

True Flies (Diptera) of Keele University

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Diptera are insects that have just one pair of wings as opposed to all other winged insects that have two pairs. They come in a wide variety of shapes and sizes and are, with a few exceptions, the study of specialists rather than the casual naturalist.

The diptera in this list were recorded by random searching. Most of the records come from the area between the former sewage works and the entrance from Lymes Road. Here there are plenty of umbellifers, brambles and thistles. Barnes Dell is also good for shade-loving species.

It is difficult to categorise the diptera as they have not been well recorded in the county. However, amongst them are a few indicators of old woodland eg. *Brachypalpoides lentus* and *Xylophagus ater*. *Arctophila superbiens* is a northern species at the southern end of its range while *Megasyrphus annulipes* and *Criorhina floccosa* are scarce species in Staffordshire generally. The following are described as 'Notable' in English Nature's 'Red Data Book of Insects': *Pteromicra angustipennis*, *Arctophila superbiens*, *Brachypalpoides lentus*, *Didea fasciata*, *Megasyrphus erratica* and *Platycheirus tarsalis*.

Anisopodidae – Window Gnats

Anisopus punctatus Fabricius

Sylvicola conctus Fabricius

Bibionidae – St. Marks Flies

Bibio lanigerus Meigen

Bibio leucopterus Meigen

Bibio marci Linnaeus

Bibio pomonae Fabricius

Dilophus febrilis Linnaeus

Calliphoridae – Blow Flies

Bellardia pusilla Meigen

Calliphora vomitoria Meigen

Onesia aculeata Pantellé

Onesia cognata Meigen

Pollenia rudis Fabricius

Protocalliphora sordida Zetterstedt

Conopidae – Thick-headed Flies

Conops flavipes Linnaeus

Conops quadrifasciatus DeGeer

Physocephala rufipes Fabricius

Dolichopodidae – Long-legged Flies

Argyra diaphana Fabricius

Argyra leucocephala Meigen

Campsicnemus loripes Haliday

Chrysotus gramineus Fallén

Dolichopus festivus Haliday

Dolichopus longitarsis Stannius

Dolichopus popularis Wiedemann

Dolichopus trivialis Haliday

Dolichopus unguatus Linnaeus

Rhaphium appendiculatum Zetterstedt

Rhaphium caliginosum Meigen

Rhaphium crassipes Meigen

Rhaphium riparium Meigen

Drosophilidae - Fruit Flies

Scaptomyza flava Fallén

Dryomyzidae

Dryomyza analis Fallén

Empididae

Empis grisea Fallén

Empis stercorea Linnaeus

Hilara intersticta Fallén

Hilara litorea Fallén

Hilara maura Fabricius

Hybos femoratus Müller

Kritempis livida Linnaeus

Oedalea homgreni Zetterstedt

Platypalpus luteus Meigen

Polyblepharis opaca Meigen

Rhamphomyia pilifera Meigen

Rhamphomyia erythrophthalma Meigen

Heleomyzidae

Heleomyza ustulata Meigen

Suillia variegata Loew

Tephrochlamys rufiventris Meigen

Lauxaniidae

Lyciella pallidiventris Fallén

Minettia inusta Meigen

Tricholauxania praeusta

Lonchaeidae

Lonchaea flavidipennis Zetterstedt

Lonchopteridae

Lonchoptera lutea Panzer

Muscidae

Dasyphora cyanella Meigen

Graphomya maculata Scopoli

Helina impunctata Fallén

Hydrotaea dentipes Fabricius

Macrorchis meditata Fallén

Morellia aenescens Desvoidy

Myospila mediatunda Fabricius

Orthellia caesarion Meigen

Phaonia basalis Zetterstedt

Phaonia errans Meigen

Phaonia populi Meigen

Phaonia signata Meigen

Phaonia variegata Meigen

Phaonia viarum Desvoidy

