

S1 Table. Overview of all DTOL screened genomes

Scientific name	Species name	Taxonomic order	Biospecimen ID	Sex	Tissue
<i>Abrostola tripartita</i>	The Spectacle	Lepidoptera	SAMEA7520667	Male	HEAD THORAX
<i>Acleris emargana</i>	Notch-wing Button	Lepidoptera	SAMEA7746613	Male	WHOLE ORGANISM
<i>Acleris sparsana</i>	Ashy button	Lepidoptera	SAMEA8603209	Male	WHOLE ORGANISM
<i>Acrobasis consociella</i>	Broad-barred Knot-horn	Lepidoptera	SAMEA7701461	Unknown	WHOLE ORGANISM
<i>Acrobasis repandana</i>	Warted Knot-horn	Lepidoptera	SAMEA7701659	Unknown	WHOLE ORGANISM
<i>Acronicta aceris</i>	The sycamore	Lepidoptera	SAMEA7701532	Female	ABDOMEN
<i>Agonopterix arenella</i>	Brindled Flat-body	Lepidoptera	SAMEA8603192	Male	WHOLE ORGANISM
<i>Agonopterix heracliiana</i>	Common flat-body	Lepidoptera	SAMEA7701514	Unknown	WHOLE ORGANISM
<i>Agonopterix subpropinquella</i>	Ruddy Flat-body	Lepidoptera	SAMEA7746629	Male	WHOLE ORGANISM
<i>Agriopis aurantiaria</i>	Scarce umber	Lepidoptera	SAMEA8603214	Male	THORAX
<i>Agriphila geniculea</i>	Elbow-stripe Grass-veneer	Lepidoptera	SAMEA8603180	Female	WHOLE ORGANISM
<i>Agriphila straminella</i>	Straw Grass-veneer	Lepidoptera	SAMEA7701512	Unknown	WHOLE ORGANISM
<i>Agriphila tristella</i>	Common grass-veneer	Lepidoptera	SAMEA8603174	Male	THORAX
<i>Agrochola circellaris</i>	The brick	Lepidoptera	SAMEA8603201	Male	THORAX
<i>Agrochola macilenta</i>	Yellow-line quaker	Lepidoptera	SAMEA8603207	Female	THORAX
<i>Allophyes oxyacanthae</i>	Green-brindled crescent	Lepidoptera	SAMEA8603204	Male	THORAX
<i>Amphipyra berbera</i>	Svensson's copper underwing	Lepidoptera	SAMEA7701493	Male	ABDOMEN
<i>Amphipyra tragopoginis</i>	Mouse moth	Lepidoptera	SAMEA7520174	Male	HEAD THORAX
<i>Anthocharis cardamines</i>	Orange tip	Lepidoptera	SAMEA7523110	Female	WHOLE ORGANISM
<i>Apamea monoglypha</i>	Dark arches	Lepidoptera	SAMEA7701555	Male	ABDOMEN
<i>Apatura iris</i>	Purple emperor	Lepidoptera	SAMEA7523112	Unknown	WHOLE ORGANISM
<i>Apeira syringaria</i>	Lilac beauty	Lepidoptera	SAMEA7520685	Male	HEAD THORAX
<i>Aplocera efformata</i>	Lesser treble-bar	Lepidoptera	SAMEA8603170	Female	THORAX
<i>Aporia crataegi</i>	Black Veined White	Lepidoptera	SAMEA7523355	Male	WHOLE ORGANISM
<i>Aporophyla lueneburgensis</i>	Northern deep-brown dart	Lepidoptera	SAMEA8603194	Female	THORAX
<i>Apotomis betuletana</i>	Birch marble	Lepidoptera	SAMEA7701588	Male	WHOLE ORGANISM
<i>Apotomis turbidana</i>	White-shouldered Marble	Lepidoptera	SAMEA7520681	Unknown	WHOLE ORGANISM
<i>Archips podanus</i>	Large Fruit-tree Tortrix	Lepidoptera	SAMEA7701540	Unknown	WHOLE ORGANISM

<i>Archips xylosteana</i>	Variiegated Golden Tortrix	Lepidoptera	SAMEA7701541	Unknown	WHOLE ORGANISM
<i>Argyresthia goedartella</i>	Golden Argent	Lepidoptera	SAMEA7520176	Unknown	WHOLE ORGANISM
<i>Aricia agestis</i>	Brown argus	Lepidoptera	SAMEA7523300	Male	WHOLE ORGANISM
<i>Atethmia centrago</i>	Centre-barred sawfly	Lepidoptera	SAMEA7520177	Male	HEAD THORAX
<i>Autographa gamma</i>	Silver Y	Lepidoptera	SAMEA7519848	Female	HEAD THORAX
<i>Autographa pulchrina</i>	Beautiful Golden Y	Lepidoptera	SAMEA7520527	Female	HEAD THORAX
<i>Bembecia ichneumoniformis</i>	Six-belted clearwing	Lepidoptera	SAMEA7701282	Male	ABDOMEN
<i>Biston betularia</i>	Peppered moth	Lepidoptera	SAMEA7520512	Male	THORAX ABDOMEN
<i>Blastobasis adustella</i>	Dingy Dowd	Lepidoptera	SAMEA7520179	Female	WHOLE ORGANISM
<i>Blastobasis lacticolella</i>	London Dowd	Lepidoptera	SAMEA7519826	Male	WHOLE ORGANISM
<i>Boloria selene</i>	Small pearl-bordered fritillary	Lepidoptera	SAMEA7523131	Female	WHOLE ORGANISM
<i>Calamotropha paludella</i>	Bulrush Veneer	Lepidoptera	SAMEA7746625	Male	ABDOMEN
<i>Campaea margaritaria</i>	Light emerald	Lepidoptera	SAMEA7701535	Male	ABDOMEN
<i>Camptogramma bilineatum</i>	Yellow shell	Lepidoptera	SAMEA7701528	Unknown	WHOLE ORGANISM
<i>Caradrina clavipalpis</i>	Pale mottled willow	Lepidoptera	SAMEA8603187	Male	THORAX
