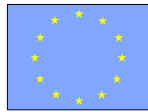


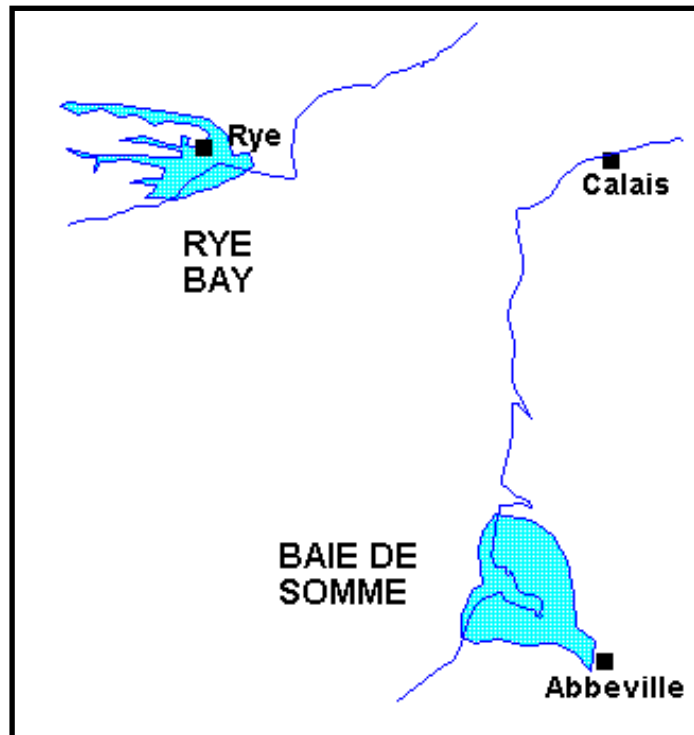
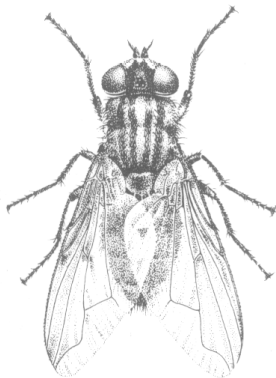
THE DIPTERA OF RYE BAY

A SPECIALIST REPORT OF THE INTERREG II PROJECT

TWO BAYS, ONE ENVIRONMENT
a shared biodiversity with a common focus



THIS PROJECT IS BEING PART-FINANCED BY
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The Diptera of Rye Bay

This Specialist Report Contains Species Statements of
17 Red Data Book Diptera, the two-winged flies.

P.P. Roper and B.J. Yates

April 2000

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Introduction to the Two Bays Project

by Barry Yates

Two Bays, One Environment - a shared biodiversity with a common focus,

is a project part-financed by the European Community European Regional Development Fund through INTERREG II in the category of 'Conservation and regeneration of the region's heritage (conservation and promotion of natural parks and the countryside).' The English lead partner is East Sussex County Council (ESCC) and the French lead partner is the Syndicat Mixte pour l'Aménagement de la Cote Picarde (SMACOPI).

The project encompasses areas in England and France, adjacent to, but separated by the English Channel / La Manche. The Baie de Somme (50°09'N 1°27'E) in Picardy, France, lies 90 km to the southeast of Rye Bay (50°56'N 0°45'E) in East Sussex, England (see map on front cover). Both of these bays have a wetland character with similar habitats and species (Yates and Triplet, 1998).

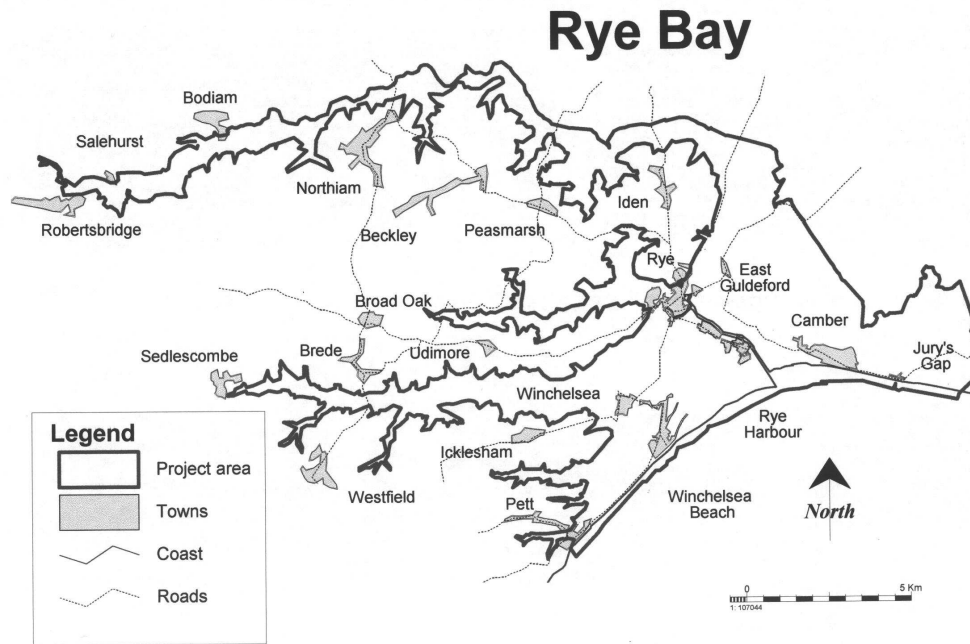
The project has four aims and this specialist report on Diptera, the two-winged flies, addresses aspects of each one:

1. **Study and record the wildlife** – this report summarises our current knowledge about the rarest of species and provides a basis for further study.
2. **Identify the main habitats present and how they can be enhanced** – this report highlights (where known) the specific habitat requirements of the rare species, which will facilitate suitable habitat management by site managers.
3. **Encourage farmers and landowners to manage areas for wildlife** – this report identifies the species that require careful consideration when considering habitat management. It is these species that site managers can be most proud of.
4. **Promote understanding of the wildlife importance of the Two Bays** – the rare species in this report can be a route to the wider appreciation of the special character of the Two Bays.

Rye Bay

The Rye Bay area, covering 91 km², corresponds to the East Sussex section of the Romney Marshes Natural Area. This area includes the valleys of the Rother, Tillingham and Brede, and the levels of Pett, East Guldeford and Broomhill. The project boundaries are the low water line along the shore, the ten metre contour line and the county boundary with Kent (see map below). Within Rye Bay there are few towns, villages and other settlements and the land use is dominated by agriculture, although in the summer there is increased pressure from tourism.

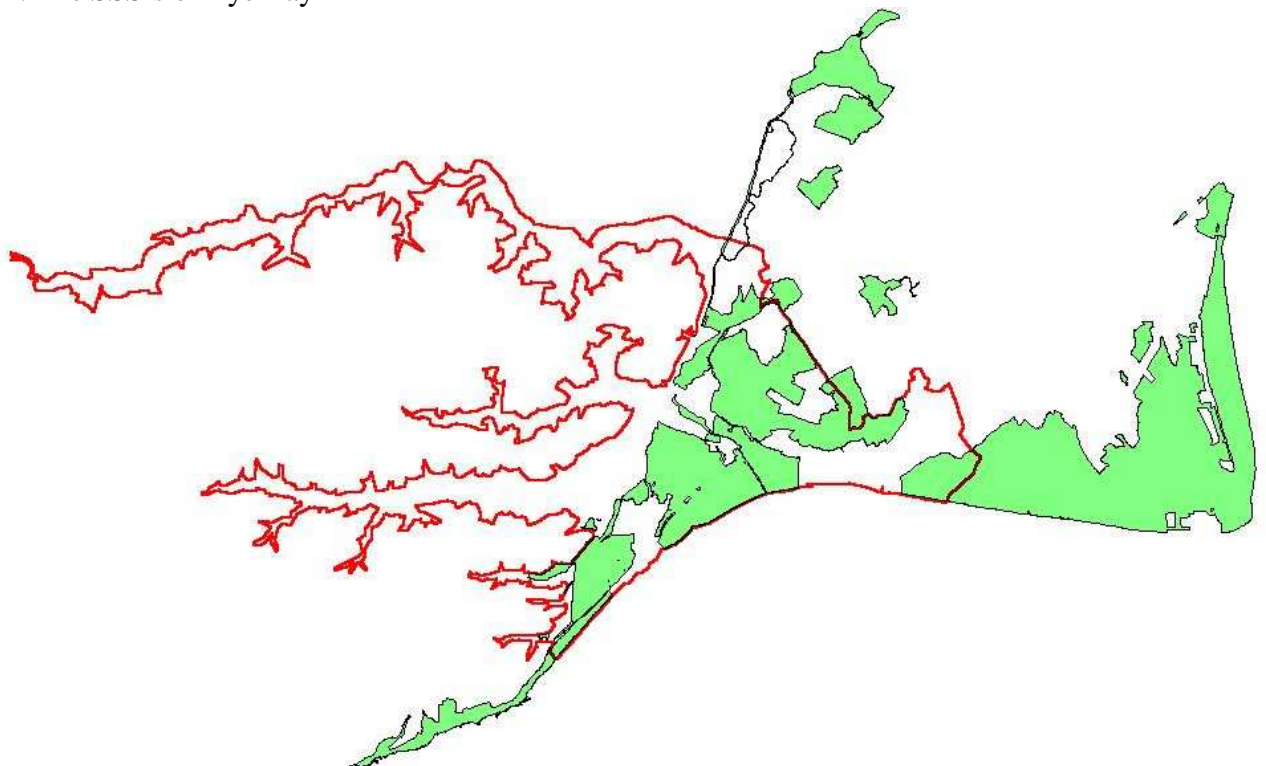
Fig. 1. Rye Bay Location Map



Within this Rye Bay there are large areas with wildlife designations:

- Eight Sites of Special Scientific Interest (SSSI) totalling 28.4 km.² in the Rye Bay area (see map below); all of - Rye Harbour SSSI, Pett Level SSSI, Camber and Rother Saltings SSSI, Winchelsea Cutting and Houghton Green Cliff SSSI, and part of - Walland Marsh SSSI, Dungeness SSSI and Hastings Cliff - Pett Beach SSSI.

Fig. 2. The SSSIs of Rye Bay



- A Special Protection Area (SPA): Dungeness to Pett Level site 1209A (part in Rye Bay)
- A candidate Ramsar wetland site: Dungeness to Pett Level site 1209A (part in Rye Bay)
- A candidate Special Area of Conservation (SAC): Dungeness (part in Rye Bay)

- An Important Bird Area (IBA): Dungeness to Pett Level site 204 (part in Rye Bay)
- Six Sites of Nature Conservation Importance (SNCI): Brede Valley, Powdermill Reservoir, Mountsfield, Camber Sands, Dogs Hill Road, Pett Levels all designated in 1997.

And there are large areas managed with wildlife in mind, including:

- A Local Nature Reserve: Rye Harbour established in 1970.
- Two Sussex Wildlife Trust Reserves: Pett Pools and Castle Water established in 1992.
- A Wetland Trust Nature Reserve: Pannel Valley established in 1986.
- Three farms owned by the National Trust: Wickham Manor, Crutches Farm and Marsham Farm.
- Numerous private landowners in the Countryside Stewardship Scheme administered by the Ministry of Agriculture Fisheries and Food (MAFF).

Rye Bay has all of these designations and specially managed wildlife sites because of the variety and rarity of the habitats within it. These habitats include:

- **Intertidal** areas, which have important hidden wildlife as well as the more obvious flocks of gulls and wading birds.
- **Shingle** is the most important habitat around Rye because of its global rarity. For hundreds of years the power of the sea has formed great shingle ridges and still modifies the coast every day, sometimes dramatically. There are numerous rare and endangered plants and animals, which live on the new **bare shingle** such as the Sea Pea, the Little Tern and the flea beetle *Dibolia cynoglossi*. Older **vegetated shingle ridges** further inland are also very special habitats with special communities of plants and animals. The vegetation of these areas is maintained by sympathetic grazing.
- **Saltmarsh** is a habitat that was once extensive, but is now squeezed along the River Rother from Scots Float to the River Mouth. It has a unique character and is loved by artists, especially in the autumn when plants turn red and brown. Saltmarsh is home to the scarce Sea Heath and some breeding birds like Yellow Wagtail and Redshank.
- **Sand dunes** are areas that attract people, especially during sunny weather. They also are important for some plants such as Sea Spurge and many different solitary bees and wasps.
- **Grassland** in Rye Bay is no longer the traditional 'wet grassland' that it used to be. Efficient land drainage has created drier ground by managing a network of ditches. Botanical interest is mainly reduced to the ditches and more sandy areas.
- **Wetland** habitats are of great interest in Rye Bay, especially for bird life. For example, up to 600 Whimbrel roost at night on the Nature Reserve and feed in the grassland of Rye Bay during the day. Reedbeds form a special habitat for species such as Bittern and Reed Warbler. An important aspect of the wetlands is the gradient of salinity from salt water through to freshwater.

