

Bowlees Quarry Special Invertebrate Site

Species list at 31 December 2021

	Scientific Name	English Name
Bees		
	<i>Andrena scotica</i>	Chocolate Mining Bee
	<i>Bombus bohemicus</i>	Gypsy Cuckoo Bee
	<i>Bombus hortorum</i>	Garden Bumblebee
	<i>Bombus hypnorum</i>	Tree Bumblebee
	<i>Bombus jonellus</i>	Heath Bumblebee
	<i>Bombus lapidarius</i>	Red-tailed Bumblebee
	<i>Bombus lucorum agg.</i>	White-tailed Bumblebee agg.
	<i>Bombus pascuorum</i>	Common Carder Bee
	<i>Bombus pratorum</i>	Early Bumblebee
	<i>Bombus sylvestris</i>	Forest Bumblebee
	<i>Bombus terrestris</i>	Buff-tailed Bumblebee
	<i>Bombus vestalis</i>	Vestal Cuckoo Bee
Beetles		
	<i>Anoplotrupes stercorosus</i>	Woodland Dor Beetle
	<i>Cantharis decipiens</i>	
	<i>Cantharis nigra</i>	
	<i>Cantharis nigricans</i>	
	<i>Cantharis pellucida</i>	
	<i>Calvia quattuordecimguttata</i>	Cream-spot Ladybird
	<i>Coccinella hieroglyphica</i>	Hieroglyphic Ladybird

	<i>Ctenicera cuprea</i>	
	<i>Dascillus cervinus</i>	Orchid Beetle
	<i>Halyzia sedecimguttata</i>	Orange Ladybird
	<i>Hydraena gracilis</i>	
	<i>Lochmaea suturalis</i>	Heather Beetle
	<i>Oedemera lurida</i>	
	<i>Oiceoptoma thoracicum</i>	Red-breasted Carrion Beetle
	<i>Oreodytes sanmarkii</i>	
	<i>Othius punctulatus</i>	
	<i>Philonthus decorus</i>	
	<i>Pterostichus rhaeticus</i>	Pincer Blackclock
	<i>Pterostichus madidus</i>	Blackclock Beetle
	<i>Rhagium bifasciatum</i>	2-banded Longhorn Beetle
	<i>Rhagonycha fulva</i>	Common Red Soldier Beetle
	<i>Thanatophilus rugosus</i>	
Bugs		
	<i>Aphrophora alni</i>	Alder Spittlebug
	<i>Cicadella viridis</i>	Green Leafhopper
	<i>Closterotomus norwegicus</i>	Potato Capsid
	<i>Pentatoma rufipes</i>	Red-legged/Forest Shield Bug
	<i>Tachycixius pilosus</i>	
Butterflies		
	<i>Aglais io</i>	Peacock
	<i>Aglais urticae</i>	Small Tortoiseshell
	<i>Anthocharis cardamines</i>	Orange-tip
	<i>Maniola jurtina</i>	Meadow Brown
	<i>Pararge aegeria</i>	Speckled Wood
	<i>Pieris brassicae</i>	Large White
	<i>Pieris napi</i>	Green-veined White
	<i>Vanessa atalanta</i>	Red Admiral

Caddisflies		
	<i>Hydropsyche instabilis</i>	Grey Flag
	<i>Hydropsyche siltalai</i>	Grey Flag
	<i>Limnephilus centralis</i>	
	<i>Micropterna sequax</i>	
	<i>Odontocerum albicorne</i>	Silver/Grey Sedge
	<i>Polycentropus kingi</i>	
Dragonflies and damselflies		
	<i>Aeshna juncea</i>	Common Hawker
	<i>Cardulegaster boltonii</i>	Golden-ringed Dragonfly
Flies (ex hovers)		
	<i>Argyra sp.</i>	
	<i>Bibio leucopterus</i>	White-winged Bibio
	<i>Chloromyia formosa</i>	Broad Centurion
	<i>Chrysopilus cristatus</i>	Black Snipefly
	<i>Clinocera fontinalis</i>	
	<i>Empis grisea</i>	
	<i>Empis tessellata</i>	
	<i>Empis verralli</i>	
	<i>Eriothrix rufomaculata</i>	
	<i>Herina frondescentiae</i>	Scribbled Wingwaver
	<i>Limonia aquosa</i>	
	<i>Limonia nubeculosa</i>	
	<i>Limonia occidua</i>	
	<i>Mydaea corni</i>	
	<i>Oxycera pygmaea</i>	Pygmy Soldier
	<i>Phaonia angelicae</i>	
	<i>Platypalpus agilis</i>	
	<i>Rhamphomyia flava</i>	
	<i>Sarcophaga sp.</i>	