<i>Caradrina kadenii</i>	Clancy's Rustic	Lepidoptera	SAMEA8534280	Female	ABDOMEN
<i>Carcina quercana</i>	Long-horned flat-body	Lepidoptera	SAMEA7519850	Male	WHOLE ORGANISM
<i>Catocala fraxini</i>	Cliften non-pareil	Lepidoptera	SAMEA8603175	Male	THORAX
<i>Catoptria pinella</i>	Pearl Grass-veneer	Lepidoptera	SAMEA7701506	Unknown	WHOLE ORGANISM
<i>Celastrina argiolus</i>	Holly brown	Lepidoptera	SAMEA7523268	Male	WHOLE ORGANISM
<i>Chloroclysta siterata</i>	Red-green carpet	Lepidoptera	SAMEA8603199	Male	THORAX
<i>Chloroclystis v-ata</i>	V-pug	Lepidoptera	SAMEA7701460	Unknown	WHOLE ORGANISM
<i>Chrysoteuchia culmella</i>	Garden Grass-veneer	Lepidoptera	SAMEA7701502	Male	WHOLE ORGANISM
<i>Clostera curtula</i>	Chocolate tip	Lepidoptera	SAMEA7520526	Female	ABDOMEN
<i>Colias croceus</i>	Clouded Yellow	Lepidoptera	SAMEA7523360	Female	THORAX
<i>Colostygia pectinataria</i>	Green carpet	Lepidoptera	SAMEA7520182	Unknown	WHOLE ORGANISM
<i>Cosmia trapezina</i>	The dun-bar	Lepidoptera	SAMEA7519851	Male	THORAX ABDOMEN
<i>Craniophora ligustri</i>	The coronet	Lepidoptera	SAMEA7519852	Female	THORAX ABDOMEN
<i>Crocallis elinguaris</i>	Scalloped oak	Lepidoptera	SAMEA7701527	Female	ABDOMEN
<i>Cupido minimus</i>	Small blue	Lepidoptera	SAMEA7523306	Male	WHOLE ORGANISM
<i>Cyaniris semiargus</i>	Mazarine blue	Lepidoptera	SAMEA7523311	Male	WHOLE ORGANISM

<i>Cydia fagiglandana</i>	Large Beech Piercer	Lepidoptera	SAMEA7701453	Unknown	WHOLE ORGANISM
<i>Cydia splendana</i>	Marbled Piercer	Lepidoptera	SAMEA7701547	Female	WHOLE ORGANISM
<i>Deilephila porcellus</i>	Small elephant Hawk-moth	Lepidoptera	SAMEA7520522	Male	ABDOMEN
<i>Diachrysia chrysitis</i>	Burnished brass moth	Lepidoptera	SAMEA8603181	Male	THORAX
<i>Diarsia rubi</i>	Small square-spot	Lepidoptera	SAMEA8603186	Female	THORAX
<i>Ditula angustiorana</i>	Red-barred Tortrix	Lepidoptera	SAMEA7701319	Unknown	WHOLE ORGANISM
<i>Dryobotodes eremita</i>	Brindled green	Lepidoptera	SAMEA8603190	Female	THORAX
<i>Ecliptopera silaceata</i>	Small phoenix	Lepidoptera	SAMEA7701534	Male	WHOLE ORGANISM
<i>Ectropis crepuscularia</i>	The engrailed	Lepidoptera	SAMEA7701526	Unknown	WHOLE ORGANISM
<i>Eilema depressum</i>	Buff footman	Lepidoptera	SAMEA7746611	Male	THORAX
<i>Eilema sororcula</i>	Orange Footman	Lepidoptera	SAMEA7631555	Male	WHOLE ORGANISM
<i>Emmelina monodactyla</i>	Common plume	Lepidoptera	SAMEA8603203	Female	WHOLE ORGANISM
<i>Endotricha flammealis</i>	Rosy tabby	Lepidoptera	SAMEA7519855	Female	WHOLE ORGANISM
<i>Ennomos fuscantarius</i>	Dusky thorn	Lepidoptera	SAMEA7520185	Male	HEAD THORAX
<i>Ennomos quercinarius</i>	August thorn	Lepidoptera	SAMEA7701560	Male	ABDOMEN
<i>Epagoge grotiana</i>	Brown-barred Tortrix	Lepidoptera	SAMEA7701542	Unknown	WHOLE ORGANISM
<i>Epinotia brunnichana</i>	Large Birch Bell	Lepidoptera	SAMEA7701529	Unknown	WHOLE ORGANISM
<i>Epirrhoe alternata</i>	common carpet	Lepidoptera	SAMEA7701550	Unknown	WHOLE ORGANISM
<i>Erannis defoliaria</i>	Mottled umber	Lepidoptera	SAMEA7520367	Male	THORAX ABDOMEN
<i>Erebia aethiops</i>	Scotch argus	Lepidoptera	SAMEA7523289	Female	WHOLE ORGANISM
<i>Erebia ligea</i>	Mountain ringlet	Lepidoptera	SAMEA7523313	Male	WHOLE ORGANISM
<i>Erynnis tages</i>	Dingy skipper	Lepidoptera	SAMEA7523299	Male	WHOLE ORGANISM
<i>Eucosma campoliliana</i>	Marbled Bell	Lepidoptera	SAMEA7701295	Unknown	WHOLE ORGANISM
<i>Eucosma cana</i>	Hoary Bell	Lepidoptera	SAMEA7701552	Unknown	WHOLE ORGANISM
<i>Eulithis prunata</i>	The Pheonix	Lepidoptera	SAMEA7701309	Male	ABDOMEN
<i>Euphydryas aurinia</i>	Marsh Fritillary	Lepidoptera	SAMEA7523466	Unknown	WHOLE ORGANISM
<i>Eupithecia centaureata</i>	Lime-speck pug	Lepidoptera	SAMEA7520186	Male	WHOLE ORGANISM
<i>Eupithecia tripunctaria</i>	White-spotted pug	Lepidoptera	SAMEA7701546	Unknown	WHOLE ORGANISM
<i>Euplexia lucipara</i>	Small angle shades	Lepidoptera	SAMEA7701470	Male	ABDOMEN