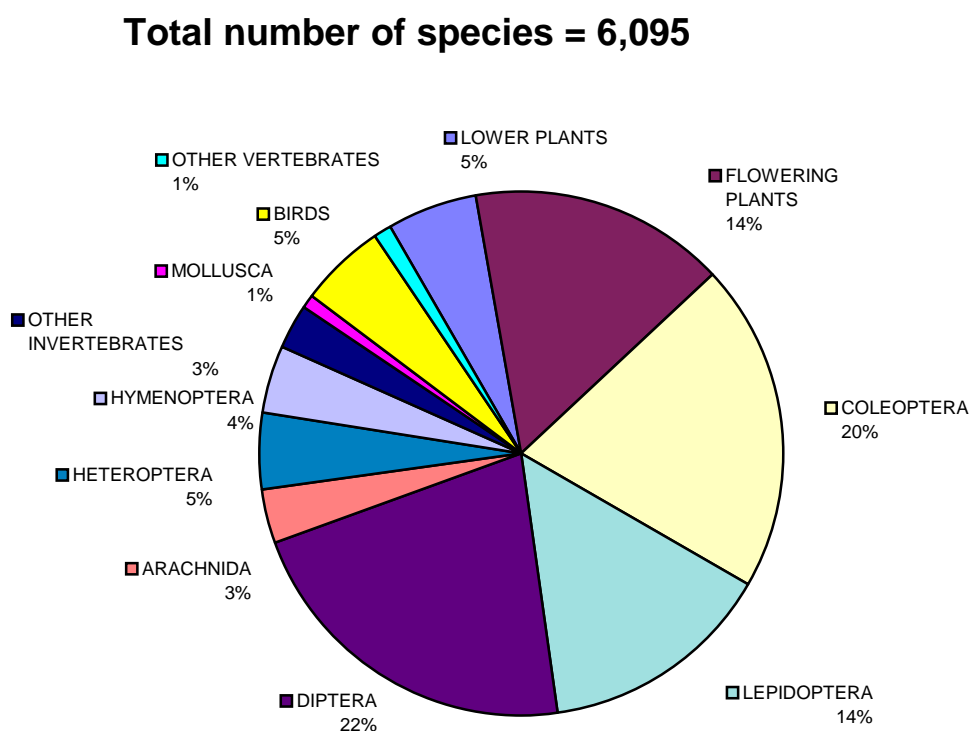
- **Open Water** has been created by the extraction of shingle, sand and clay. These areas of open water, like Pett Pools, Castle Water and Northpoint Pit are habitat for rare species such as Smew, Medicinal Leech and Saltmarsh Goosefoot.
- **Rivers** are the main arteries of the river valleys, providing the main drainage of the area. To improve this function they have been greatly modified and are heavily managed - the sea is excluded and the levels maintained.
- The old cliff line, such as at Cadborough Cliff has important micro-habitats such as **rock exposures** and **freshwater seepages**.

Rye Bay Wildlife

Following from the variety and diversity of habitats in Rye Bay, there is a great diversity of species, including a great many rarities – Rye Bay has a great biodiversity. Many species that are declining nationally still retain a stronghold in this area, for example the good populations of several farmland bird species, the Water Vole, the Medicinal Leech, the Marsh-mallow plant and moth, and many rare species of two-winged flies – the Diptera .

The Two Bays, One Environment project has brought together much of the existing wildlife records of the Rye Bay area and encouraged additional recording. Since the production of the first project report in August 1998 the total number of species recorded has increased from 4,617 to 6,095 by January 2000. The number of Diptera has, over the same period, increased from 477 to 1,317, representing 22% of recorded species – the single largest taxon.

Fig. 3. Rye Bay Species



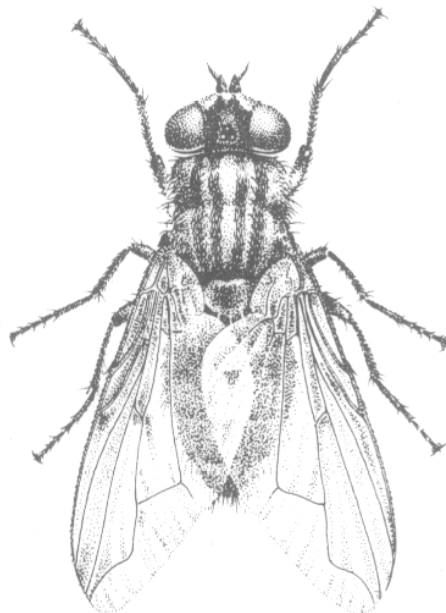
The number of records, species and their British status (according to Recorder 3.3) is summarised below;

Table 1: The British Status of the Species of Rye Bay.

	Common	Local	Notable	Rare	Total Species	Records
Diptera	941	283	72	21	1,317	4,941
All Species	4,246	1,139	475	235	6,095	147,777

Of the 6,095 species and 1,317 Diptera recorded so far, the most important are those considered to be rare. The rare category includes 21 Diptera species considered as Red Data Book species (RDB – see later section for detail), representing the species that are truly rare or endangered in Britain. This specialist report contains 17 Species Statements of RDB Diptera (the recent records of *Phaonia scutellata*, *Clusiodes geomyzina*, *Tabanus bovinus* and *Ectrepesthoneura colyeri* require some further clarification before species statements are produced). It is hoped that a series of these reports will be produced, so that they can together form an account of the species groups in Rye Bay and produce an important information resource.

The wildlife database is maintained on RECORDER and species records, distribution maps or summaries are available on request from the Two Bays, One Environment project at the address on the cover page.



The House Fly *Musca domestica*

Diptera of Rye Bay

by Patrick Roper

Most habitats contain an abundance of Diptera, the two-winged flies and, with its considerable habitat diversity, the Rye Bay area is particularly rich. These range from a few seashore species, to those associated with brackish and fresh water, with sand dunes, saltings, grassland, marsh and woodland. Many species are specialised and breed in animal dung, decaying wood, nests of birds, bees and wasps, fungi, soil, mud or carcasses. Some fly larvae are leaf miners or gall formers and others internal parasites of caterpillars, beetles, plant hoppers, ants, earthworms, snails, woodlice, toads, spiders, sheep, horses, cattle and other creatures.

Many flies are attractive to the general naturalist and walker. Most people with an interest in the countryside are aware of crane flies (Tipulidae), robber flies (Asilidae), bee flies (Bombyliidae), soldier flies (Stratiomyidae), hover flies (Syrphidae) and the large numbers of Calypterate species like variously-coloured bluebottles and houseflies that jostle on the flat white umbels of hogweed all summer and ivy flowers in the autumn. Other flies may not be known by name but are an important part of the wild scene: the slowly gyrating swarms of Chironomidae in summer, or of winter gnats, the Trichoceridae, in the colder months.

A few flies draw attention to themselves by biting human beings for a blood meal. These include some (not all) mosquitoes, the biting midges and horse flies. Members of one family, the Hippoboscidae, live in the plumage of birds and the Nycteribiidae in the fur of bats as well as in their nests and roosts.

Flies are a very important source of food for birds, bats, fish, amphibians, and some other flies and invertebrates. Migrant insectivorous birds gathering in the bushy places along the coast, for example, are always likely to have a ready supply of midges and small crane flies that have bred in or near the various pools and gravel pits to fuel them for their travels.

Like other invertebrates, flies need an unpolluted substrate in which to develop. As adults they often require nectar, rotten fruit or prey in order to complete their life cycle and habitats rich in water, flowers and other invertebrates are often essential. For some higher plants flies are important pollinators and they help to distribute the spores of many kinds of fungi.

The richest habitats for Diptera in the Rye Bay area are the wetlands with a good growth of emergent vegetation providing the flowers with their nectar and pollen that many flies need during their adult lives. Of particular interest are the undredged, cattle or sheep grazed dykes, and the reed-fringed lakes, pools and canals. There are also many species associated with running water and there are different Diptera from the larger rivers, the streams and the woodland springs and ghylls. The sparse grass cover that develops on some sandy or shingly areas has its own characteristic species and is particularly favoured by the Chloropidae.

Woodland (in particular open marshy woodland in the rather few areas where it occurs) is often very rich, especially if trees have been left to decay naturally and fallen timber to lie undisturbed. If otter holts are reintroduced to the area they will provide habitats for a very wide range of saproxylic and dung/rotten fish breeding flies and other invertebrates, as well as for otters. A modest pile of decaying timber in a Sedlescombe garden produced over 260 species of Diptera during an experiment conducted in 1999 and this shows the importance of the dead wood habitat.

Like many British invertebrates, the majority of today's flies would have been present in Britain before the land bridge to the continent was broken. The Diptera of the Baie de Somme have had very little attention from recorders so far and only three species have been formally recorded (the hoverflies *Eristalis tenax* and *Helophilus pendulus* and the thistle gall fly *Urophora cardui*), but there is likely to be a similar suite of species to that found in the Rye Bay area with a few that have not managed to cross the Channel. Some of the larger Diptera are powerful fliers and undoubtedly able to migrate from and to mainland Europe. Little work has, however, been done on this apart from the regular recording of large summer influxes of species like the marmalade fly, *Episyrphus balteatus* and other hoverflies such as *Scaeva pyrastris*.

The generally warm, dry conditions in the Rye Bay area make it an excellent location for some of our more dramatic Diptera species. All five members of the genus *Volucella*, bee and wasp mimics are, for example, seen regularly in the area including the 'notable' *V. inanis*, *V. zonaria* and *V. inflata*. Local gardens and flowery waysides may have all three of these species on the wing together and *V. inanis* and *V. zonaria* can sometimes be seen lurking around the wasps' nests where they breed.

Diptera of particular conservation importance in the Rye Bay area include *Myopa fasciata*, *Thereva fulva*, *Odontomyia ornata*, *Sphaerophoria loewi*, *Pteromicra pectorosa*, *Atrichops crassipes* and *Anasimyia interpuncta*. These are described in detail later.

There are also several species that have not been allocated any of the 'Red Data Book' categories but are of particular interest in the Rye Bay area. They may be the only Sussex record, for example, or they may have been first recorded in Britain from this area. Some of the smaller and less well-known flies have only ever been found globally on very few occasions and there are several of these from Rye Bay. A good example is *Limnophyes punctipennis*, a very small yellow and black midge. Known from a very few sites in Europe and from the female only, this was found for the first time in Britain by the late Elizabeth Goldie-Smith, a local dipterist, on the Rye Harbour Nature Reserve on 30 April 1985.

Many invertebrates, and flies are no exception, are often found in one small corner of a much larger habitat all of which appears perfectly suitable for the species. The factors involved are seldom clear and may never be elucidated. However, it is important to remember this when undertaking habitat management work and to try and avoid too much undesirable disturbance in places where rarities are known to occur. Most records are kept as six figure map references, but for rare and endangered species more precise locations are important so that site management does not destroy some of the things it is setting out to conserve. With the advent of GPS (Geographical Positioning System) equipment and a growth in the number of, and input from, specialist recorders the risks should diminish and our knowledge of the flora and fauna and their interrelationships increase.

Diptera Species Statements

Amiota basdeni (Fonseca) (Drosophilidae - a fruit fly)

1. Description

A small fruit fly associated with decaying wood and fungi. It was described by Fonseca in 1965 and has been very rarely recorded in Britain with only a handful of locations in the South East. The genus has had a number of European species added in recent years and caution needs to be exercised in the determination of all *Amiota* species until more is known about them.