	<i>Scathophaga stercoraria</i>	Yellow Dung-fly
	<i>Tipula luna</i>	
	<i>Tulipa subnodicornis</i>	
	<i>Tulipa varipennis</i>	
	<i>Tipula vittata</i>	
	<i>Tricyphona immaculata</i>	
Flies (hoverflies)		
	<i>Cheilosia albitarsus</i> agg.	
	<i>Cheilosia illustrata</i>	
	<i>Dasysyrphus albirostris</i>	
	<i>Didea fasciata</i>	
	<i>Epistrophe grossulariae</i>	Broad-banded Epistrophe
	<i>Episyrphus balteatus</i>	Marmalade Hoverfly
	<i>Eristalis horticola</i>	Stripe-winged Dronefly
	<i>Eristalis intricaria</i>	Furry Dronefly
	<i>Eristalis nemorum</i>	Stripe-faced Dronefly
	<i>Eristalis pertinax</i>	Tapered Dronefly
	<i>Eristalis rupium</i>	Blotch-winged Dronefly
	<i>Eristalis tenax</i>	Common Dronefly
	<i>Helophilus pendulus</i>	The Footballer
	<i>Melanostoma mellinum</i>	Dumpy Melanosotoma
	<i>Melanostoma scalare</i>	Slender/Chequered Hoverfly
	<i>Meliscaeva auricollis</i>	
	<i>Meliscaeva cinctella</i>	Banded Meliscaeva
	<i>Platycheirus granditarsus</i>	
	<i>Portevinia maculata</i>	Ransoms Hoverfly
	<i>Rhingia campestris</i>	Common Snout Hoverfly
	<i>Sericomyia silentis</i>	Bog Hoverfly
	<i>Sericomyia superbiens</i>	Late Bear Hoverfly
	<i>Syritta pipiens</i>	Thick-thighed Hoverfly

	<i>Syrphus ribesii</i>	Humming Syrphus
	<i>Volucella pellucens</i>	Great Pied Hoverfly
	<i>Xylota segnis</i>	Orange-belted Hoverfly
Grasshoppers		
	<i>Chorthippus brunneus</i>	Common Field Grasshopper
	<i>Omocestus viridulus</i>	Common Green Grasshopper
Harvestmen		
	<i>Megabunus</i>	
	<i>Nemastoma bimaculatum</i>	
Limpets		
	<i>Ancylus fluviatilis</i>	River Limpet
Mayflies		
	<i>Caenis rivulorum</i>	Angler's Curse
	<i>Ephemera danica</i>	Green Drake
Millipedes		
	<i>Ophiulus pilosus</i>	
	<i>Proteroiulus fuscus</i>	Snake Millipede
Mites		
	<i>Atractides acutirostris</i>	
Moths		
	<i>Abrostola tripartita</i>	Spectacle
	<i>Acronicta rumicis</i>	Knot Grass
	<i>Acronicta tridens/psi</i>	Dark/Grey Dagger
	<i>Aethes cnicana</i>	Thistle Conch
	<i>Agapeta hamana</i>	Common Yellow Conch
	<i>Agriphila straminella</i>	Straw Grass-veneer
	<i>Agriphila tristella</i>	Common Grass-veneer
	<i>Agrochola macilenta</i>	Yellow-line Quaker
	<i>Aphomia sociella</i>	Bee Moth
	<i>Alcis repandata</i>	Mottled Beauty