<i>Euproctis similis</i>	Yellow-tail	Lepidoptera	SAMEA7519909	Male	THORAX ABDOMEN
<i>Eupsilia transversa</i>	satellite moth	Lepidoptera	SAMEA8563699	Female	THORAX ABDOMEN

<i>Fabriciana adippe</i>	High brown fritillary	Lepidoptera	SAMEA7523308	Female	ABDOMEN
<i>Furcula furcula</i>	Sallow kitten	Lepidoptera	SAMEA7746637	Male	THORAX
<i>Glaucopteryx alexis</i>	Green-underside blue	Lepidoptera	SAMEA7524616	Male	WHOLE ORGANISM
<i>Griposia aprilina</i>	Merveille du jour	Lepidoptera	SAMEA8603200	Female	THORAX
<i>Gymnoscelis rufifasciata</i>	Double-striped pug	Lepidoptera	SAMEA7519910	Female	WHOLE ORGANISM
<i>Habrosyne pyritoides</i>	Buff arches	Lepidoptera	SAMEA7701298	Male	ABDOMEN
<i>Hamearis lucina</i>	Duke of Burgundy	Lepidoptera	SAMEA7523117	Unknown	WHOLE ORGANISM
<i>Hecatera dysodea</i>	Small ranunculus	Lepidoptera	SAMEA7521514	Female	THORAX
<i>Hedya salicella</i>	White-backed Marble	Lepidoptera	SAMEA7520688	Male	WHOLE ORGANISM
<i>Hemaris fuciformis</i>	broad-bordered bee hawk-moth	Lepidoptera	SAMEA5248724	Unknown	WHOLE ORGANISM
<i>Hesperia comma</i>	Silver-spotted skipper	Lepidoptera	SAMEA7523119	Female	WHOLE ORGANISM
<i>Hydraecia micacea</i>	Rosy rustic	Lepidoptera	SAMEA8603188	Female	THORAX
<i>Hydriomena furcata</i>	July highflyer	Lepidoptera	SAMEA7701301	Male	ABDOMEN
<i>Hylaea fasciaria</i>	Barred red	Lepidoptera	SAMEA7520684	Male	HEAD THORAX
<i>Hypena proboscidalis</i>	The snout	Lepidoptera	SAMEA7520188	Female	HEAD THORAX
<i>Idaea aversata</i>	Riband Wave	Lepidoptera	SAMEA7519834	Male	WHOLE ORGANISM
<i>Laothoe populi</i>	Poplar Hawk-moth	Lepidoptera	SAMEA7520519	Female	ABDOMEN
<i>Lasiommata megera</i>	Wall brown	Lepidoptera	SAMEA7523153	Female	WHOLE ORGANISM
<i>Laspeyria flexula</i>	Beautiful hook-tip	Lepidoptera	SAMEA7519836	Male	WHOLE ORGANISM
<i>Leptidea sinapis</i>	Wood White	Lepidoptera	SAMEA7523467	Male	WHOLE ORGANISM
<i>Limenitis camilla</i>	White admiral	Lepidoptera	SAMEA7523310	Female	WHOLE ORGANISM
<i>Lobophora halterata</i>	The Seraphim	Lepidoptera	SAMEA7520514	Female	ABDOMEN
<i>Luperina testacea</i>	Flounced Rustic	Lepidoptera	SAMEA8534287	Male	THORAX
<i>Lycaena phlaeas</i>	Small copper	Lepidoptera	SAMEA7523293	Male	WHOLE ORGANISM
<i>Lymantria monacha</i>	Black arches	Lepidoptera	SAMEA7519912	Male	THORAX ABDOMEN
<i>Lysandra bellargus</i>	Adonis Blue	Lepidoptera	SAMEA7523471	Female	WHOLE ORGANISM
<i>Lysandra coridon</i>	Chalkhill blue	Lepidoptera	SAMEA7523305	Male	WHOLE ORGANISM
<i>Macaria notata</i>	Peacock moth	Lepidoptera	SAMEA7746623	Male	ABDOMEN
<i>Mamestra brassicae</i>	Cabbage moth	Lepidoptera	SAMEA7524129	Male	MID_BODY
<i>Maniola jurtina</i>	Meadow brown	Lepidoptera	SAMEA7523158	Female	WHOLE ORGANISM
<i>Marasmarcha lunaedactyla</i>	Crescent plume	Lepidoptera	SAMEA7701293	Female	WHOLE ORGANISM

<i>Meganola albula</i>	Kent black arches	Lepidoptera	SAMEA7701294	Male	WHOLE ORGANISM
<i>Melanargia galathea</i>	Marbled white	Lepidoptera	SAMEA7523296	Female	WHOLE ORGANISM
<i>Melitaea cinxia</i>	Glanville Fritillary	Lepidoptera	SAMEA7523475	Male	WHOLE ORGANISM
<i>Mellicta athalia</i>	Heath fritillary	Lepidoptera	SAMEA7523312	Female	WHOLE ORGANISM
<i>Mesoligia furuncula</i>	Cloaked minor	Lepidoptera	SAMEA7701289	Female	WHOLE ORGANISM
<i>Mimas tiliae</i>	Lime Hawk-moth	Lepidoptera	SAMEA7520521	Male	ABDOMEN
<i>Mythimna albipuncta</i>	White-point	Lepidoptera	SAMEA8603191	Male	THORAX
<i>Mythimna ferrago</i>	The clay	Lepidoptera	SAMEA7701536	Female	ABDOMEN
<i>Mythimna impura</i>	Smoky wainscot	Lepidoptera	SAMEA7519913	Female	THORAX ABDOMEN
<i>Neocoehylis molliculana</i>	Ox-tongue Conch	Lepidoptera	SAMEA7746615	Unknown	WHOLE ORGANISM
<i>Noctua comes</i>	Lesser yellow underwing	Lepidoptera	SAMEA7701458	Unknown	ABDOMEN
<i>Noctua fimbriata</i>	Broad-bordered yellow underwing	Lepidoptera	SAMEA7519914	Female	THORAX ABDOMEN
<i>Noctua janthe</i>	Lesser broad-boardered yellow underwing	Lepidoptera	SAMEA7701537	Male	ABDOMEN