Amiota basdeni has distinctive round white spots on its shoulders and white tarsi (as do some other members of the genus). This is not uncommon in insects that live in dark places and presumably helps the sexes identify each other.

2. Current status

In Britain the species is classified as provisional RDB2. Although rarely recorded and certainly much scarcer than many of its congeners, *A. basdeni* is probably widespread in suitable habitats and more records will no doubt accrue with the growing interest in saproxylic invertebrates.

In Rye Bay it has been recorded from a garden in Sedlescombe where several examples were trapped over a pile of decaying timber in the summer of 1999 by Roper.

There are no records for the Baie de Somme.

3. Current factors affecting status

The species is clearly associated with dead and decaying wood and the more of this that can be left in situ in woodland habitats, the more the species is likely to benefit.

4. Current action

Wherever possible landowners and statutory agencies are being encouraged to conserve decaying wood and to appreciate its value for wildlife better.

5. Objective for the species

Maintain and increase its populations in appropriate locations

6. Proposed action

Establish and maintain standing and fallen dead wood wherever possible. Encourage the management of dead wood for wildlife among landowners and statutory agencies with an interest.

***Thereva fulva* (Meigen)**
(Therevidae - a stiletto fly)

1. Description

An active, hairy brown fly that favours scrubby places in areas of fixed sand.

2. Current status

In Britain it is described as provisional RDB3. Outside East Sussex it has been recorded mainly from North Kent and South Wales. It is a species that has declined greatly this century.

In Rye Bay, although only recorded once, by Clemons in June 1996, it is probably resident on the north side of Castle Water and in other suitable areas.

There are no records from the Baie de Somme.

3. Current factors affecting status

Clearly areas of open, but stable, sand with bushes and other scrubby vegetation are essential. This is the kind of temporary habitat that would have been constantly developing and disappearing in the past and it is important that the species has new areas to which to move as well as maintaining appropriate conditions in existing areas.

Small populations of species with specialised habitat requirements are particularly vulnerable to predators and parasites unless populations are continually re-establishing themselves in new locations.

4. Current action

Management of existing habitat

5. Objective for the species

Maintain and increase its abundance in appropriate locations

6. Proposed action

Manage existing areas of stable sand and scrub and, if possible, create, or encourage the creation of, new areas.

***Aphrosylus mitis* (Verrall)**
(a dolichopodid fly - Dolichopodidae)

1. Description

A small, raptorial fly of the coast that preys on other smaller invertebrates. The males have enlarged, silvery palpi that reflect the light like tiny headlamps and, no doubt, act as signals to females and other males.

2. Current status

This species has been recorded from suitable habitats in Suffolk, Essex, Hampshire and Kent (including, in the latter case, the Walland Marsh adjoining the Rye Bay area). It has also been found inland in Wiltshire, Cambridgeshire and London, though these are considered as possibly stray examples.

In Britain the species is classified as provisional RDB2

In the Rye Bay area it has been recorded from the Lime Kiln saltmarsh area at Rye Harbour.

There are no records for the Baie de Somme.

3. Current factors affecting status

The species is thought to be declining due to agricultural improvement of saltmarshes, coastal defence works and associated destruction of larval habitat.

4. Current action

Conservation of salt marsh and coastal habitats at Rye Harbour.

5. Objective for the species

Maintain and increase its populations in appropriate locations.

6. Proposed action

Discover where it might be breeding, monitor the population and continue to conserve its habitat.

***Myopa fasciata* Meigen (Conopidae – a fly)**

1. Description

A brown, rather hunched fly whose larva are parasitoids of aculeate hymenoptera (probably mainly, or entirely, mining bees of the genus *Andrena*). Many of the records from other parts of Britain are from heathland areas and at Rye Bay it is probably occupying a different habitat (as in the case of the Silver-studded Blue butterfly elsewhere). This could be of significance in its conservation.

2. Current status

In Britain it is described as provisional RDB3. A rare and declining species confined to south east England with only a few British records since 1960, though possibly under-recorded in some areas.

In Rye Bay it has only been recorded once, in 1910.

There are no records from the Baie de Somme.

3. Current factors affecting status

The species is an obligate parasitoid of bees, probably mining bees, and therefore factors that encourage its host species are likely to help *M. fasciata*. Mining bees need friable soil such as loose sand, sunny banks, the root platforms of wind thrown trees and so on.

4. Current action

Try to obtain further records and see if breeding areas can be discovered and which mining bees it is using as hosts

5. Objective for the species

Maintain and increase numbers by working out an action plan for host(s) and parasitoid

6. Proposed action

Initially this will mean dipterists and hymenopterists working together (as they already do at Rye Bay). It is worth bearing in mind that the species may be more abundant in the Baie de Somme and that it might be easier to do this research there. This could be achieved by e-mail liaison with Baie de Somme entomologists.

***Odinia maculata* (Meigen)
(Odiniidae – a fly)**

1. Description

A small fly with marked wings that is associated with sap runs caused by boring beetles and damaged trees, particularly those used by goat moth larvae, *Cossus cossus*.

2. Current status

In Britain it is described as provisional RDB3. Recorded from only half a dozen localities in Britain, all in southern England.

In the Rye Bay area it has been recorded twice, by J. E. Collin in 1952 from Guestling and by Roper (det. Skidmore) in 1961 from Bush Barn Farm (now Almonds), Robertsbridge (the goat moth was also recorded from this locality in the mid-1950s)

There are no records from the Baie de Somme.

3. Current factors affecting status

Availability of suitable trees for breeding.

4. Current action

None specifically proposed, though goat moth trees, if identified, should be very carefully conserved as they are attractive to a wide range of rare invertebrates other than goat moths.

5. Objective for the species

Identify and conserve habitat if further examples turn up.

6. Proposed action

Look out for up to date records and attempt to locate and conserve breeding sites.

***Graphogaster brunnescens* (Villeneuve)**
(a parasitic fly - Tachinidae)

1. Description

A brownish fly, like a small house-fly. The larvae are parasitoids of various micro-lepidoptera species.

2. Current status

This species has been recorded from Wiltshire, Gloucestershire, Kent and northern Scotland.

In Britain the species is classified as RDB3

In the Rye Bay area it has been recorded from a garden in Sedlescombe

There are no records for the Baie de Somme.

3. Current factors affecting status

Although apparently scarce, the species parasitises a wide range of smaller moth caterpillars and probably does best in open, flower-rich scrubland and chemical-free country gardens.

4. Current action

Conservation of the general habitat wherever practical and appropriate.

5. Objective for the species

Maintain and increase its populations in appropriate locations.

6. Proposed action

Discover where it might be breeding, monitor the population and continue to conserve its habitat.

***Phaonia bitincta* (Rondani)**
(Muscidae - a muscid fly)

1. Description

A rarely recorded yellow Muscid . Many *Phaonia* spp. have larvae that live under bark or in saproxylic fungi where they are predatory on other invertebrates. Adults visit flowers of ivy and other plants. Both records from the Rye Bay area are in October so *P. bitincta* may have a primarily late flight period so that it has been overlooked by recorders

2. Current status

In Britain it is described as provisional RDB3. Only four confirmed records from southern England outside the Rye Bay area.

It has been taken twice in a garden in Sedlescombe in October 1992 and October 1999 by Roper, once at flowers of *x Fatshedera lizei* and once from an emergence trap over a pile of decaying logs.

There are no records from the Baie de Somme.

3. Current factors affecting status

Not known. Many of the under-bark breeding *Phaonia* are abundant so there must be some particular limiting factor in the case of this species.

4. Current action

None specifically proposed other than conservation and proper management of dead and decaying timber.

5. Objective for the species

Identify and conserve habitat if further examples turn up.

6. Proposed action

Gather more data on the species and its requirements.

***Spilogona scutulata* (Schnabl & Dziedzicki)**
(Muscidae - a muscid fly)

1. Description

A rare fly about which rather little is known except that it is thought to breed in moss at the edges of lakes, streams and rivers where the larvae are probably predacious on other invertebrates. It is a drab coloured insect like a small housefly and difficult to separate from its congeners.

2. Current status

In Britain it is described as provisional RDB3. Fonseca (1968) gives only two other British records: from Westmorland in 1929 and Hampshire in 1936. While there have probably been further records since then, this gives an indication of the species' scarcity.

It has been recorded once from the Rye Bay area, at Castle Water by Clemons in September 1996.

There are no records from the Baie de Somme.

3. Current factors affecting status

Not known.

4. Current action

None specifically proposed other than conservation and proper management of the wetland areas where it probably breeds. It may well be one of the many species that is vulnerable to over-enthusiastic dyke and ditch clearance.

5. Objective for the species

Identify and conserve habitat if further examples turn up.

6. Proposed action

Gather more data on the species and its requirements.

***Mycetophila autumnalis* (Lundstroem)**
(a fungus gnat – Mycetophilidae)

1. Description

A small yellow and brown insect associated with fungi. It was added to the British list by Chandler in 1977 and has been rarely recorded, though there are few entomologists studying this group and it is probably more widespread than records suggest.

2. Current status

Although rarely recorded and certainly much scarcer than many of its congeners, *M. autumnalis* is probably widespread in suitable habitats and more records will no doubt accrue with the growing interest in saproxylic invertebrates.

In Britain the species is classified as provisional RDB3

In the Rye Bay area it has been recorded from a garden in Sedlescombe where two examples were trapped over a pile of decaying timber in May and July 1999 by Roper.

There are no records for the Baie de Somme.

3. Current factors affecting status

The species is clearly associated with dead and decaying wood and the more of this that can be left in situ in woodland habitats, the more the species is likely to benefit.

4. Current action

Wherever possible landowners and statutory agencies are being encouraged to conserve decaying wood and to appreciate its value for wildlife better.

5. Objective for the species

Maintain and increase its populations in appropriate locations

6. Proposed action

Encourage the management of dead wood for wildlife among landowners and statutory agencies with an interest.

Establish and manage standing and fallen dead wood wherever possible.

***Stratiomys longicornis* (Scopoli)**
(a soldier fly - Stratiomyidae)

1. Description

A densely hairy soldier fly with grey triangles on the abdomen. It is associated with brackish water habitats and is rather rarely recorded perhaps partly due to a very short flight season. The larvae develop in standing water in saline coastal marshes and saltmarsh pools. The adults occur on low vegetation and flowers, usually near the larval habitats (Shirt, 1987)

2. Current status

This species has been recorded from suitable habitats in Suffolk, Essex, Hampshire and Kent (including, in the latter case, the Walland Marsh adjoining the Rye Bay area). It has also been found inland in Wiltshire, Cambridgeshire and London, though these are considered as possibly stray examples.

In Britain the species is classified as provisional RDB2

In the Rye Bay area it has been recorded once from Rye Harbour saltmarsh, 10 July 1999.

There are no records for the Baie de Somme.

3. Current factors affecting status

The species is thought to be declining due to agricultural improvement of saltmarshes, coastal defence works and associated destruction of larval habitat.

4. Current action

Conservation of salt marsh and brackish water habitats at Rye Harbour.

5. Objective for the species

Maintain and increase its populations in appropriate locations.

6. Proposed action

Discover where it might be breeding, monitor the population and continue to conserve and, if possible, extend the salt marsh or brackish water habitat.

***Odontomyia ornata* (Linnaeus) (Stratiomyidae – soldier flies)**

1. Description

An attractive greenish and black soldier fly that has a liking for flowers of hemlock water dropwort, *Oenanthe crocata*. It breeds in wetland areas such as grazing marshes and the larvae develop in the shallow water of dykes, lakes and slow-flowing rivers.

2. Current status

In Britain it is described as RDB2. It is also listed as a significant species in the Low Weald and Pevensy Natural Area by English Nature (1997). There are a few places where the fly is locally frequent such as areas of grazing marsh in Somerset and Gwent and there are scattered records from elsewhere in south and east Britain, mostly near the coast. With eight records, the Rye Bay area must be considered one of its strongholds.

