

COTON ORCHARD SPECIES
OTHER INVERTEBRATES

All records from WSP Environmental Impact report, unless otherwise noted

Common name	Scientific name	Conservation status	Season	Date
Beetles and weevils	<i>Coleoptera</i>			
A bark beetle	<i>Scolytus laevis</i>	-	Summer (July)	26/07/2022
Large Fruit Bark Beetle	<i>Scolytus mali</i>	Nb	Summer (July)	26/07/2022
Shothole Borer	<i>Scolytus rugulosus</i>	Local	Summer (July)	26/07/2022
Cabbage-stem Flea Beetle	<i>Psylliodes chrysocephala</i>	-	Spring (April)	13/04/2022
Cream Spot Ladybird	<i>Calvia quattuordecimguttata</i>	-	Spring (April)	12/04/2022
7-spot Ladybird	<i>Coccinella septempunctata</i>	-	Spring (April)	12/04/2022
Pine Ladybird	<i>Exochomus quadripustulatus</i>	-	Spring (April)	12/04/2022
Orange Ladybird	<i>Halyzia sedecimguttata</i>	-	Spring (April)	12/04/2022
14-spot Ladybird	<i>Propylea quattuordecimpunctata</i>	-	Spring (April)	12/04/2022
A checkered beetle	<i>Tillus elongatus</i>	NS	Summer (July)	26/07/2022
A click beetle	<i>Athous campyloides</i>	Nb	Summer (July)	26/07/2022
A click beetle	<i>Denticollis linearis</i>	-	Summer (July)	26/07/2022
A click beetle	<i>Stenagostus rhombeus</i>	Local	Summer (July)	26/07/2022
Wireworm Click Beetle	<i>Agriotes obscurus</i>	-	Spring (April)	12/04/2022
A clown beetle	<i>Aeletes atomarius</i>	NS	Summer (July)	26/07/2022
A clown beetle	<i>Gnathoncus buyssoni</i>	NS	Summer (July)	26/07/2022
A darkling beetle	<i>Mycetochara humeralis</i>	NS	Summer (July)	26/07/2022

Dor Beetle	<i>Geotrupes stercorarius</i>	-	Summer (July)	26/07/2022
A false click beetle	<i>Melasis buprestoides</i>	Nb	Summer (July)	26/07/2022
Black Clock Beetle	<i>Pterostichus madidus</i>	-	Summer (July)	26/07/2022
A hide beetle	<i>Trox scaber</i>	Local	Summer (July)	26/07/2022
Pine Ladybird	<i>Exochomus quadripustulatus</i>	-	Summer (July)	26/07/2022
Broad Bean Beetle	<i>Bruchus rufimanus</i>	Local	Summer (July)	26/07/2022
A flea beetle	<i>indet Altica species</i>	-	Summer (July)	26/07/2022
A pleasing fungus beetle	<i>Triplax russica</i>	Local	Summer (July)	26/07/2022
A pollen beetle	<i>Meligethes aeneus</i>	-	Summer (July)	26/07/2022
A pollen beetle	<i>Meligethes nigrescens</i>	-	Summer (July)	26/07/2022
A rove beetle	<i>Anotylus rugosus</i>	-	Summer (July)	26/07/2022
Devil's Coach Horse Beetle	<i>Ocypus olens</i>	-	Spring (April)	13/04/2022
A rove beetle	<i>Othius punctulatus</i>	-	Summer (July)	26/07/2022
A rove beetle	<i>Plataraea brunnea</i>	Local	Summer (July)	26/07/2022
A rove beetle	<i>Tasgius globulifer</i>	-	Summer (July)	26/07/2022
Common Red Soldier Beetle	<i>Rhagonycha fulva</i>	-	Summer (July)	26/07/2022
A tumbling flower beetle	<i>Variimorda villosa</i>	NS	Summer (July)	26/07/2022
A seed weevil	<i>Apion frumentarium</i>	-	Summer (July)	26/07/2022
Cabbage Seed Pod Weevil	<i>Ceutorhynchus obstrictus</i>	-	Spring (April)	13/04/2022
A wood-boring weevil	<i>Euophryum confine</i>	-	Summer (July)	26/07/2022
Small Nettle Weevil	<i>Nedyus quadrimaculatus</i>	-	Summer (July)	26/07/2022
Armadillo Weevil	<i>Otiorhynchus armadillo</i>	-	Spring (April)	12/04/2022
A true weevil	<i>Otiorhynchus aurifer</i>	-	Summer (July)	26/07/2022