<i>Noctua pronuba</i>	Large Yellow Underwing	Lepidoptera	SAMEA7519837	Female	WHOLE ORGANISM
<i>Notocelia uddmanniana</i>	Bramble shoot moth	Lepidoptera	SAMEA7519916	Male	WHOLE ORGANISM
<i>Notodonta dromedarius</i>	Iron prominent	Lepidoptera	SAMEA7520190	Male	HEAD THORAX
<i>Notodonta ziczac</i>	Pebble prominent	Lepidoptera	SAMEA7746619	Male	THORAX
<i>Nymphalis c-album</i>	Comma	Lepidoptera	SAMEA7523165	Female	WHOLE ORGANISM
<i>Nymphalis io</i>	Peacock	Lepidoptera	SAMEA7523149	Male	WHOLE ORGANISM
<i>Nymphalis polychloros</i>	Large Tortoiseshell	Lepidoptera	SAMEA7523477	Female	THORAX
<i>Nymphalis urticae</i>	Small tortoiseshell	Lepidoptera	SAMEA7523286	Female	WHOLE ORGANISM
<i>Ochlodes sylvanus</i>	Large skipper	Lepidoptera	SAMEA7523138	Female	WHOLE ORGANISM
<i>Ochropleura plecta</i>	Flame shoulder	Lepidoptera	SAMEA7520524	Female	ABDOMEN
<i>Omphaloscelis lunosa</i>	Lunar underwing	Lepidoptera	SAMEA8603195	Female	THORAX
<i>Operophtera brumata</i>	Winter moth	Lepidoptera	SAMEA8563695	Male	THORAX ABDOMEN
<i>Opisthograptis luteolata</i>	Brimstone moth	Lepidoptera	SAMEA7519838	Male	WHOLE ORGANISM
<i>Orgyia antiqua</i>	Rusty tussock moth	Lepidoptera	SAMEA7524390	Male	THORAX ABDOMEN
<i>Ostrinia nubilalis</i>	European corn borer	Lepidoptera	SAMEA7701321	Unknown	WHOLE ORGANISM
<i>Pammene fasciana</i>	Acorn Piercer	Lepidoptera	SAMEA7701530	Male	WHOLE ORGANISM
<i>Pandemis cinnamomeana</i>	White-faced tortrix	Lepidoptera	SAMEA8603177	Male	WHOLE ORGANISM
<i>Pandemis corylana</i>	Chequered Fruit-tree Tortrix	Lepidoptera	SAMEA7701543	Unknown	WHOLE ORGANISM

<i>Papilio machaon</i>	common yellow swallowtail	Lepidoptera	SAMEA7523121	Female	WHOLE ORGANISM
<i>Parapoynx stratiotata</i>	Ringed china-mark	Lepidoptera	SAMEA7519920	Male	WHOLE ORGANISM
<i>Pararge aegeria</i>	Speckled wood	Lepidoptera	SAMEA7532732	Female	WHOLE ORGANISM
<i>Peribatodes rhomboidaria</i>	Willow beauty	Lepidoptera	SAMEA7701524	Male	ABDOMEN
<i>Perizoma alchemillatum</i>	Small rivulet	Lepidoptera	SAMEA7701545	Unknown	WHOLE ORGANISM
<i>Perizoma flavofasciatum</i>	Sandy carpet	Lepidoptera	SAMEA7701445	Unknown	WHOLE ORGANISM
<i>Phalera bucephala</i>	Buff-tip	Lepidoptera	SAMEA7519921	Female	THORAX ABDOMEN
<i>Pheosia gnoma</i>	Lesser swallow prominent	Lepidoptera	SAMEA7520513	Male	ABDOMEN
<i>Pheosia tremula</i>	Swallow prominent	Lepidoptera	SAMEA7520523	Male	THORAX ABDOMEN
<i>Philereme vetulata</i>	Brown scallop	Lepidoptera	SAMEA7701300	Female	ABDOMEN
<i>Phlogophora meticulosa</i>	Angle shades	Lepidoptera	SAMEA7520192	Female	HEAD THORAX
<i>Photedes minima</i>	Small dotted buff	Lepidoptera	SAMEA7701533	Unknown	WHOLE ORGANISM
<i>Phragmatobia fuliginosa</i>	Ruby tiger moth	Lepidoptera	SAMEA7701498	Male	ABDOMEN
<i>Pieris brassicae</i>	Large white	Lepidoptera	SAMEA7532735	Female	WHOLE ORGANISM
<i>Pieris napi</i>	Green veined white	Lepidoptera	SAMEA7523140	Male	WHOLE ORGANISM
<i>Pieris rapae</i>	Small white	Lepidoptera	SAMEA7523164	Female	WHOLE ORGANISM
<i>Plebejus argus</i>	Silver-studded blue	Lepidoptera	SAMEA7523294	Male	WHOLE ORGANISM
<i>Plutella xylostella</i>	Diamondback moth	Lepidoptera	SAMEA7520369	Male	WHOLE ORGANISM
<i>Polyommatus icarus</i>	Common blue	Lepidoptera	SAMEA7523143	Male	WHOLE ORGANISM
<i>Psoricoptera gibbosella</i>	Humped Groundling	Lepidoptera	SAMEA7746612	Unknown	WHOLE ORGANISM
<i>Ptilodon capucinus</i>	Coxcomb prominent	Lepidoptera	SAMEA7746620	Male	THORAX
<i>Ptycholomoides aeriferana</i>	Yellow Larch Tortrix	Lepidoptera	SAMEA7701538	Unknown	WHOLE ORGANISM
<i>Pyrgus malvae</i>	Grizzled skipper	Lepidoptera	SAMEA7523277	Male	WHOLE ORGANISM
<i>Rhopobota naevana</i>	Holly tortrix	Lepidoptera	SAMEA7701517	Unknown	WHOLE ORGANISM
<i>Schranksia costaestrigalis</i>	Pinion-streaked snout	Lepidoptera	SAMEA7520193	Male	WHOLE ORGANISM
<i>Scotopteryx chenopodiata</i>	Shaded broad-bar	Lepidoptera	SAMEA7701561	Unknown	WHOLE ORGANISM
<i>Selenia dentaria</i>	Early thorn	Lepidoptera	SAMEA7701559	Male	ABDOMEN