It has been recorded eight times (since 1986) from the Rye Bay area, mostly Pett Level, but also from Cadborough Cliff near Rye.

There are no records from the Baie de Somme.

3. Current factors affecting status

The species is regarded as declining. It is vulnerable to dyke and river dredging and pollution.

4. Current action

Continued conservation and proper management of the wetland areas where it breeds and encouragement of floral diversity for the benefit of the adult flies.

5. Objective for the species

Increase the size of the local populations and the range of the species in the Rye Bay area.

6. Proposed action

Secure and manage habitat in the areas where it occurs and encourage the conservation of other suitable sites throughout the area. *O. ornata* is one of the easier Diptera rarities to monitor and this should be considered as part of any conservation programme in order to evaluate the actions being taken.

***Sphaerophoria loewi* (Zetterstedt)** **(Syrphidae – hoverflies)**

1. Description

A small, yellow and black hoverfly difficult to distinguish in the field from some of its commoner congeners. It frequents brackish marsh with areas of sea club rush, *Scirpus maritimus* and reed (*Phragmites*) where the larvae feed on aphids.

2. Current status

In Britain it is described as RDB2. A rarely recorded species with a disjunct distribution. Most records are from coastal areas in southern England, but there is also a record from Elgin in Scotland.

It has been recorded once from the Rye Bay area, at Pett Pools by P.Hodge in 1987.

There are no records from the Baie de Somme.

3. Current factors affecting status

Scarcity of areas of brackish water with emergent vegetation of the right type and well stocked with aphids. Some places where the species breeds may be liable to inundation by the sea and it is important that there are several sites in different parts of the Rye Bay area to ensure that not all colonies are simultaneously destroyed.

4. Current action

Continued conservation and proper management of the wetland areas where it breeds and encouragement of floral diversity for the benefit of the adult flies.

5. Objective for the species

Increase the size of the local populations and the range of the species in the Rye Bay area.

6. Proposed action

Monitor the areas where it occurs to ensure that the vegetation is doing well and try to increase the number of such areas.

***Pteromicra pectorosa* (Hendel)**
(Sciomyzidae – snail-killing flies)

1. Description

A brownish fly found in wetlands near shallow, often temporary, pools. The larvae are parasitoids of freshwater snails though in the wild in Europe the species it uses have not yet been determined.

2. Current status

In Britain it is described as RDB2. Rare in Britain though, as suitable habitat is not uncommon and the female can lay over 700 eggs, the reasons for this are not clear. It is widespread in Europe and North America

It has been recorded once from the Rye Bay area, at Castle Water by L.Clemons in June 1996.

There are no records from the Baie de Somme.

3. Current factors affecting status

Not clear apart from a general reduction in habitat. It seems to prefer temporary pools and, like other wetland species, is probably sensitive to pollution, land-drainage and over-enthusiastic dredging.

4. Current action

Try to obtain more records of the species and establish where it is breeding.

5. Objective for the species

Increase the size of the local populations and the range of the species in the Rye Bay area.

6. Proposed action

Conserve and manage likely breeding areas.

***Parydroptera discoomyzina* (Collin)**
(Ephydridae – shore flies)

1. Description

A small shore fly associated with salt marshes and saline mud.

2. Current status

In Britain it is described as RDB2. Described by Collin in 1913 from specimens taken at Rye and at Southwold, Suffolk. Ismay took further examples at Rye in 1980 and it has also been taken (1993) at Iwade, Kent. These appear to be the only British records.

It has been recorded twice from the Rye Bay area, both by J.W.Ismay in 1950.

There are no records from the Baie de Somme.

3. Current factors affecting status

Reduction of habitat. Salt marsh is now far less extensive at Rye Harbour than it was earlier in the century and is diminishing elsewhere.

4. Current action

Continued conservation and proper management of the areas where it breeds.

5. Objective for the species

Monitor local populations if possible and try to ensure that the conditions it prefers are maintained.

6. Proposed action

Monitor the areas where it occurs and, if possible and appropriate, increase this area.

As with many rare invertebrates, it is important to try and establish very precise (GPS) locations, dates and weather conditions for the adults so that sites can be visited annually and further behavioural and population data obtained. Many species only occur in one corner of an apparently otherwise suitable habitat, which can make them particularly vulnerable.

***Atrichops crassipes* (Meigen)
(Rhagionidae – a snipe fly)**

1. Description

A black (male) or black and yellow (female) fly resembling a small ichneumon with the habit of sometimes congregating in trees near rivers. It is a particular speciality of the river Rother. The aquatic larvae develop in aquatic vegetation where they are probably carnivorous.

2. Current status

In Britain it is described as RDB3. There are scattered records from southern England and Wales. It was first recorded from the East Sussex Rother at Witherenden between 1900 and 1904, then in 1991 (Drake) and in 1998 at Salehurst in the Rye Bay area (Hodge).

It has been recorded once from the Rye Bay area, in the Rother valley near Salehurst by P.Hodge in June 1997.

There are no records from the Baie de Somme.

3. Current factors affecting status

Degradation of riverine habitat through lowering of water levels and diminution of aquatic vegetation.

4. Current action

None at present.

5. Objective for the species

Monitor local populations and try to ensure that the conditions it prefers are maintained.

6. Proposed action

Once the areas where the species occurs are more precisely known steps can be taken to try and conserve its habitat more effectively.

Anasimyia interpuncta (Harris) (Syrphidae - hoverfly)

1. Description

A rare and vulnerable hoverfly found in fens and marshes, especially where they flood in winter, and along the margins of ditches and ponds. It is an early-flying species with a particular fondness for the flowers of marsh marigold, *Caltha palustris*. It is thought to breed in the waterlogged debris beneath beds of *Glyceria*.

2. Current status

In Britain it is described as RDB3. There are three main centres of distribution: the Cambridgeshire Fens, the Norfolk Broads and the Thames Estuary, but it has been recorded several times in the Rye Bay area and is almost certainly resident.

It has been recorded three times from the Rye Bay area, from Pett Level and Pewis Marsh by P. Hodge in 1987 and 1989.

There are no records from the Baie de Somme.

3. Current factors affecting status

The species seems to need extensive areas of marsh that floods in winter and the *Glyceria* beds beneath which the aquatic larvae breed. The loss of such areas are the main factors affecting its abundance.

4. Current action

Continued conservation and proper management of the low-lying wetland areas in the Rye Bay area.

5. Objective for the species

Increase population size by conserving and, where practical and appropriate, extending habitat.

6. Proposed action

Monitor the areas where it occurs so that opportunities can be more readily identified.

***Myopites inulaedyssentericae* (Blot) (Tephritidae – a picture-winged fly)**

1. Description

A yellowish grey fly with patterned wings that breeds in the flower heads of fleabane, *Pulicaria dysenterica*, and elecampane, *Inula helenium*.

2. Current status

In Britain it is described as RDB3. A rather rarely recorded species usually found near the coast in southern England. It appears to be widespread though scarce the Rye Bay area.

It has been recorded four times from the Rye Bay area, mainly in the Brede Valley, but also from Castle Water, since 1996.

There are no records from the Baie de Somme.

3. Current factors affecting status

Reduction in extent of the rough meadows and waysides where its food plants grow. The species no doubt prefers to develop in undisturbed stands of its foodplant, but most are cut before the end of the summer or in the autumn.

4. Current action

County and local verge cutting policies may be helping the species as may be the retention of wider headlands and rough, flowery meadowland. Where populations are known to occur, a sensible policy is always to leave some fleabane standing until the adults emerge the following year.

5. Objective for the species

Maintain local populations, and stands of its main foodplant, *Pulicaria dysenterica*.

6. Proposed action

Monitor the areas where it occurs and try to safeguard stands of its foodplant.

There are a few places in the Rye Bay area where *Inula helenium* grows as a garden escape and these plants can be monitored to see if *M. inulaedyssentericae* is breeding in the flower heads.

The Complete List of Diptera of Rye Bay

SPECIFIC NAME	ENGLISH NAME	FAMILY	BRITISH STATUS	RECORDS
<i>Trichocera annulata</i>	a winter gnat	Trichoceridae	Common	27
<i>Trichocera hiemalis</i>	a winter gnat	Trichoceridae	Local	9
<i>Trichocera major</i>	a winter gnat	Trichoceridae	Local	5
<i>Trichocera parva</i>	a winter gnat	Trichoceridae	Local	2
<i>Trichocera regelationis</i>	a winter gnat	Trichoceridae	Common	28
<i>Trichocera saltator</i>	a winter gnat	Trichoceridae	Common	16
<i>Nephrotoma appendiculata</i>	a crane fly	Tipulidae	Common	12
<i>Nephrotoma cornicina</i>	a crane fly	Tipulidae	Local	1
<i>Nephrotoma flavescens</i>	a crane fly	Tipulidae	Common	2
<i>Nephrotoma flavipalpis</i>	a crane fly	Tipulidae	Local	9
<i>Nephrotoma guestfalica</i>	a crane fly	Tipulidae	Local	5
<i>Nephrotoma quadrifaria</i>	a crane fly	Tipulidae	Common	8
<i>Tipula (Savtshenkia) marmorata</i>	a crane fly	Tipulidae	Common	4
<i>Tipula (Savtshenkia) obsoleta</i>	a crane fly	Tipulidae	Local	1
<i>Tipula (Savtshenkia) pagana</i>	a crane fly	Tipulidae	Common	8
<i>Tipula (Savtshenkia) rufina</i>	a crane fly	Tipulidae	Common	3
<i>Tipula (Savtshenkia) signata</i>	a crane fly	Tipulidae	Common	2
<i>Tipula (Savtshenkia) staegeri</i>	a crane fly	Tipulidae	Common	3
<i>Tipula (Oreomyza) pabulina</i>	a crane fly	Tipulidae	Local	1
<i>Tipula (Pterelachisus) irrorata</i>	a crane fly	Tipulidae	Common	1
<i>Tipula (Pterelachisus) varipennis</i>	a crane fly	Tipulidae	Common	6
<i>Tipula (Beringotipula) unca</i>	a crane fly	Tipulidae	Common	1
<i>Tipula (Dendrotipula) flavolineata</i>	a crane fly	Tipulidae	Local	6
<i>Tipula (Vestiplex) scripta</i>	a crane fly	Tipulidae	Common	4
<i>Tipula (Lunatipula) cava</i>	a crane fly	Tipulidae	Local	3
<i>Tipula (Lunatipula) fascipennis</i>	a crane fly	Tipulidae	Common	3
<i>Tipula (Lunatipula) helvola</i>	a crane fly	Tipulidae	Notable/Nb	3
<i>Tipula (Lunatipula) lunata</i>	a crane fly	Tipulidae	Common	7
<i>Tipula (Lunatipula) vernalis</i>	a crane fly	Tipulidae	Common	10
<i>Tipula (Platytipula) melanoceros</i>	a crane fly	Tipulidae	Local	1
<i>Tipula (Yamatipula) lateralis</i>	a crane fly	Tipulidae	Common	2
<i>Tipula (Yamatipula) pruinosa</i>	a crane fly	Tipulidae	Local	1
<i>Tipula (Yamatipula) solstitialis</i>	a crane fly	Tipulidae	Local	1
<i>Tipula czizeki</i>	a crane fly	Tipulidae	Local	1
<i>Tipula oleracea</i>	a crane fly	Tipulidae	Common	12
<i>Tipula paludosa</i>	a crane fly	Tipulidae	Common	22
<i>Tipula (Acutipula) fulvipennis</i>	a crane fly	Tipulidae	Common	5
<i>Tipula (Acutipula) luna</i>	a crane fly	Tipulidae	Common	4
<i>Tipula (Acutipula) maxima</i>	a crane fly	Tipulidae	Local	3
<i>Tipula (Acutipula) vittata</i>	a crane fly	Tipulidae	Local	4
<i>Limonia (Metalimnobia) bifasciata</i>	a crane fly	Tipulidae	Common	2
<i>Limonia flavipes</i>	a crane fly	Tipulidae	Common	1
<i>Limonia macrostigma</i>	a crane fly	Tipulidae	Common	1
<i>Limonia nigropunctata</i>	a crane fly	Tipulidae	Local	2
<i>Limonia nubeculosa</i>	a crane fly	Tipulidae	Common	20
<i>Limonia tripunctata</i>	a crane fly	Tipulidae	Common	4
<i>Limonia (Atypophthalmus) inusta</i>	a crane fly	Tipulidae	Notable/Nb	3
<i>Limonia (Neolimonia) dumetorum</i>	a crane fly	Tipulidae	Common	12
<i>Limonia (Achyrolimonia) decemmacula</i>	a crane fly	Tipulidae	Local	2
<i>Limonia (Dicranomyia) chorea</i>	a crane fly	Tipulidae	Common	7
<i>Limonia (Dicranomyia) complicata</i>	a crane fly	Tipulidae	Notable/Nb	1
<i>Limonia (Dicranomyia) fusca</i>	a crane fly	Tipulidae	Local	5