A true weevil	<i>Parethelcus pollinarius</i>	-	Summer (July)	26/07/2022
Pea Leaf Weevil	<i>Sitona lineatus</i>	-	Summer (July)	26/07/2022
Apple Fruit Weevil	<i>Neocoenorrhinus aequatus</i>	-	Spring (April)	12/04/2022
Lesser Thorn-tipped Longhorn Beetle	<i>Pogonocherus hispidus</i>	-	Summer (July)	26/07/2022
Diptera	Flies			
Dark-edged Beefly	<i>Bombylius major</i>	-	Spring (April)	13/04/2022
Bluebottle Fly	<i>Calliphora vomitoria</i>	-	Summer (July)	27/07/2022
Greater Spring Blacklet	<i>Cheilosia grossa</i>	-	Spring (April)	12/04/2022
Spring Epistrophe	<i>Epistrophe eligans</i>	-	Spring (April)	12/04/2022
Small Spotty-eyed Dronefly	<i>Eristalinus sepulchralis</i>	Local	Spring (April)	12/04/2022
Tapered Drone Fly	<i>Eristalis pertinax</i>	-	Spring (April)	12/04/2022
Migrant Hoverfly	<i>Eupeodes corollae</i>	-	Summer (July)	26/07/2022
Tiger Hoverfly	<i>Helophilus pendulus</i>	-	Spring (April)	12/04/2022
Short Melanostoma	<i>Melanostoma mellinum</i>	-	Spring (April)	12/04/2022
Chequered Hoverfly	<i>Melanostoma scalare</i>	-	Summer (July)	26/07/2022
Batman Hoverfly	<i>Myathropa florea</i>	-	Spring (April)	12/04/2022
Kite-tailed Robberfly	<i>Machimus atricapillus</i>	-	Summer (July)	26/07/2022
A tachinid fly	<i>Gymnocheta viridis</i>	-	Summer (July)	26/07/2022
Small Beegrabber	<i>Thecophora atra</i>	Local	Summer (July)	26/07/2022
Hemiptera	Bugs			
Tree Damsel Bug	<i>Himacerus apterus</i>	-	Spring (April)	12/04/2022
A flatbug	<i>Aradus depressus</i>	Local	Summer (July)	26/07/2022
Common Froghopper	<i>Philaenus spumarius</i>	-	Summer (July)	26/07/2022

A leaf hopper	<i>Aphrodes makarovi</i>	-	Summer (July)	26/07/2022
Dock Bug	<i>Coreus marginatus</i>	-	Summer (July)	26/07/2022
Common Nettle Bug	<i>Liocoris tripustulatus</i>	-	Summer (July)	26/07/2022
A planthopper bug	<i>Anoscopus serratulae</i>	Local	Summer (July)	26/07/2022
A planthopper bug	<i>Issus coleoptratus</i>	-	Spring (April)	12/04/2022
Cinnamon Bug	<i>Corizus hyoscyami</i>	-	Summer (July)	26/07/2022
Common Green Shieldbug	<i>Palomena prasina</i>	-	Summer (July)	26/07/2022
Parent Shieldbug	<i>Elasmucha grisea</i>	-	Summer (July)	26/07/2022
Red-legged Shieldbug	<i>Pentatoma rufipes</i>	-	Summer (July)	26/07/2022
Box Bug	<i>Gonocerus acuteangulatus</i>	-	Spring (April)	12/04/2022
Hymenoptera	Ants and bees			
A wood ant	<i>Formica lemani</i>	-	Summer (July)	27/07/2022
A red ant	<i>Myrmica ruginodis</i>	-	Summer (July)	26/07/2022
Hairy-footed Flower Bee	<i>Anthophora plumipes</i>	-	Spring (April)	13/04/2022
Red-tailed Bumblebee	<i>Bombus lapidarius</i>	-	Summer (July)	26/07/2022
White-tailed bumblebee	<i>Bombus lucorum</i>	-	Summer (July)	26/07/2022
Common Carder Bumble	<i>Bombus pascuorum</i>	-	Summer (July)	26/07/2022
Buff-tailed Bumblebee	<i>Bombus terrestris</i>	-	Spring (April)	13/04/2022
Early Bumblebee	<i>Bombus pratorum</i>		Summer (June) – Bioblitz	
Field Cuckoo Bumblebees	<i>Bee Bombus campestris</i>		Summer (June) – Bioblitz	
Golden-moustached Fly Fox	<i>Ectemnius cavifrons</i>	-	Summer (July)	26/07/2022
Hogweed Fly Fox	<i>Ectemnius lituratus</i>	-	Summer (July)	27/07/2022
Little Black Wasp	<i>Pemphredon lethifer</i>	-	Spring (April)	26/07/2022