<i>Sesia apiformis</i>	Hornet moth	Lepidoptera	SAMEA7701281	Male	HEAD THORAX
<i>Sphinx pinastri</i>	Pine hawkmoth	Lepidoptera	SAMEA7701449	Unknown	ABDOMEN
<i>Spilarctia lutea</i>	Buff ermine	Lepidoptera	SAMEA7631557	Female	ABDOMEN
<i>Spilosoma lubricipeda</i>	White ermine	Lepidoptera	SAMEA7520525	Male	ABDOMEN

<i>Synanthedon vespiformis</i>	Yellow-legged clearwing	Lepidoptera	SAMEA7701494	Male	ABDOMEN
<i>Thumatha senex</i>	Round-winged muslin	Lepidoptera	SAMEA7701482	Unknown	WHOLE ORGANISM
<i>Thyatira batis</i>	Peach blossom	Lepidoptera	SAMEA7519923	Male	THORAX ABDOMEN
<i>Thymelicus lineola</i>	Essex skipper	Lepidoptera	SAMEA7523301	Female	WHOLE ORGANISM
<i>Thymelicus sylvestris</i>	Small skipper	Lepidoptera	SAMEA7523279	Male	WHOLE ORGANISM
<i>Tinea semifulvella</i>	Fulvous Clothes Moth	Lepidoptera	SAMEA7520371	Male	WHOLE ORGANISM
<i>Tinea trinotella</i>	Bird's-nest moth	Lepidoptera	SAMEA7519924	Male	WHOLE ORGANISM
<i>Udea prunalis</i>	Dusky Pearl	Lepidoptera	SAMEA7701501	Unknown	WHOLE ORGANISM
<i>Vanessa atalanta</i>	Red admiral	Lepidoptera	SAMEA7523145	Female	WHOLE ORGANISM
<i>Vanessa cardui</i>	Painted lady	Lepidoptera	SAMEA7523147	Female	WHOLE ORGANISM
<i>Watsonalla binaria</i>	Oak hook-tip	Lepidoptera	SAMEA7746618	Female	ABDOMEN
<i>Xanthorhoe fluctuata</i>	Garden carpet	Lepidoptera	SAMEA7701525	Unknown	WHOLE ORGANISM
<i>Xestia c-nigrum</i>	Setaceous Hebrew character	Lepidoptera	SAMEA8239458	Male	THORAX
<i>Xestia xanthographa</i>	Square-spot rustic	Lepidoptera	SAMEA7520195	Female	HEAD THORAX
<i>Yponomeuta plumbellus</i>	Black-tipped Ermine	Lepidoptera	SAMEA7746626	Unknown	WHOLE ORGANISM
<i>Yponomeuta sedellus</i>	Grey Ermine	Lepidoptera	SAMEA7746622	Male	WHOLE ORGANISM
<i>Ypsolopha scabrella</i>	Wainscot Smudge	Lepidoptera	SAMEA7701504	Male	WHOLE ORGANISM
<i>Ypsolopha sequella</i>	Pied smudge	Lepidoptera	SAMEA7519929	Male	WHOLE ORGANISM
<i>Zeiraphera isertana</i>	Cock's-head Bell	Lepidoptera	SAMEA7701465	Unknown	WHOLE ORGANISM
<i>Zeuzera pyrina</i>	Leopard moth	Lepidoptera	SAMEA7701286	Male	ABDOMEN
<i>Zygaena filipendulae</i>	6-spot burnet	Lepidoptera	SAMEA7519846	Female	WHOLE ORGANISM
<i>Apoderus coryli</i>	Hazel leaf-roller	Coleoptera	SAMEA7520690	Male	WHOLE ORGANISM
<i>Cantharis rustica</i>		Coleoptera	SAMEA7524272	Male	HEAD THORAX
<i>Podabrus alpinus</i>		Coleoptera	SAMEA7520644	Female	WHOLE ORGANISM
<i>Rhagonycha fulva</i>	Common red soldier beetle	Coleoptera	SAMEA7520319	Female	WHOLE ORGANISM
<i>Dromius quadrimaculatus</i>		Coleoptera	SAMEA7520206	Unknown	WHOLE ORGANISM
<i>Nebria brevicollis</i>		Coleoptera	SAMEA7520209	Female	HEAD THORAX
<i>Nebria salina</i>		Coleoptera	SAMEA7524273	Female	THORAX
<i>Ophonus ardosiacus</i>		Coleoptera	SAMEA7746467	Female	ABDOMEN
<i>Pterostichus madidus</i>	Black clock beetle	Coleoptera	SAMEA7520318	Male	HEAD THORAX
<i>Adalia bipunctata</i>	two-spotted ladybird beetle	Coleoptera	SAMEA9089055	Male	WHOLE ORGANISM

<i>Chilocorus renipustulatus</i>	kidney-spot ladybird beetle	Coleoptera	SAMEA7520200	Unknown	WHOLE ORGANISM
<i>Coccinella septempunctata</i>	Seven-spotted ladybird	Coleoptera	SAMEA7520205	Female	WHOLE ORGANISM
<i>Harmonia axyridis</i>	Harlequin ladybird	Coleoptera	SAMEA7520208	Female	WHOLE ORGANISM
<i>Hippodamia variegata</i>	Adonis ladybird	Coleoptera	SAMEA7849270	Unknown	WHOLE ORGANISM
<i>Propylea quattuordecimpunctata</i>	14-spot ladybird	Coleoptera	SAMEA7520316	Unknown	WHOLE ORGANISM
<i>Rhinocyllus conicus</i>		Coleoptera	SAMEA7701490	Unknown	WHOLE ORGANISM
<i>Agrypnus murinus</i>		Coleoptera	SAMEA7701277	Male	ABDOMEN
<i>Melolontha melolontha</i>	cockchafer	Coleoptera	SAMEA7524378	Male	THORAX
<i>Malachius bipustulatus</i>	Common malachite beetle	Coleoptera	SAMEA7520537	Female	WHOLE ORGANISM
<i>Oedemera lurida</i>		Coleoptera	SAMEA7520207	Unknown	WHOLE ORGANISM
<i>Pyrochroa serraticornis</i>	Red-headed cardinal beetle	Coleoptera	SAMEA7524259	Male	THORAX