<i>Limonia (Dicranomyia) lucida</i>	a crane fly	Tipulidae	Notable/Nb	1
<i>Limonia mitis</i> agg.	a crane fly	Tipulidae	Common	1
<i>Limonia mitis</i>	a crane fly	Tipulidae	Unknown	2
<i>Limonia lutea</i> agg.	a crane fly	Tipulidae	Unknown	1
<i>Limonia (Dicranomyia) modesta</i>	a crane fly	Tipulidae	Common	12
<i>Limonia (Dicranomyia) sera</i>	a crane fly	Tipulidae	Local	1
<i>Limonia (Melanolimonia) morio</i>	a crane fly	Tipulidae	Local	2
<i>Limonia (Rhipidia) duplicata</i>	a crane fly	Tipulidae	Common	5
<i>Helius longirostris</i>	a crane fly	Tipulidae	Common	1
<i>Pedicia (Tricyphona) immaculata</i>	a crane fly	Tipulidae	Common	4
<i>Dicranota bimaculata</i>	a crane fly	Tipulidae	Local	1
<i>Ula sylvatica</i>	a crane fly	Tipulidae	Common	3
<i>Paradelphomyia senilis</i>	a crane fly	Tipulidae	Common	1
<i>Epiphragma ocellaris</i>	a crane fly	Tipulidae	Local	2
<i>Austrolimnophila ochracea</i>	a crane fly	Tipulidae	Common	5
<i>Pseudolimnophila sepium</i>	a crane fly	Tipulidae	Common	1
<i>Limnophila (Phylidorea) ferruginea</i>	a crane fly	Tipulidae	Common	6
<i>Limnophila punctata</i>	a crane fly	Tipulidae	Local	2
<i>Limnophila nemoralis</i> agg.	a crane fly	Tipulidae	Unknown	4
<i>Gonomyia dentata</i>	a crane fly	Tipulidae	Common	1
<i>Gonomyia tenella</i>	a crane fly	Tipulidae	Local	1
<i>Lipsothrix remota</i>	a crane fly	Tipulidae	Common	1
<i>Gonempeda flava</i>	a crane fly	Tipulidae	Common	2
<i>Cheilotrichia (Platytoma) cinerascens</i>	a crane fly	Tipulidae	Common	7
<i>Erioptera (Symplecta) hybrida</i>	a crane fly	Tipulidae	Local	3
<i>Erioptera (Symplecta) stictica</i>	a crane fly	Tipulidae	Common	8
<i>Erioptera fuscipennis</i>	a crane fly	Tipulidae	Common	3
<i>Erioptera lutea</i> f. <i>taenionota</i>	a crane fly	Tipulidae	Common	8
<i>Erioptera trivialis</i>	a crane fly	Tipulidae	Common	4
<i>Erioptera (Ilisia) maculata</i>	a crane fly	Tipulidae	Common	3
<i>Ormosia albitibia</i>	a crane fly	Tipulidae	Local	1
<i>Ormosia depilata</i>	a crane fly	Tipulidae	Local	1
<i>Ormosia lineata</i>	a crane fly	Tipulidae	Local	2
<i>Ormosia nodulosa</i>	a crane fly	Tipulidae	Common	11
<i>Ormosia (Rhypholophus) bifurcata</i>	a crane fly	Tipulidae	Common	2
<i>Ormosia (Rhypholophus) varia</i>	a crane fly	Tipulidae	Common	1
<i>Tasiocera murina</i>	a crane fly	Tipulidae	Common	3
<i>Molophilus appendiculatus</i>	a crane fly	Tipulidae	Common	1
<i>Molophilus cinereifrons</i>	a crane fly	Tipulidae	Common	1
<i>Molophilus flavus</i>	a crane fly	Tipulidae	Common	1
<i>Molophilus griseus</i>	a crane fly	Tipulidae	Common	6
<i>Molophilus niger</i>	a crane fly	Tipulidae	Notable/Nb	1
<i>Molophilus ochraceus</i>	a crane fly	Tipulidae	Common	6
<i>Molophilus pleuralis</i>	a crane fly	Tipulidae	Local	3
<i>Molophilus serpentiger</i>	a crane fly	Tipulidae	Common	1
<i>Trichomyia urbica</i>	a moth fly	Psychodidae	Unknown	2
<i>Pericoma fuliginosa</i>	a moth fly	Psychodidae	Unknown	2
<i>Pericoma nubila</i>	a moth fly	Psychodidae	Unknown	4
<i>Pericoma palustris</i>	a moth fly	Psychodidae	Unknown	1
<i>Pericoma pulchra</i>	a moth fly	Psychodidae	Unknown	2
<i>Mormia revisenda</i>	a moth fly	Psychodidae	Unknown	1
<i>Clytocerus dali</i>	a moth fly	Psychodidae	Unknown	2
<i>Clytocerus ocellaris</i>	a moth fly	Psychodidae	Unknown	8
<i>Psychoda albipennis</i>	a moth fly	Psychodidae	Common	5
<i>Psychoda alternata</i>	a moth fly	Psychodidae	Common	4
<i>Psychoda cinerea</i>	a moth fly	Psychodidae	Common	1
<i>Psychoda erminea</i>	a moth fly	Psychodidae	Local	7

<i>Psychoda grisea</i>	a moth fly	Psychodidae	Unknown	3
<i>Psychoda lobata</i>	a moth fly	Psychodidae	Unknown	1
<i>Psychoda minuta</i>	a moth fly	Psychodidae	Common	1
<i>Psychoda parthenogenetic</i>	a moth fly	Psychodidae	Unknown	3
<i>Psychoda phalaenoides</i>	a moth fly	Psychodidae	Common	7
<i>Psychoda severini</i>	a moth fly	Psychodidae	Unknown	4
<i>Psychoda surcoufi</i>	a moth fly	Psychodidae	Unknown	6
<i>Ptychoptera albimana</i>	a fly	Ptychopteridae	Common	10
<i>Ptychoptera contaminata</i>	a fly	Ptychopteridae	Local	8
<i>Ptychoptera lacustris</i>	a fly	Ptychopteridae	Local	3
<i>Ptychoptera longicauda</i>	a fly	Ptychopteridae	Notable/Nb	1
<i>Ptychoptera minuta</i>	a fly	Ptychopteridae	Local	3
<i>Ptychoptera paludosa</i>	a fly	Ptychopteridae	Local	4
<i>Dixa dilatata</i>	a meniscus midge	Dixidae	Common	4
<i>Dixa maculata</i>	a meniscus midge	Dixidae	Notable/Nb	1
<i>Dixa nebulosa</i>	a meniscus midge	Dixidae	Common	2
<i>Dixa nubilipennis</i>	a meniscus midge	Dixidae	Common	12
<i>Dixa submaculata</i>	a meniscus midge	Dixidae	Local	3
<i>Dixella aestivalis</i>	a meniscus midge	Dixidae	Common	5
<i>Dixella amphibia</i>	a meniscus midge	Dixidae	Common	6
<i>Dixella autumnalis</i>	a meniscus midge	Dixidae	Local	15
<i>Dixella filicornis</i>	a meniscus midge	Dixidae	Notable/Nb	1
<i>Dixella graeca</i>	a meniscus midge	Dixidae	Unknown	5
<i>Dixella martinii</i>	a meniscus midge	Dixidae	Local	1
<i>Chaoborus crystallinus</i>	a phantom midge	Chaoboridae	Unknown	7
<i>Chaoborus flavicans</i>	a phantom midge	Chaoboridae	Unknown	1
<i>Chaoborus pallidus</i>	a phantom midge	Chaoboridae	Unknown	3
<i>Anopheles atroparvus</i>	a mosquito	Culicidae	Common	1
<i>Anopheles maculipennis</i> agg.	a mosquito	Culicidae	Common	2
<i>Anopheles plumbeus</i>	a mosquito	Culicidae	Common	3
<i>Aedes rusticus</i>	a mosquito	Culicidae	Common	2
<i>Aedes geniculatus</i>	a mosquito	Culicidae	Local	1
<i>Culiseta annulata</i>	a mosquito	Culicidae	Common	11
<i>Culiseta morsitans</i>	a mosquito	Culicidae	Common	1
<i>Culex pipiens</i>	a mosquito	Culicidae	Common	4
<i>Culex pipiens</i> agg.	a mosquito	Culicidae	Common	9
<i>Thaumalea testacea</i>	a trickle midge	Thaumaleidae	Local	2
<i>Forcipomyia bipunctata</i>	a biting midge	Ceratopogonidae	Unknown	2
<i>Forcipomyia brevipennis</i>	a biting midge	Ceratopogonidae	Unknown	4
<i>Forcipomyia ciliata</i>	a biting midge	Ceratopogonidae	Unknown	2
<i>Forcipomyia nigra</i>	a biting midge	Ceratopogonidae	Unknown	2
<i>Forcipomyia radiculicola</i>	a biting midge	Ceratopogonidae	Unknown	1
<i>Forcipomyia solonensis</i>	a biting midge	Ceratopogonidae	Unknown	2
<i>Atrichopogon lucorum</i>	a biting midge	Ceratopogonidae	Unknown	1
<i>Atrichopogon pavidus</i>	a biting midge	Ceratopogonidae	Unknown	1
<i>Dasyhela versicolor</i>	a biting midge	Ceratopogonidae	Unknown	1
<i>Culicoides obsoletus</i>	a biting midge	Ceratopogonidae	Unknown	21
<i>Culicoides pulicaris</i>	a biting midge	Ceratopogonidae	Unknown	14
<i>Culicoides pictipennis</i>	a biting midge	Ceratopogonidae	Unknown	1
<i>Culicoides vexans</i>	a biting midge	Ceratopogonidae	Unknown	1
<i>Serromyia morio</i>	a biting midge	Ceratopogonidae	Unknown	4
<i>Mallochohelea inermis</i>	a biting midge	Ceratopogonidae	Unknown	1
<i>Palpomyia flavipes</i>	a biting midge	Ceratopogonidae	Unknown	1
<i>Palpomyia fulva</i>	a biting midge	Ceratopogonidae	Unknown	1
<i>Palpomyia semifumosa</i>	a biting midge	Ceratopogonidae	Unknown	1
<i>Tanypus punctipennis</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Tanypus vilipennis</i>	a non-biting midge	Chironomidae	Unknown	2