	<i>Amphipoea agg.</i>	Eared Moth agg.
	<i>Anaplectoides prasina</i>	Green Arches
	<i>Anthophila fabriciana</i>	Common Nettle-tap
	<i>Apamea crenata</i>	Clouded-bordered Brindle
	<i>Apamea monoglypha</i>	Dark Arches
	<i>Apamea remissa</i>	Dusky Brocade
	<i>Atethmia centrigo</i>	Centre-barred Sallow
	<i>Autographa bractea</i>	Gold Spangle
	<i>Autographa gamma</i>	Silver Y
	<i>Autographa jota</i>	Plain Golden Y
	<i>Autographa pulchrina</i>	Beautiful Golden Y
	<i>Biston betularia</i>	Peppered Moth
	<i>Campaea margaritata</i>	Light Emerald
	<i>Catoptria margaritella</i>	
	<i>Cauchas fibulella</i>	Little Longhorn
	<i>Cerapteryx graminis</i>	Antler Moth
	<i>Chloroclysta citrata</i>	Dark Marbled Carpet
	<i>Chloroclysta siterata</i>	Red-green Carpet
	<i>Chloroclysta truncata</i>	Common Marbled Carpet
	<i>Chrysoteuchia culmella</i>	Garden Grass Veneer
	<i>Cidaria fulvata</i>	Barred Yellow
	<i>Cirrhia icteritia</i>	Sallow
	<i>Colostygia pectinataria</i>	Green Carpet
	<i>Crambus lathoniellus</i>	Hook-streaked Grass-veneer
	<i>Deilephila elpenor</i>	Elephant Hawk-moth
	<i>Deileptenia ribeata</i>	Satin Beauty
	<i>Denisia similella</i>	
	<i>Diarsia brunnea</i>	Purple Clay
	<i>Diarsia mendica</i>	Ingrailed Clay
	<i>Diarsia rubi</i>	Small Square-spot

	<i>Diachrysia chrysitis</i>	Burnished Brass
	<i>Dysstroma citrata</i>	Dark Marbled Carpet
	<i>Dysstroma truncata</i>	Common Marbled Carpet
	<i>Eana osseana</i>	
	<i>Eilema lurideola</i>	Common Footman
	<i>Epiblema scutulana</i>	Thistle Bell
	<i>Epirrhoe alternata</i>	Common Carpet
	<i>Epirrita dilutata</i> agg.	November Moth agg.
	<i>Epirrita filigrammaria</i>	Small Autumnal Moth
	<i>Erannis defoliaria</i>	Mottled Umber
	<i>Eucosma cana</i>	Hoary Bell
	<i>Eudonia lacustrata</i>	Little Grey
	<i>Eudonia mercurella</i>	
	<i>Eulithis populata</i>	Northern Spinach
	<i>Eupithecia absinthiata</i>	Wormwood Pug
	<i>Eupithecia pulchellata</i>	Foxglove Pug
	<i>Euplexia lucipara</i>	Small Angle Shades
	<i>Evergestis forficalis</i>	Garden Pebble
	<i>Gandaritis pyraliata</i>	Barred Straw
	<i>Glyphipterix thrasonella</i>	
	<i>Gracillaria syringella</i>	
	<i>Griposia aprilina</i>	Merveille du Jour
	<i>Gypsonoma sociana</i>	
	<i>Hada plebeja</i>	Shears
	<i>Hedya nubiferana</i>	Marbled Orchard Tortrix
	<i>Hedya pruniana</i>	Plum Tortrix
	<i>Hepialus humuli</i>	Ghost Moth
	<i>Hydraecia micacea</i>	Rosy Rustic
	<i>Hydriomena furcata</i>	July Highflyer
	<i>Hylaea fasciaria</i>	Barred Red

	<i>Hypena proboscidalis</i>	Snout
	<i>Idaea aversata</i>	Riband Wave
	<i>Korscheltellus fusconebulosa</i>	Map-winged Swift
	<i>Korscheltellus lupulina</i>	Common Swift
	<i>Lacanobia thalassina</i>	Pale-shouldered Brocade
	<i>Lathoe populi</i>	Poplar Hawk-moth
	<i>Lycophotia porphyrea</i>	True Lover's Knot
	<i>Macaria liturata</i>	Tawny-barred Angle
	<i>Macroglossum stellatarum</i>	Hummingbird Hawk-moth
	<i>Macrothylacia rubi</i>	Fox Moth
	<i>Mesapamea secalis</i> agg.	Common Rustic agg.
	<i>Mompha raschkiella</i>	
	<i>Mythimna ferrago</i>	Clay
	<i>Mythimna impura</i> f.scotica	Smoky Wainscot
	<i>Nemophora minimella</i>	Small Longhorn
	<i>Noctua comes</i>	Lesser Yellow Underwing
	<i>Noctua fimbriata</i>	Broad-bordered Yellow Underwing
	<i>Noctua janthe</i>	Lesser Broad-bordered Yellow Underwing
	<i>Noctua pronuba</i>	Large Yellow Underwing
	<i>Notocelia cynosbatella</i>	
	<i>Notodonta dromedarius</i>	Iron Prominent
	<i>Notodonta ziczac</i>	Pebble Prominent
	<i>Nudaria mundana</i>	Muslin Footman
	<i>Ochropleura plecta</i>	Flame Shoulder
	<i>Odezia atrata</i>	Chimney Sweeper
	<i>Oligia fasciuncula</i>	Middle-barred Minor
	<i>Oligia strigilis</i> agg.	Marbled Minor agg.
	<i>Operophtera fagata</i>	Northern Winter Moth
	<i>Opisthographptis luteolata</i>	Brimstone Moth