<i>Phosphuga atrata</i>	Black snail beetle	Coleoptera	SAMEA7520321	Unknown	HEAD THORAX
<i>Ocypus olens</i>	Devil's coach horse	Coleoptera	SAMEA7520211	Female	THORAX ABDOMEN
<i>Philonthus cognatus</i>		Coleoptera	SAMEA8603235	Male	ABDOMEN
<i>Acrocera orbiculus</i>	Top-horned Hunchback	Diptera	SAMEA7701562	Unknown	WHOLE ORGANISM
<i>Delia platura</i>	Bean seed fly	Diptera	SAMEA7746747	Unknown	WHOLE ORGANISM
<i>Machimus atricapillus</i>		Diptera	SAMEA7849389	Male	ABDOMEN
<i>Bombylius discolor</i>	dotted bee fly	Diptera	SAMEA7524252	Female	THORAX
<i>Bombylius major</i>	dark edged bee fly	Diptera	SAMEA7524251	Male	THORAX
<i>Bellardia pandia</i>	Bisetose Emerald-bottle	Diptera	SAMEA7746779	Female	WHOLE ORGANISM
<i>Lucilia richardsi</i>		Diptera	SAMEA8603134	Unknown	THORAX
<i>Pollenia angustigena</i>	Narrow-cheeked Clusterfly	Diptera	SAMEA7746597	Female	THORAX
<i>Protocalliphora azurea</i>	Bird blowfly	Diptera	SAMEA7746778	Male	THORAX
<i>Clusia tigrina</i>		Diptera	SAMEA7701567	Male	WHOLE ORGANISM
<i>Physocephala rufipes</i>	Waisted Beegrabber	Diptera	SAMEA7746469	Unknown	THORAX
<i>Sicus ferrugineus</i>	Ferruginous Bee-grabber	Diptera	SAMEA7520692	Male	WHOLE ORGANISM
<i>Thecophora atra</i>		Diptera	SAMEA7849382	Male	HEAD THORAX
<i>Tipula paludosa</i>	European crane fly	Diptera	SAMEA7520335	Female	HEAD THORAX
<i>Empis livida</i>		Diptera	SAMEA8603147	Unknown	THORAX
<i>Callomyia amoena</i>		Diptera	SAMEA9066034	Female	WHOLE ORGANISM
<i>Stomorhina lunata</i>	Locust Blowfly	Diptera	SAMEA7849406	Female	THORAX

<i>Tachina fera</i>		Diptera	SAMEA7520333	Female	HEAD THORAX
<i>Sarcophaga caerulescens</i>		Diptera	SAMEA7746589	Male	THORAX
<i>Sarcophaga crassimargo</i>		Diptera	SAMEA7746602	Male	WHOLE ORGANISM
<i>Sarcophaga rosellei</i>		Diptera	SAMEA7746603	Male	THORAX
<i>Sarcophaga variegata</i>		Diptera	SAMEA8603132	Male	THORAX
<i>Scathophaga stercoraria</i>	yellow dung fly	Diptera	SAMEA7520161	Male	HEAD THORAX
<i>Coremacera marginata</i>		Diptera	SAMEA7521524	Female	THORAX
<i>Baccha elongata</i>	Gossamer Hoverfly	Diptera	SAMEA7520030	Female	WHOLE ORGANISM
<i>Cheilosia pagana</i>	Parsley Cheilosia	Diptera	SAMEA7746768	Female	WHOLE ORGANISM
<i>Cheilosia soror</i>	Red-horned Truffle Cheilosia	Diptera	SAMEA7520031	Female	WHOLE ORGANISM
<i>Cheilosia vulpina</i>	Large Burdock Cheilosia	Diptera	SAMEA7746587	Female	THORAX
<i>Chrysotoxum bicinctum</i>	Two-banded wasp hoverfly	Diptera	SAMEA7520032	Female	HEAD THORAX
<i>Chrysotoxum verralli</i>	Verrall's wasp hoverfly	Diptera	SAMEA7520033	Female	THORAX
<i>Criorhina berberina</i>	Dimorphic Bear Hoverfly	Diptera	SAMEA7701563	Female	ABDOMEN
<i>Epistrophe grossulariae</i>	Broad-banded Epistrophe	Diptera	SAMEA8603153	Female	ABDOMEN
<i>Episyrrhus balteatus</i>	Marmalade hoverfly	Diptera	SAMEA7520035	Unknown	HEAD THORAX
<i>Eristalinus sepulchralis</i>	Small Spotty-eyed Dronefly	Diptera	SAMEA7746477	Female	THORAX
<i>Eristalis arbustorum</i>	Plane-faced dronefly	Diptera	SAMEA7520036	Female	HEAD THORAX
<i>Eristalis horticola</i>		Diptera	SAMEA7702268	Female	WHOLE ORGANISM
<i>Eristalis pertinax</i>	Tapered Dronefly	Diptera	SAMEA7520039	Male	HEAD THORAX
<i>Eristalis tenax</i>	Common Dronefly	Diptera	SAMEA7520042	Female	HEAD THORAX
<i>Eupeodes corollae</i>		Diptera	SAMEA7524255	Female	THORAX ABDOMEN
<i>Eupeodes latifasciatus</i>	Meadow Field Syrph	Diptera	SAMEA7746776	Female	THORAX
<i>Leucozona laternaria</i>	Dark-saddled Leucozona	Diptera	SAMEA8603164	Female	THORAX
<i>Melanostoma mellinum</i>	Dumpy grass hoverfly	Diptera	SAMEA7520051	Male	HEAD THORAX
<i>Melanostoma scalare</i>	Slender grass hoverfly	Diptera	SAMEA7520053	Male	HEAD THORAX
<i>Myathropa florea</i>	Batman hoverfly	Diptera	SAMEA7520156	Male	HEAD THORAX
<i>Platycheirus albimanus</i>	White-footed hoverfly	Diptera	SAMEA7520157	Female	HEAD THORAX
<i>Rhingia campestris</i>	Common Snout-hoverfly	Diptera	SAMEA7520159	Male	ABDOMEN