<i>Apsectrotanypus trifascipennis</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Macropelopia goetghebueri</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Macropelopia nebulosa</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Macropelopia notata</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Procladius choreus</i>	a non-biting midge	Chironomidae	Unknown	18
<i>Procladius sagittalis</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Psectrotanypus varius</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Psilotanypus lugens</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Psilotanypus rufovittatus</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Clinotanypus nervosus</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Ablabesmyia monilis</i>	a non-biting midge	Chironomidae	Unknown	9
<i>Ablabesmyia phatta</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Arctopelopia griseipennis</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Conchapelopia melanops</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Guttipelopia binotata</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Guttipelopia nigropunctata</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Guttipelopia schineri</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Labrundinia longipalpis</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Monopelopia tenuicalcar</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Natarsia punctata</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Paramerina divisa</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Rheopelopia maculipennis</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Thienemannimyia carnea</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Thienemannimyia lentiginosa</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Xenopelopia falcigera</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Xenopelopia nigricans</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Zavrelimyia barbatipes</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Zavrelimyia melanura</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Zavrelimyia nubila</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Potthastia gaedii</i>	a non-biting midge	Chironomidae	Unknown	10
<i>Acricotopus lucens</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Brillia modesta</i>	a non-biting midge	Chironomidae	Unknown	22
<i>Cricotopus albiforceps</i>	a non-biting midge	Chironomidae	Unknown	10
<i>Cricotopus annulator</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Cricotopus bicinctus</i>	a non-biting midge	Chironomidae	Unknown	9
<i>Cricotopus triannulatus</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Cricotopus trifascia</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Cricotopus intersectus</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Cricotopus obnixus</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Cricotopus reversus</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Cricotopus sylvestris</i>	a non-biting midge	Chironomidae	Unknown	16
<i>Cricotopus tricinctus</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Cricotopus trifasciatus</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Diplocladius cultriger</i>	a non-biting midge	Chironomidae	Unknown	12
<i>Eukiefferiella calvescens</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Eukiefferiella claripennis</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Halocladius fucicola</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Halocladius varians</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Heterotrissocladius marcidus</i>	a non-biting midge	Chironomidae	Unknown	9
<i>Microcotopus bicolor</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Orthocladius obtexens</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Orthocladius thienemanni</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Orthocladius oblidens</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Orthocladius rubicundus</i>	a non-biting midge	Chironomidae	Unknown	11
<i>Paracladius conversus</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Paratrachocladius rufiventris</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Prodiamesa olivacea</i>	a non-biting midge	Chironomidae	Unknown	11

<i>Psectrocladius platypus</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Psectrocladius barbimanus</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Psectrocladius psilopterus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Psectrocladius sordidellus</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Rheocricotopus chalybeatus</i>	a non-biting midge	Chironomidae	Unknown	10
<i>Rheocricotopus dispar</i>	a non-biting midge	Chironomidae	Unknown	17
<i>Rheocricotopus foveatus</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Rheocricotopus glabricollis</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Synorthocladius semivirens</i>	a non-biting midge	Chironomidae	Unknown	9
<i>Trissocladius brevipalpus</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Bryophaenocladius aestivus</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Bryophaenocladius ictericus</i>	a non-biting midge	Chironomidae	Unknown	10
<i>Bryophaenocladius nitidicollis</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Bryophaenocladius simus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Bryophaenocladius vernalis</i>	a non-biting midge	Chironomidae	Unknown	11
<i>Bryophaenocladius xanthogyne</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Camptocladius stercorarius</i>	a non-biting midge	Chironomidae	Unknown	8
<i>Chaetocladius perennis</i>	a non-biting midge	Chironomidae	Unknown	27
<i>Chaetocladius piger</i>	a non-biting midge	Chironomidae	Unknown	23
<i>Corynoneura carriana</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Corynoneura celtica</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Corynoneura coronata</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Corynoneura lacustris</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Corynoneura lobata</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Corynoneura scutellata</i>	a non-biting midge	Chironomidae	Unknown	11
<i>Gymnometriocnemus brumalis</i>	a non-biting midge	Chironomidae	Unknown	66
<i>Gymnometriocnemus subnudus</i>	a non-biting midge	Chironomidae	Unknown	9
<i>Heleniella ornatocollis</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Limnophyes exiguus</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Limnophyes habilis</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Limnophyes minimus</i>	a non-biting midge	Chironomidae	Unknown	16
<i>Limnophyes prolongatus</i>	a non-biting midge	Chironomidae	Unknown	10
<i>Limnophyes truncorum</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Mesosmittia flexuella</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Metriocnemus atratulus</i>	a non-biting midge	Chironomidae	Unknown	11
<i>Metriocnemus atriclavus</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Metriocnemus fuscipes</i>	a non-biting midge	Chironomidae	Unknown	20
<i>Metriocnemus gracei</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Metriocnemus hirticollis</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Metriocnemus hygropetricus</i>	a non-biting midge	Chironomidae	Unknown	12
<i>Metriocnemus picipes</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Metriocnemus tristellus</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Parakiefferiella bathophila</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Paralimnophyes hydrophilus</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Parametriocnemus stylatus</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Paraphaenocladius cuneatus</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Paraphaenocladius impensus</i>	a non-biting midge	Chironomidae	Unknown	16
<i>Paraphaenocladius irritus</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Paraphaenocladius penerasus</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Paratrissocladius exerptus</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Pseudorthocladius curtistylus</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Pseudosmittia gracilis</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Pseudosmittia recta</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Pseudosmittia trilobata</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Smittia aterrima</i>	a non-biting midge	Chironomidae	Unknown	44
<i>Smittia contingens</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Smittia foliacea</i>	a non-biting midge	Chironomidae	Unknown	2

<i>Smittia leucopogon</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Smittia pratorum</i>	a non-biting midge	Chironomidae	Unknown	23
<i>Thienemanniella majuscula</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Thienemanniella vittata</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Camptochironomus tentans</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Chironomus annularis</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Chironomus anthracinus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Chironomus aprilinus</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Chironomus dorsalis</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Chironomus longistylus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Chironomus luridus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Chironomus plumosus</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Chironomus prasinus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Chironomus riparius</i>	a non-biting midge	Chironomidae	Unknown	9
<i>Chironomus salinarius</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Cryptochironomus albofasciatus</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Cryptochironomus obreptans</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Cryptochironomus supplicans</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Cryptocladopelma viridula</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Cryptotendipes pseudotener</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Demeijerea rufipes</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Demicryptochironomus vulneratus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Einfeldia dissidens</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Einfeldia pagana</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Endochironomus albipennis</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Endochironomus impar</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Endochironomus tendens</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Glyptotendipes barbipes</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Glyptotendipes follicola</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Glyptotendipes gripekoveni</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Glyptotendipes pallens</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Harnischia curtilamellata</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Kiefferulus tendipediformis</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Leptochironomus deribae</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Limnochironomus nervosus</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Limnochironomus notatus</i>	a non-biting midge	Chironomidae	Unknown	8
<i>Limnochironomus pulsus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Microtendipes chloris</i>	a non-biting midge	Chironomidae	Unknown	15
<i>Microtendipes confinis</i>	a non-biting midge	Chironomidae	Unknown	8
<i>Microtendipes pedellus</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Microtendipes rydalensis</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Parachironomus arcuatus</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Parachironomus digitalis</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Parachironomus frequens</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Parachironomus monochromus</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Parachironomus parillis</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Parachironomus tenuicaudatus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Parachironomus varus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Parachironomus vitiosus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Paracladopelma camptolabis</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Paracladopelma laminata</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Paralauterborniella nigrohalteralis</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Paratendipes albimanus</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Paratendipes nudisquama</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Pentapedilum sordens</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Pentapedilum uncinatum</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Phaenopsectra flavipes</i>	a non-biting midge	Chironomidae	Unknown	10

<i>Polypedilum albicornia</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Polypedilum convictum</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Polypedilum nubeculosum</i>	a non-biting midge	Chironomidae	Unknown	7
<i>Polypedilum pedestre</i>	a non-biting midge	Chironomidae	Unknown	9
<i>Polypedilum pullum</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Polypedilum quadriguttatum</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Polypedilum scalaenum</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Stenochironomus gibbus</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Zavreliella marmorata</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Cladotanytarsus atridorsum</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Cladotanytarsus vanderwulpi</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Micropsectra apposita</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Micropsectra atrofasciata</i>	a non-biting midge	Chironomidae	Unknown	10
<i>Micropsectra fusca</i>	a non-biting midge	Chironomidae	Unknown	5
<i>Micropsectra junci</i>	a non-biting midge	Chironomidae	Unknown	25
<i>Micropsectra tenellula</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Paratanytarsus austriacus</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Paratanytarsus tenuis</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Tanytarsus arduennensis</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Tanytarsus brundini</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Tanytarsus ejuncidus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Tanytarsus eminulus</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Tanytarsus holochlorus</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Tanytarsus lestagei</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Tanytarsus palettaris</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Tanytarsus pallidicornis</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Tanytarsus sylvaticus</i>	a non-biting midge	Chironomidae	Unknown	3
<i>Tanytarsus usmaensis</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Tanytarsus verralli</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Rheotanytarsus photopilus</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Stempellina bausei</i>	a non-biting midge	Chironomidae	Unknown	6
<i>Stempellinella brevis</i>	a non-biting midge	Chironomidae	Unknown	4
<i>Stempellinella minor</i>	a non-biting midge	Chironomidae	Unknown	2
<i>Zavrelia pentatoma</i>	a non-biting midge	Chironomidae	Unknown	1
<i>Simulium equinum</i>	a black fly	Simuliidae	Unknown	1
<i>Simulium ornatum</i> group	a black fly	Simuliidae		3
<i>Simulium ornatum</i>	a black fly	Simuliidae	Unknown	1
<i>Sylvicola cinctus</i>	a window gnat	Anisopodidae	Common	9
<i>Sylvicola fenestralis</i>	a window gnat	Anisopodidae	Unknown	7
<i>Sylvicola punctatus</i>	a window gnat	Anisopodidae	Common	14
<i>Bibio anglicus</i>	a st mark's fly	Bibionidae	Local	1
<i>Bibio ferruginatus</i>	a st mark's fly	Bibionidae	Local	1
<i>Bibio johannis</i>	a st mark's fly	Bibionidae	Common	1
<i>Bibio lanigerus</i>	a st mark's fly	Bibionidae	Common	1
<i>Bibio leucopterus</i>	a st mark's fly	Bibionidae	Unknown	4
<i>Bibio marci</i>	St Marks Fly	Bibionidae	Common	18
<i>Bibio pomonae</i>	a st mark's fly	Bibionidae	Common	1
<i>Bibio reticulatus</i>	a st mark's fly	Bibionidae	Common	2
<i>Bibio varipes</i>	a st mark's fly	Bibionidae	Unknown	1
<i>Bibio hybridus</i>	a st mark's fly	Bibionidae	Unknown	1
<i>Dilophus febrilis</i>	Fever Fly	Bibionidae	Common	26
<i>Dilophus femoratus</i>	a st mark's fly	Bibionidae	Common	9
<i>Bolitophila cinerea</i>	a fungus gnat	Mycetophilidae	Unknown	4
<i>Bolitophila saundersi</i>	a fungus gnat	Mycetophilidae	Common	11
<i>Bolitophila pseudohybrida</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Diadocidia ferruginosa</i>	a fungus gnat	Mycetophilidae	Unknown	4
<i>Symmerus annulatus</i>	a fungus gnat	Mycetophilidae	Unknown	2