	<i>Opostega salaciella</i>	
	<i>Ourapteryx sambucaria</i>	Swallow-tailed Moth
	<i>Pandemis cerasana</i>	Barred Fruit-tree Tortrix
	<i>Pasiphila rectangulata</i>	Green Pug
	<i>Pennithera firmata</i>	Pine Carpet
	<i>Peribatodes rhomboidaria</i>	Willow Beauty
	<i>Perizoma alchemillata</i>	Small Rivulet
	<i>Petrophora chlorosata</i>	Brown Silver-line
	<i>Pheosia gnoma</i>	Lesser Swallow Prominent
	<i>Pheosia tremula</i>	Swallow Prominent
	<i>Phlogophora meticulosa</i>	Angle Shades
	<i>Photedes minima</i>	Small Dotted Buff
	<i>Phyllonorycter hilarella</i>	Sallow Midget
	<i>Phyllonorycter maestingella</i>	
	<i>Plusia putnami</i>	Lempke's Gold Spot
	<i>Poecilocampa populi</i>	December Moth
	<i>Pseudargyrotoza conwagana</i>	Yellow-spot Tortrix
	<i>Pterostoma palpina</i>	Pale Prominent
	<i>Ptilodon capucina</i>	Coxcomb Prominent
	<i>Rivula sericealis</i>	Straw Dot
	<i>Rusina ferruginea</i>	Brown Rustic
	<i>Scoparia ambigualis</i>	
	<i>Scotopteryx chenopodiata</i>	Shaded Broad-bar
	<i>Selenia lunularia</i>	Lunar Thorn
	<i>Spilosoma lubricipeda</i>	White Ermine
	<i>Stenoptilia pterodactyla</i>	Brown Plume
	<i>Stigmella anomalella</i>	Rose Leaf Miner
	<i>Stigmella hemargyrella</i>	
	<i>Stigmella tityrella</i>	
	<i>Thera britannica</i>	Spruce Carpet

	<i>Thera obeliscata</i>	Grey Pine Carpet
	<i>Triodia sylvina</i>	Orange Swift
	<i>Udea olivalis</i>	Olive Pearl
	<i>Xanthorhoe designata</i>	Flame Carpet
	<i>Xanthorhoe montana</i>	Silver-ground Carpet
	<i>Xestia baja</i>	Dotted Clay
	<i>Xestia stigmatica</i>	Square-spotted Clay
	<i>Xestia triangulum</i>	Double Square-spot
	<i>Yponomeuta</i> agg.	
	<i>Ypsolopha vittella</i>	
	<i>Zelothereses paleana</i>	Timothy Tortrix
Sawflies		
	<i>Abia candens</i>	Dusky-horned Scabious Sawfly
Shrimps		
	<i>Gammarus pulex/fossarum</i> agg.	
Slugs		
	<i>Deroceras reticulatum</i>	Nettled Field Slug
Snails		
	<i>Aegopinella nitidula</i>	Small Glass Snail
	<i>Arianta arbustorum</i>	Copse Snail
	<i>Candidula intersecta</i>	Wrinkled Snail
	<i>Discus rotundatus</i>	Rounded Snail
	<i>Euconulus fulvus</i>	Tawny Glass Snail
	<i>Lauria cylindracea</i>	Common Chrysalis Snail
	<i>Oxychailis alliaris</i>	Cellar/Garlic Snail
	<i>Trochulus hispidus</i>	Hairy Snail
	<i>Vitrea contracta</i>	Milky Crystal Snail
Spiders		
	<i>Araniella</i> sp.	Cucumber Spider
Stoneflies		

	<i>Perla bipunctata</i>	Large Stonefly
Woodlice		
	<i>Androniscus dentiger</i>	Rosy Woodlouse
	<i>Asellus aquaticus</i>	Water Woodlouse
	<i>Cylisticus convexus</i>	Curly Woodlouse
	<i>Oniscus asellus</i>	Common Shiny Woodlouse
	<i>Philoscia muscorum</i>	Common Striped Woodlouse
	<i>Trichoniscus pusillus</i>	Common Pygmy Woodlouse