<i>Scaeva pyrastris</i>	Pied hoverfly	Diptera	SAMEA7520160	Female	HEAD THORAX
<i>Sphaerophoria taeniata</i>		Diptera	SAMEA7746606	Male	THORAX ABDOMEN

<i>Volucella inanis</i>	Lesser hornet hoverfly	Diptera	SAMEA7520171	Female	HEAD THORAX
<i>Volucella inflata</i>	Cossus Hoverfly	Diptera	SAMEA7701275	Male	ABDOMEN
<i>Xanthogramma pedissequum</i>	Superb ant-hill hoverfly	Diptera	SAMEA7520951	Male	THORAX
<i>Xylota sylvarum</i>	Golden-tailed hoverfly	Diptera	SAMEA7520173	Male	HEAD THORAX
<i>Cistogaster globosa</i>		Diptera	SAMEA7746478	Male	WHOLE ORGANISM
<i>Gymnosoma rotundatum</i>		Diptera	SAMEA7849381	Male	THORAX
<i>Nowickia ferox</i>		Diptera	SAMEA7746479	Female	THORAX
<i>Thecocarcelia acutangulata</i>		Diptera	SAMEA7746598	Female	THORAX
<i>Anomoia purmunda</i>	Hawthorn fruitfly	Diptera	SAMEA7520325	Female	WHOLE ORGANISM
<i>Merzomyia westermanni</i>		Diptera	SAMEA7746463	Unknown	THORAX ABDOMEN
<i>Terellia serratulae</i>		Diptera	SAMEA7520334	Female	WHOLE ORGANISM
<i>Bibio marci</i>	St Mark's Fly	Diptera	SAMEA7524263	Male	ABDOMEN
<i>Nephrotoma flavescens</i>	Tiger Cranefly	Diptera	SAMEA7520954	Male	WHOLE ORGANISM
<i>Cloeon dipterum</i>	Pond Olive	Ephemeroptera	SAMEA7520803	Unknown	WHOLE ORGANISM
<i>Ecdyonurus torrentis</i>	Large brook dun	Ephemeroptera	SAMEA7520824	Unknown	THORAX POSTERIOR_BODY
<i>Rhithrogena germanica</i>		Ephemeroptera	SAMEA9065858	Unknown	ANTERIOR_BODY
<i>Acanthosoma haemorrhoidale</i>	Hawthorn shieldbug	Hemiptera	SAMEA8563710	Male	ABDOMEN
<i>Gonocerus acuteangulatus</i>	Box Bug	Hemiptera	SAMEA7524254	Unknown	THORAX ABDOMEN
<i>Pantilius tunicatus</i>		Hemiptera	SAMEA7520359	Unknown	HEAD THORAX
<i>Himacerus mirmicoides</i>	Ant damselbug	Hemiptera	SAMEA7520349	Unknown	WHOLE ORGANISM
<i>Notonecta glauca</i>	Backswimmer / Water Boatman	Hemiptera	SAMEA7520812	Unknown	WHOLE ORGANISM
<i>Icerya purchasi</i>	cottony cushion scale	Hemiptera	SAMEA7523480	Female	WHOLE ORGANISM
<i>Aelia acuminata</i>	Bishop's mitre shieldbug	Hemiptera	SAMEA7520338	Male	WHOLE ORGANISM
<i>Eurydema oleracea</i>	Brassica shieldbug	Hemiptera	SAMEA7701485	Unknown	WHOLE ORGANISM
<i>Planococcus citri</i>	citrus mealybug	Hemiptera	SAMEA7523510	Female	WHOLE ORGANISM
<i>Andrena dorsata</i>	Short-fringed Mining Bee	Hymenoptera	SAMEA7746464	Female	THORAX
<i>Andrena haemorrhoa</i>	Red-tailed mining bee	Hymenoptera	SAMEA7520535	Female	ABDOMEN
<i>Andrena hattorfiana</i>	Large scabious mining bee	Hymenoptera	SAMEA7746468	Female	THORAX
<i>Bombus campestris</i>	Field cuckoo-bee	Hymenoptera	SAMEA7520482	Male	HEAD THORAX
<i>Bombus hortorum</i>	Garden bumblebee	Hymenoptera	SAMEA7520483	Female	HEAD THORAX
<i>Bombus hypnorum</i>	Tree bumblebee	Hymenoptera	SAMEA7520655	Male	HEAD THORAX

<i>Bombus pascuorum</i>	Common carder bee	Hymenoptera	SAMEA7520484	Female	HEAD THORAX
<i>Bombus pratorum</i>	Early bumblebee	Hymenoptera	SAMEA7520485	Female	HEAD THORAX
<i>Bombus sylvestris</i>	Forest cuckoo bee	Hymenoptera	SAMEA7520657	Male	HEAD THORAX
<i>Bombus terrestris</i>	buff-tailed bumblebee	Hymenoptera	SAMEA7520487	Female	HEAD THORAX
<i>Nomada fabriciana</i>	Fabricius' Nomad Bee	Hymenoptera	SAMEA7520701	Female	WHOLE ORGANISM
<i>Hylaeus communis</i>	Common Yellow-face Bee	Hymenoptera	SAMEA7746754	Female	WHOLE ORGANISM
<i>Cerceris rybyensis</i>	Ornate Tailed Digger Wasp	Hymenoptera	SAMEA7701329	Female	ABDOMEN
<i>Ectemnius continuus</i>		Hymenoptera	SAMEA7520490	Female	HEAD THORAX
<i>Ectemnius lituratus</i>		Hymenoptera	SAMEA7520491	Female	HEAD THORAX
<i>Mimumesa dahlbomi</i>		Hymenoptera	SAMEA8603165	Male	WHOLE ORGANISM
<i>Nysson spinosus</i>	Large Spurred Digger Wasp	Hymenoptera	SAMEA7520702	Female	HEAD THORAX
<i>Pemphredon lugubris</i>	Mournful Wasp	Hymenoptera	SAMEA8603139	Unknown	THORAX
<i>Trypoxylon clavicerum</i>	Club Horned Wood Borer Wasp	Hymenoptera	SAMEA7701565	Female	WHOLE ORGANISM
<i>Myrmica sabuleti</i>		Hymenoptera	SAMEA7520497	Female	WHOLE ORGANISM