<i>Macrocera anglica</i>	a fungus gnat	Mycetophilidae	Local	1
<i>Macrocera angulata</i>	a fungus gnat	Mycetophilidae	Common	2
<i>Macrocera crassicornis</i>	a fungus gnat	Mycetophilidae	Notable/Nb	2
<i>Macrocera phalerata</i>	a fungus gnat	Mycetophilidae	Unknown	4
<i>Macrocera vittata</i>	a fungus gnat	Mycetophilidae	Common	3
<i>Macrorrhyncha flava</i>	a fungus gnat	Mycetophilidae	Unknown	7
<i>Keroplatus testaceus</i>	a fungus gnat	Mycetophilidae	Notable/Nb	3
<i>Platyura marginata</i>	a fungus gnat	Mycetophilidae	Local	1
<i>Monocentrotia lundstroemi</i>	a fungus gnat	Mycetophilidae	Common	1
<i>Neoplatyura modesta</i>	a fungus gnat	Mycetophilidae	Local	2
<i>Neoplatyura nigricauda</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Orfelia discoloria</i>	a fungus gnat	Mycetophilidae	Local	1
<i>Orfelia fasciata</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Orfelia nemoralis</i>	a fungus gnat	Mycetophilidae	Common	10
<i>Orfelia unicolor</i>	a fungus gnat	Mycetophilidae	Unknown	2
<i>Pyratula zonata</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Antlemon servulum</i>	a fungus gnat	Mycetophilidae	Local	1
<i>Mycomya cinerascens</i>	a fungus gnat	Mycetophilidae	Unknown	3
<i>Mycomya annulata</i>	a fungus gnat	Mycetophilidae	Common	1
<i>Mycomya wankowiczii</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Mycomya winnertzi</i>	a fungus gnat	Mycetophilidae	Common	1
<i>Leptomorphus walkeri</i>	a fungus gnat	Mycetophilidae	Local	2
<i>Phthinia winnertzi</i>	a fungus gnat	Mycetophilidae	Local	5
<i>Megalopelma nigroclavatum</i>	a fungus gnat	Mycetophilidae	Notable/Nb	1
<i>Sciophila lutea</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Acnemia nitidicollis</i>	a fungus gnat	Mycetophilidae	Common	5
<i>Monoclona rufilatera</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Coelophthinia thoracica</i>	a fungus gnat	Mycetophilidae	Unknown	2
<i>Apolephthisa subincana</i>	a fungus gnat	Mycetophilidae	Unknown	3
<i>Boletina flaviventris</i>	a fungus gnat	Mycetophilidae	Local	1
<i>Boletina gripha</i>	a fungus gnat	Mycetophilidae	Common	5
<i>Boletina sciarina</i>	a fungus gnat	Mycetophilidae	Local	1
<i>Boletina trivittata</i>	a fungus gnat	Mycetophilidae	Common	2
<i>Synapha vitripennis</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Rondaniella dimidiata</i>	a fungus gnat	Mycetophilidae	Unknown	2
<i>Leia bimaculata</i>	a fungus gnat	Mycetophilidae	Unknown	2
<i>Leia piffardi</i>	a fungus gnat	Mycetophilidae	Notable/Nb	1
<i>Megoptalmidia crassicornis</i>	a fungus gnat	Mycetophilidae	Notable/Nb	1
<i>Ectrepesthoneura colyeri</i>	a fungus gnat	Mycetophilidae	RDB2	1
<i>Ectrepesthoneur hirta</i>	a fungus gnat	Mycetophilidae	Unknown	2
<i>Docosia fumosa</i>	a fungus gnat	Mycetophilidae	Unknown	2
<i>Docosia gilvipes</i>	a fungus gnat	Mycetophilidae	Local	3
<i>Docosia sciarina</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Rymosia fasciata</i>	a fungus gnat	Mycetophilidae	Common	2
<i>Rymosia placida</i>	a fungus gnat	Mycetophilidae	Notable/Nb	2
<i>Rymosia winnertzi</i>	a fungus gnat	Mycetophilidae	Notable/Nb	1
<i>Tarnania fenestralis</i>	a fungus gnat	Mycetophilidae	Common	1
<i>Allodiopsis excogitata</i>	a fungus gnat	Mycetophilidae	Local	6
<i>Allodiopsis domestica</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Exechia dorsalis</i>	a fungus gnat	Mycetophilidae	Local	1
<i>Exechia exigua</i>	a fungus gnat	Mycetophilidae	Notable/Nb	1
<i>Exechia fusca</i>	a fungus gnat	Mycetophilidae	Common	4
<i>Exechia spinuligera</i>	a fungus gnat	Mycetophilidae	Common	1
<i>Allodia lugens</i>	a fungus gnat	Mycetophilidae	Common	1
<i>Brevicornu crassicorne</i>	a fungus gnat	Mycetophilidae	Common	1
<i>Brevicornu griseicolle</i>	a fungus gnat	Mycetophilidae	Common	1
<i>Brevicornu verralli</i>	a fungus gnat	Mycetophilidae	Unknown	1

<i>Cordyla crassicornis</i>	a fungus gnat	Mycetophilidae	Common	3
<i>Cordyla fissa</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Trichonta terminalis</i>	a fungus gnat	Mycetophilidae	Common	1
<i>Trichonta vitta</i>	a fungus gnat	Mycetophilidae	Common	5
<i>Phronia basalis</i>	a fungus gnat	Mycetophilidae	Common	5
<i>Phronia biarcuata</i>	a fungus gnat	Mycetophilidae	Common	6
<i>Phronia braueri</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Phronia cinerascens</i>	a fungus gnat	Mycetophilidae	Unknown	2
<i>Phronia conformis</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Phronia flavipes</i>	a fungus gnat	Mycetophilidae	Unknown	3
<i>Phronia humeralis</i>	a fungus gnat	Mycetophilidae	Common	2
<i>Phronia nigricornis</i>	a fungus gnat	Mycetophilidae	Common	2
<i>Phronia tarsata</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Mycetophila autumnalis</i>	a fungus gnat	Mycetophilidae	pRDB3	1
<i>Mycetophila cingulum</i>	a fungus gnat	Mycetophilidae	Local	1
<i>Mycetophila forcipata</i>	a fungus gnat	Mycetophilidae	Unknown	2
<i>Mycetophila formosa</i>	a fungus gnat	Mycetophilidae	Unknown	2
<i>Mycetophila fraterna</i>	a fungus gnat	Mycetophilidae	Unknown	2
<i>Mycetophila fungorum</i>	a fungus gnat	Mycetophilidae	Common	6
<i>Mycetophila gibbula</i>	a fungus gnat	Mycetophilidae	Local	1
<i>Mycetophila ocellus</i>	a fungus gnat	Mycetophilidae	Unknown	8
<i>Mycetophila ornata</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Mycetophila pictula</i>	a fungus gnat	Mycetophilidae	Local	3
<i>Mycetophila pumila</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Mycetophila ruficollis</i>	a fungus gnat	Mycetophilidae	Local	4
<i>Mycetophila signata</i>	a fungus gnat	Mycetophilidae	Notable/Nb	1
<i>Mycetophila unipunctata</i>	a fungus gnat	Mycetophilidae	Common	3
<i>Mycetophila vittipes</i>	a fungus gnat	Mycetophilidae	Unknown	3
<i>Zygomyia pictipennis</i>	a fungus gnat	Mycetophilidae	Unknown	2
<i>Zygomyia valida</i>	a fungus gnat	Mycetophilidae	Common	1
<i>Sceptonia costata</i>	a fungus gnat	Mycetophilidae	Notable/Nb	1
<i>Epicypa aterrima</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Epicypa limnophila</i>	a fungus gnat	Mycetophilidae	Notable/Nb	3
<i>Platurocypta testata</i>	a fungus gnat	Mycetophilidae	Unknown	1
<i>Trichosia glabra</i>	a fly	Sciaridae	Local	1
<i>Trichosia caudata</i>	a fly	Sciaridae	Common	3
<i>Trichosia splendens</i>	a fly	Sciaridae	Unknown	1
<i>Trichosia coarctata</i>	a fly	Sciaridae	Unknown	2
<i>Trichosia pilosa</i>	a fly	Sciaridae	Unknown	3
<i>Schwenckfeldina carbonaria</i>	a fly	Sciaridae	Common	8
<i>Scythropochroa quercicola</i>	a fly	Sciaridae	Local	1
<i>Plastosciara brachyptera</i>	a fly	Sciaridae	Common	3
<i>Corynoptera forcipata</i>	a fly	Sciaridae	Unknown	1
<i>Lycoriella auripila</i>	a fly	Sciaridae	Unknown	1
<i>Xylosciara lignicola</i>	a fly	Sciaridae	Unknown	1
<i>Epidapus atomarius</i>	a fly	Sciaridae	Unknown	1
<i>Phytosciara flavipes</i>	a fly	Sciaridae	Common	14
<i>Ctenosciara hyalipennis</i>	a fly	Sciaridae	Unknown	6
<i>Bradysia amoena</i>	a fly	Sciaridae	Unknown	1
<i>Bradysia aprica</i>	a fly	Sciaridae	Unknown	2
<i>Bradysia confinis</i>	a fly	Sciaridae	Unknown	3
<i>Bradysia praecox</i>	a fly	Sciaridae	Unknown	1
<i>Bradysia tritici</i>	a fly	Sciaridae	Unknown	1
<i>Scatopsciara pusilla</i>	a fly	Sciaridae	Unknown	2
<i>Scatopsciara tenax</i>	a fly	Sciaridae	Unknown	1
<i>Scatopsciara vivida</i>	a fly	Sciaridae	Unknown	4
<i>Zygoneura sciarina</i>	a fly	Sciaridae	Unknown	3

Holoplagia albitarsis	a fly	Scatopsidae	Common	7
Coboldia fuscipes	a fly	Scatopsidae	Common	4
Scatopse notata	a fly	Scatopsidae	Common	5
Apiloscatopse flavicollis	a fly	Scatopsidae	Common	10
Apiloscatopse picea	a fly	Scatopsidae	Common	4
Rhegmoclema coxendix	a fly	Scatopsidae	Common	1
Swammerdamella brevicornis	a fly	Scatopsidae	Common	1
Contarinia craccae	a gall midge	Cecidomyiidae	Unknown	1
Harmandia globuli	a gall midge	Cecidomyiidae	Unknown	3
Anarete triarthra	a gall midge	Cecidomyiidae	Unknown	1
Lestremia cinerea	a gall midge	Cecidomyiidae	Unknown	6
Campylomyza pumila	a gall midge	Cecidomyiidae	Unknown	6
Xylopriona atra	a gall midge	Cecidomyiidae	Unknown	2
Xylopriona querceti	a gall midge	Cecidomyiidae	Unknown	1
Holoneurus marginatus	a gall midge	Cecidomyiidae	Unknown	2
Cystiphora sonchi	a gall midge	Cecidomyiidae	Unknown	1
Dasineura urticae	a gall midge	Cecidomyiidae	Unknown	1
Hartigiola annulipes	a gall midge	Cecidomyiidae	Unknown	1
Jaapiella veronicae	a gall midge	Cecidomyiidae	Unknown	2
Rhabdophaga marginemtorquens	a gall midge	Cecidomyiidae	Unknown	1
Rhabdophaga rosaria	a gall midge	Cecidomyiidae	Unknown	1
Taxomyia taxi	a gall midge	Cecidomyiidae	Unknown	1
Lasioptera rubi	a gall midge	Cecidomyiidae	Unknown	3
Beris chalybata	a soldier fly	Stratiomyidae	Common	1
Beris clavipes	a soldier fly	Stratiomyidae	Notable/Nb	1
Beris morrisii	a soldier fly	Stratiomyidae	Local	1
Beris vallata	a soldier fly	Stratiomyidae	Common	20
Chorisops nagatomii	a soldier fly	Stratiomyidae	Notable/Nb	1
Chorisops tibialis	a soldier fly	Stratiomyidae	Common	1
Nemotelus nigrinus	a soldier fly	Stratiomyidae	Local	8
Nemotelus notatus	a soldier fly	Stratiomyidae	Local	9
Nemotelus pantherinus	a soldier fly	Stratiomyidae	Local	4
Nemotelus uliginosus	a soldier fly	Stratiomyidae	Local	6
Oxycera rara	a soldier fly	Stratiomyidae	Local	7
Oxycera trilineata	a soldier fly	Stratiomyidae	Local	15
Vanoyia tenuicornis	a soldier fly	Stratiomyidae	Notable/Nb	6
Pachygaster atra	a soldier fly	Stratiomyidae	Common	9
Praomyia leachii	a soldier fly	Stratiomyidae	Local	5
Chloromyia formosa	a soldier fly	Stratiomyidae	Common	31
Microchrysa flavicornis	a soldier fly	Stratiomyidae	Common	5
Microchrysa polita	a soldier fly	Stratiomyidae	Common	1
Sargus bipunctatus	a soldier fly	Stratiomyidae	Common	2
Sargus cuprarius	a soldier fly	Stratiomyidae	Local	3
Odontomyia ornata	a soldier fly	Stratiomyidae	RDB2	8
Odontomyia tigrina	a soldier fly	Stratiomyidae	Notable/Nb	18
Oplodontha viridula	a soldier fly	Stratiomyidae	Local	28
Stratiomys singularior	a soldier fly	Stratiomyidae	Notable/Nb	5
Stratiomys longicornis	a soldier fly	Stratiomyidae	RDB2	1
Stratiomys potamida	a soldier fly	Stratiomyidae	Notable/Nb	6
Xylophagus ater	a fly	Xylophagidae	Local	1
Chrysopilus asiliformis	a snipe fly	Rhagionidae	Common	1
Chrysopilus cristatus	a snipe fly	Rhagionidae	Common	18
Spania nigra	a snipe fly	Rhagionidae	Notable/Nb	2
Atrichops crassipes	a snipe fly	Rhagionidae	RDB3	1
Rhagio lineola	a snipe fly	Rhagionidae	Common	3
Rhagio scolopacea	a snipe fly	Rhagionidae	Common	4
Rhagio tringarius	a snipe fly	Rhagionidae	Common	5