Honeybee	<i>Apis Mellifera</i>	-	Summer (July)*	12/04/2022
Yellow-striped Darwin Wasp	<i>Ichneumon xanthorius</i>	-	Spring (April)	27/07/2022
Wood-carving Leafcutter Bee	<i>Megachile ligniseca</i>	Local	Summer (July)	27/07/2022
Two-coloured Mason Bee	<i>Osmia bicolor</i>	Nb	Summer (July)	12/04/2022
Short-fringed Mining Bee	<i>Andrena dorsata</i>	-	Summer (July)	26/07/2022
Buffish Mining Bee	<i>Andrena nigroaenea</i>	-	Spring (April)	13/04/2022
Impunctate Mini-miner	<i>Andrena subopaca</i>	-	Summer (July)	26/07/2022
Fabricius' Nomad Bee	<i>Nomada fabriciana</i>	-	Summer (July)	27/07/2022
Gooden's Nomad Bee	<i>Nomada goodeniana</i>	-	Summer (July)	26/07/2022
Pantaloonee Bee	<i>Dasypoda hirtipes</i>	Nb	Spring (April)	26/07/2022
Common Yellow-face Bee	<i>Hylaeus communis</i>	-	Summer (July)	27/07/2022
A sawfly	<i>Hoplocampa chrysorrhoea</i>	-	Spring (April)	13/04/2022
Bronze Furrow Bee	<i>Halictus tumulorum</i>	-	Summer (July)	26/07/2022
White-footed Green Furrow Bee	<i>Lasioglossum leucopus</i>	-	Spring (April)	12/04/2022
Common Green Furrow Bee	<i>Lasioglossum morio</i>	-	Spring (April)	26/07/2022
Bare-saddled Blood Bee	<i>Sphecodes ephippius</i>	-	Summer (July)	13/04/2022
Common Wasp	<i>Vespula vulgaris</i>	-	Summer (July)	13/04/2022
Isopoda	Woodlice			
Common Pill Woodlouse	<i>Armadillidium vulgare</i>	-	Spring (April)	27/07/2022
Common Striped Woodlouse	<i>Philoscia muscorum</i>	-	Summer (July)	26/07/2022
Julida	Millipedes			
A millipede	<i>Ophiulus pilosus</i>	-	Summer (July)	12/04/2022
Lepidoptera	Butterflies			

Common Blue	<i>Polyommatus icarus</i>	-	Summer (July)	26/07/2022
Peacock	<i>Aglais io</i>	-	Summer (July)	26/07/2022
Ringlet	<i>Aphantopus hyperantus</i>	-	Summer (July)	26/07/2022
Small Heath	<i>Coenonympha pamphilus</i>	S41 PS; VU	Summer (July)	26/07/2022
Meadow Brown	<i>Maniola jurtina</i>	-	Summer (July)	26/07/2022
Speckled Wood	<i>Pararge aegeria</i>	-	Summer (July)	27/07/2022
Comma	<i>Polygonia c-album</i>	-	Summer (July)	26/07/2022
Gatekeeper	<i>Pyronia tithonus</i>	-	Spring (April)	26/07/2022
Brimstone	<i>Gonepteryx rhamni</i>	-	Summer (July)	26/07/2022
Large White	<i>Pieris brassicae</i>	-	Summer (July)	26/07/2022
Green-veined White	<i>Pieris napi</i>	-	Summer (July)	12/04/2022
Small White	<i>Pieris rapae</i>	-	Spring (April)	26/07/2022
Marbled White	<i>Melanargia galathea</i>		Summer (June) – Bioblitz	2023
Essex Skipper	<i>Thymelicus lineola</i>		Summer (June) – Bioblitz	2023
Large Skipper	<i>Ochlodes sylvanus</i>		Summer (June) – Bioblitz	2023
Red Admiral	<i>Vanessa atalanta</i>		Summer (June) – Bioblitz	2023
Ringlet	<i>Aphantopus hyperantus</i>		Summer (June) – Bioblitz	2023
White-letter hairstreak	<i>Satyrium w-album</i>		Summer (June) – Bioblitz	2023