<i>Lasioglossum calceatum</i>	Common furrow bee	Hymenoptera	SAMEA7849393	Unknown	WHOLE ORGANISM
<i>Lasioglossum lativentre</i>	Furry-claspered furrow bee	Hymenoptera	SAMEA7746765	Male	WHOLE ORGANISM
<i>Lasioglossum leucozonium</i>	White-zoned furrow bee	Hymenoptera	SAMEA7746759	Male	WHOLE ORGANISM
<i>Lasioglossum malachurum</i>	Sharp-collared furrow bee	Hymenoptera	SAMEA7746751	Female	WHOLE ORGANISM
<i>Lasioglossum morio</i>	Common green furrow bee	Hymenoptera	SAMEA7746456	Male	WHOLE ORGANISM
<i>Lasioglossum pauxillum</i>	Base-banded furrow bee	Hymenoptera	SAMEA7520494	Female	WHOLE ORGANISM
<i>Seladonia tumulorum</i>	Bronze furrow bee	Hymenoptera	SAMEA7746445	Male	WHOLE ORGANISM
<i>Sphecodes ephippius</i>	Bare-saddled blood bee	Hymenoptera	SAMEA7746758	Male	WHOLE ORGANISM
<i>Sphecodes monilicornis</i>	Box-headed blood bee	Hymenoptera	SAMEA7746755	Male	THORAX
<i>Amblyteles armatorius</i>		Hymenoptera	SAMEA7520946	Male	THORAX ABDOMEN
<i>Buathra laborator</i>		Hymenoptera	SAMEA8534297	Unknown	THORAX
<i>Ichneumon xanthorius</i>		Hymenoptera	SAMEA7746465	Female	THORAX
<i>Ophion luteus</i>		Hymenoptera	SAMEA8534284	Female	ABDOMEN
<i>Scambus nigricans</i>		Hymenoptera	SAMEA7849231	Female	WHOLE ORGANISM
<i>Megachile ligniseca</i>	Wood-carving leaf-cutter bee	Hymenoptera	SAMEA7520495	Female	WHOLE ORGANISM
<i>Megachile willughbiella</i>	Willughby's leaf-cutter bee	Hymenoptera	SAMEA7520496	Female	WHOLE ORGANISM
<i>Macropis europaea</i>	Yellow loosestrife Bee	Hymenoptera	SAMEA7746440	Male	THORAX

<i>Anoplius nigerrimus</i>		Hymenoptera	SAMEA7746764	Unknown	THORAX
<i>Evagetes crassicornis</i>		Hymenoptera	SAMEA7746601	Unknown	WHOLE ORGANISM
<i>Athalia circularis</i>		Hymenoptera	SAMEA7746777	Unknown	WHOLE ORGANISM
<i>Athalia cordata</i>		Hymenoptera	SAMEA7746763	Unknown	WHOLE ORGANISM
<i>Athalia rosae</i>	Coleseed sawfly	Hymenoptera	SAMEA7520481	Unknown	ABDOMEN
<i>Tenthredo livida</i>		Hymenoptera	SAMEA7520699	Unknown	HEAD THORAX
<i>Tenthredo notha</i>		Hymenoptera	SAMEA7746761	Unknown	THORAX
<i>Tiphia femorata</i>	Beetle killing wasp	Hymenoptera	SAMEA7520499	Female	WHOLE ORGANISM
<i>Ancistrocerus nigricornis</i>	Early mason-wasp	Hymenoptera	SAMEA7746762	Female	THORAX
<i>Dolichovespula media</i>	Median wasp	Hymenoptera	SAMEA7520488	Female	HEAD THORAX
<i>Dolichovespula saxonica</i>	Saxon wasp	Hymenoptera	SAMEA7520489	Male	HEAD THORAX
<i>Dolichovespula sylvestris</i>	Tree wasp	Hymenoptera	SAMEA7746475	Male	THORAX
<i>Vespa crabro</i>	European hornet	Hymenoptera	SAMEA7520500	Female	THORAX
<i>Vespula germanica</i>	German wasp	Hymenoptera	SAMEA7520501	Female	HEAD THORAX
<i>Vespula vulgaris</i>	Common wasp	Hymenoptera	SAMEA7520502	Female	HEAD THORAX
<i>Chrysoperla carnea</i>	Common green lacewing	Neuroptera	SAMEA7520372	Female	WHOLE ORGANISM
<i>Ischnura elegans</i>	Blue-tailed damselfly	Odonata	SAMEA7521125	Female	WHOLE ORGANISM
<i>Sympetrum striolatum</i>	Common darter	Odonata	SAMEA7520376	Female	HEAD THORAX
<i>Chorthippus brunneus</i>	Field grasshopper	Orthoptera	SAMEA7520377	Unknown	HEAD
<i>Chorthippus parallelus</i>	Meadow grasshopper	Orthoptera	SAMEA7520378	Unknown	HEAD
<i>Teleogryllus oceanicus</i>	Black field cricket	Orthoptera	SAMEA8023467	Female	WHOLE ORGANISM
<i>Meconema thalassinum</i>	Oak bush-cricket	Orthoptera	SAMEA7520379	Male	THORAX ABDOMEN
<i>Leuctra nigra</i>		Plecoptera	SAMEA7521360	Male	WHOLE ORGANISM
<i>Nemoura dubitans</i>		Plecoptera	SAMEA9065873	Female	WHOLE ORGANISM
<i>Nemurella pictetii</i>		Plecoptera	SAMEA7520996	Male	WHOLE ORGANISM
<i>Glyphotaelius pellucidus</i>		Trichoptera	SAMEA7520965	Male	WHOLE ORGANISM
<i>Limnephilus lunatus</i>		Trichoptera	SAMEA7521206	Female	WHOLE ORGANISM
<i>Limnephilus marmoratus</i>		Trichoptera	SAMEA7520990	Male	WHOLE ORGANISM
<i>Limnephilus rhombicus</i>		Trichoptera	SAMEA7849396	Male	ABDOMEN
<i>Polycentropus irroratus</i>		Trichoptera	SAMEA9065840	Unknown	ANTERIOR_BODY