Polietes lardarius Fabricius

Opomyzidae

Opomyza florum Fabricius

Pallopteridae

Paloptera umbellatarum Fabricius

Platypozidae

Callomyia amoena Meigen

Rhagionidae

Chrysopilus cristatus Fabricius

Rhagio scolopacea Linnaeus

Scathophagidae - Dung Flies

Scathophaga furcata Say

Scathophaga inquinata Meigen

Scathophaga lutaria Linnaeus

Scathophaga stercoraria Linnaeus

Sciomyzidae - Snail-eating Flies

Pteromicra angustipennis Staeger

Tetanocera elata Fabricius

Tetanocera ferruginea Fallén

Tetanocera hyalipennis von Roser

Sepsidae

Sepsis fulgens Meigen

Sepsis violacea Meigen

Simuliidae - Blackflies

Simulium ornatum Meigen

Stratiomyidae - Soldier Flies

Beris chalybeata Forster

Chloromyia formosa Scopoli

Microchrysia flavicornis Meigen

Oxycera rara

Sargus iridatus Scopoli

Syrphidae - Hoverflies

Arctophila superbiens Müller

Brachypalpoides lentus Linnaeus

Cheilosia albitarsis Meigen

Cheilosia bergenstammi Becker

Cheilosia illustrata Harris

Cheilosia impressa Loew

Cheilosia pagana Meigen

Cheilosia variabilis Panzer

Cheilosia vernalis Fallén

Chrysogaster cemiteriorum Linnaeus

Chrysogaster macquarti Loew

Chrysogaster solstitialis Fallén

Criorhina berberina f. *oxyacanthae* Meigen

Criorhina floccosa Meigen

Dasysyrphus albostratus Fallén

Dasysyrphus pinastri Degeer

Dasysyrphus tricinctus Fallén

Dasysyrphus venustus Meigen

Didea fasciata Macquart
Eoseristalis abusivus Collin
Eoseristalis arbustorum Linnaeus
Eoseristalis horticola Degeer
Eoseristalis intricarius Linnaeus
Eoseristalis nemorum Linnaeus
Eoseristalis pertinax Scopoli
Epistrophe eligans Harris
Epistrophe grossulariae Meigen
Eristalis interruptus Poda
Eristalinus sepulchralis Linnaeus
Eristalis tenax Linnaeus
Eumerus tuberculatus Rondani
Eupeodes corollae Fabricius
Eupeodes luniger Meigen
Helophilus pendulus Linnaeus
Lejogaster metallina Fabricius
Leucozona glaucia Linnaeus
Leucozona laternaria Müller
Leucozona lucorum Linnaeus
Megasyrphus erratica Linnaeus
Melangyna compositarum Verrall
Melangyna labiatarum Verrall
Melangyna lasiophthalma Zetterstedt
Melangyna umbellatarum Fabricius
Melanogaster hirtella Loew
Melanostoma mellinum Linnaeus
Melanostoma scalare Fabricius
Meligramma cincta Fallén
Meliscaeva cinctella Zetterstedt
Myathropa florea Linnaeus
Neoascia podagrica Fabricius
Parasyrphus lineolus Zetterstedt
Parasyrphus punctulatus Verrall
Parhelophilus versicolor
Pipiza austriaca Meigen

Pipiza noctiluca Linnaeus
Platycheirus albimanus Fabricius
Platycheirus angustatus Zetterstedt
Platycheirus clypeatus Meigen
Platycheirus manicatus Meigen
Platycheirus peltatus Meigen
Platycheirus scutatus Meigen
Platycheirus tarsalis Schummel
Pyrophaena granditarsa Forster
Rhingia campestris Meigen
Riponnensia splendens Meigen
Scaeva pyrastris Linnaeus
Sericomyia silentis Harris
Sphegina clunipes Fallén
Sphegina elegans Schummel
Syrirta pipiens Linnaeus
Syrphus ribesii Linnaeus
Syrphus torvus Osten-Sacken
Syrphus vitripennis Meigen
Volucella bombylans Linnaeus
Volucella pellucens Linnaeus
Xylota segnis Linnaeus
Xylota sylvarum Linnaeus

Tabanidae - Horseflies

Chrysops caecutiens Linnaeus
Haematopota pluvialis Linnaeus

Tachinidae - Parasite Flies

Gymnochaeta viridis Fallén
Servillia ursina Meigen
Siphona geniculata Degeer

Tephritidae - Picture-wing Flies

Urophora jaceana Hering

Xylophagidae

Xylophagus ater Meigen