<i>Chrysops caecutiens</i>	a horse fly	Tabanidae	Common	1
<i>Chrysops relictus</i>	a horse fly	Tabanidae	Common	21
<i>Chrysops viduatus</i>	a horse fly	Tabanidae	Local	1
<i>Haematopota crassicornis</i>	a horse fly	Tabanidae	Local	3
<i>Haematopota pluvialis</i>	a horse fly	Tabanidae	Common	15
<i>Haematopota subcylindrica</i>	a horse fly	Tabanidae	Unknown	2
<i>Tabanus autumnalis</i>	a horse fly	Tabanidae	Local	6
<i>Tabanus bovinus</i>	a horse fly	Tabanidae	pRDBK	1
<i>Tabanus bromius</i>	a horse fly	Tabanidae	Local	4
<i>Dysmachus trignonus</i>	a robber fly	Asilidae	Local	11
<i>Epitriptus cingulatus</i>	a robber fly	Asilidae	Local	6
<i>Neoitamus cyanurus</i>	a robber fly	Asilidae	Local	4
<i>Philonicus albiceps</i>	a robber fly	Asilidae	Local	3
<i>Leptogaster cylindrica</i>	a robber fly	Asilidae	Common	10
<i>Dioctria baumhaueri</i>	a robber fly	Asilidae	Local	1
<i>Dioctria linearis</i>	a robber fly	Asilidae	Local	1
<i>Thereva annulata</i>	a stiletto fly	Therevidae	Local	1
<i>Thereva bipunctata</i>	a stiletto fly	Therevidae	Local	1
<i>Thereva fulva</i>	a stiletto fly	Therevidae	pRDB3	1
<i>Thereva plebeia</i>	a stiletto fly	Therevidae	Notable/Nb	5
<i>Scenopinus fenestralis</i>	a window fly	Scenopinidae	Unknown	3
<i>Bombylius discolor</i>	a bee fly	Bombyliidae	Notable/Nb	5
<i>Bombylius major</i>	Bee Fly	Bombyliidae	Common	8
<i>Villa paniscus</i>	a bee fly	Bombyliidae	Local	1
<i>Phthiria pulicaria</i>	a bee fly	Bombyliidae	Notable/Nb	6
<i>Drapetis arcuata</i>	a dance fly	Empididae	Local	2
<i>Drapetis assimilis</i>	a dance fly	Empididae	Unknown	2
<i>Drapetis parilis</i>	a dance fly	Empididae	Local	1
<i>Drapetis humilis</i>	a dance fly	Empididae	Local	2
<i>Drapetis nigrifella</i>	a dance fly	Empididae	Local	2
<i>Drapetis ephippiata</i>	a dance fly	Empididae	Local	3
<i>Tachypeza nubila</i>	a dance fly	Empididae	Common	7
<i>Tachydromia aemula</i>	a dance fly	Empididae	Common	12
<i>Tachydromia arrogans</i>	a dance fly	Empididae	Common	1
<i>Tachydromia umbrarum</i>	a dance fly	Empididae	Unknown	1
<i>Platypalpus agilis</i>	a dance fly	Empididae	Common	1
<i>Platypalpus annulatus</i>	a dance fly	Empididae	Common	3
<i>Platypalpus calceatus</i>	a dance fly	Empididae	Common	3
<i>Platypalpus candicans</i>	a dance fly	Empididae	Common	2
<i>Platypalpus ciliaris</i>	a dance fly	Empididae	Common	5
<i>Platypalpus coarctatus</i>	a dance fly	Empididae	Common	2
<i>Platypalpus extricatus</i>	a dance fly	Empididae	Common	2
<i>Platypalpus flavicornis</i>	a dance fly	Empididae	Local	2
<i>Platypalpus kirtlingensis</i>	a dance fly	Empididae	Unknown	1
<i>Platypalpus longicornis</i>	a dance fly	Empididae	Common	2
<i>Platypalpus longisetata</i>	a dance fly	Empididae	Common	5
<i>Platypalpus luteus</i>	a dance fly	Empididae	Common	1
<i>Platypalpus minutus</i>	a dance fly	Empididae	Common	8
<i>Platypalpus nigrifarsis</i>	a dance fly	Empididae	Common	2
<i>Platypalpus notatus</i>	a dance fly	Empididae	Common	3
<i>Platypalpus pallidicornis</i>	a dance fly	Empididae	Local	6
<i>Platypalpus palliventris</i>	a dance fly	Empididae	Common	18
<i>Platypalpus pallipes</i>	a dance fly	Empididae	Unknown	2
<i>Platypalpus parvicauda</i>	a dance fly	Empididae	Local	1
<i>Platypalpus pictitarsis</i>	a dance fly	Empididae	Local	2
<i>Platypalpus praecinctus</i>	a dance fly	Empididae	Notable/Nb	1
<i>Platypalpus strigifrons</i>	a dance fly	Empididae	Local	1

<i>Platypalpus subtilis</i>	a dance fly	Empididae	Notable/Nb	1
<i>Platypalpus verralli</i>	a dance fly	Empididae	Common	1
<i>Hybos culiciformis</i>	a dance fly	Empididae	Common	1
<i>Bicellaria vana</i>	a dance fly	Empididae	Common	4
<i>Leptozepe flavipes</i>	a dance fly	Empididae	Local	2
<i>Oropezella sphenoptera</i>	a dance fly	Empididae	Local	1
<i>Trichina clavipes</i>	a dance fly	Empididae	Common	1
<i>Trichomyia flavipes</i>	a dance fly	Empididae	Common	1
<i>Oedalea apicalis</i>	a dance fly	Empididae	Notable/Nb	2
<i>Oedalea flavipes</i>	a dance fly	Empididae	Local	1
<i>Oedalea holmgreni</i>	a dance fly	Empididae	Common	2
<i>Oedalea stigmatella</i>	a dance fly	Empididae	Local	1
<i>Oedalea tibialis</i>	a dance fly	Empididae	Local	1
<i>Euthyneura halidayi</i>	a dance fly	Empididae	Local	1
<i>Euthyneura myrtilli</i>	a dance fly	Empididae	Common	2
<i>Microphorus anomalus</i>	a dance fly	Empididae	Local	1
<i>Rhamphomyia (Megacyttarus) crassiro</i>	a dance fly	Empididae	Common	3
<i>Rhamphomyia (Megacyttarus) maculipe</i>	a dance fly	Empididae	Unknown	1
<i>Rhamphomyia (Pararhamphomyia) barba</i>	a dance fly	Empididae	Local	1
<i>Rhamphomyia (Pararhamphomyia) simpl</i>	a dance fly	Empididae	Local	1
<i>Rhamphomyia (Pararhamphomyia) tibie</i>	a dance fly	Empididae	Common	2
<i>Rhamphomyia subcinerascens</i>	a dance fly	Empididae	Local	1
<i>Rhamphomyia sulcata</i>	a dance fly	Empididae	Common	3
<i>Rhamphomyia (Aclonempis) albohirta</i>	a dance fly	Empididae	Unknown	2
<i>Rhamphomyia (Aclonempis) longipes</i>	a dance fly	Empididae	Common	1
<i>Rhamphomyia (Holoclera) caliginosa</i>	a dance fly	Empididae	Notable/Nb	4
<i>Rhamphomyia (Amydroneura) erythroph</i>	a dance fly	Empididae	Common	8
<i>Empis (Xanthempis) lutea</i>	a dance fly	Empididae	Common	2
<i>Empis (Xanthempis) scutellata</i>	a dance fly	Empididae	Local	1
<i>Empis (Kritempis) livida</i>	a dance fly	Empididae	Common	17
<i>Empis (Leptempois) grisea</i>	a dance fly	Empididae	Common	1
<i>Empis (Pachymeria) tessellata</i>	a dance fly	Empididae	Common	1
<i>Empis caudatula</i>	a dance fly	Empididae	Local	2
<i>Empis chioptera</i>	a dance fly	Empididae	Unknown	3
<i>Empis nuntia</i>	a dance fly	Empididae	Common	4
<i>Empis pennipes</i>	a dance fly	Empididae	Unknown	3
<i>Empis praevia</i>	a dance fly	Empididae	Local	5
<i>Empis (Coptophlebia) albinervis</i>	a dance fly	Empididae	Local	4
<i>Empis (Coptophlebia) vitripennis</i>	a dance fly	Empididae	Local	1
<i>Hilara anglodanica</i>	a dance fly	Empididae	Local	2
<i>Hilara chorica</i>	a dance fly	Empididae	Common	1
<i>Hilara clypeata</i>	a dance fly	Empididae	Local	1
<i>Hilara cornicula</i>	a dance fly	Empididae	Local	3
<i>Hilara curtisi</i>	a dance fly	Empididae	Unknown	1
<i>Hilara discoidalis</i>	a dance fly	Empididae	Local	1
<i>Hilara fuscipes</i>	a dance fly	Empididae	Unknown	2
<i>Hilara interstincta</i>	a dance fly	Empididae	Common	2
<i>Hilara litorea</i>	a dance fly	Empididae	Common	1
<i>Hilara lundbecki</i>	a dance fly	Empididae	Local	3
<i>Hilara lurida</i>	a dance fly	Empididae	Local	2
<i>Hilara manicata</i>	a dance fly	Empididae	Common	1
<i>Hilara monedula</i>	a dance fly	Empididae	Common	1
<i>Hilara quadrivittata</i>	a dance fly	Empididae	Common	2
<i>Hilara subpollinosa</i>	a dance fly	Empididae	Local	2
<i>Hilara thoracica</i>	a dance fly	Empididae	Local	2
<i>Heleodromia immaculata</i>	a dance fly	Empididae	Local	2
<i>Phyllodromia melanocephala</i>	a dance fly	Empididae	Common	4

<i>Chelifera aperticauda</i>	a dance fly	Empididae	Notable/Nb	1
<i>Chelifera preclatoria</i>	a dance fly	Empididae	Common	1
<i>Dolichocephala guttata</i>	a dance fly	Empididae	Common	2
<i>Clinocera (Hydrodromia) fontinalis</i>	a dance fly	Empididae	Common	2
<i>Dolichopus arbustorum</i>	a dolichopodid fly	Dolichopodidae	Notable/Nb	2
<i>Dolichopus brevipennis</i>	a dolichopodid fly	Dolichopodidae	Local	8
<i>Dolichopus campestris</i>	a dolichopodid fly	Dolichopodidae	Common	5
<i>Dolichopus cilifemoratus</i>	a dolichopodid fly	Dolichopodidae	Notable/Nb	1
<i>Dolichopus clavipes</i>	a dolichopodid fly	Dolichopodidae	Local	3
<i>Dolichopus festivus</i>	a dolichopodid fly	Dolichopodidae	Common	7
<i>Dolichopus griseipennis</i>	a dolichopodid fly	Dolichopodidae	Common	10
<i>Dolichopus latelimbatus</i>	a dolichopodid fly	Dolichopodidae	Local	7
<i>Dolichopus nubilus</i>	a dolichopodid fly	Dolichopodidae	Common	5
<i>Dolichopus pennatus</i>	a dolichopodid fly	Dolichopodidae	Common	3
<i>Dolichopus plumipes</i>	a dolichopodid fly	Dolichopodidae	Common	12
<i>Dolichopus popularis</i>	a dolichopodid fly	Dolichopodidae	Common	3
<i>Dolichopus sabinus</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Dolichopus signatus</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Dolichopus signifer</i>	a dolichopodid fly	Dolichopodidae	Notable/Nb	3
<i>Dolichopus trivialis</i>	a dolichopodid fly	Dolichopodidae	Common	4
<i>Dolichopus unguatus</i>	a dolichopodid fly	Dolichopodidae	Common	10
<i>Dolichopus wahlbergi</i>	a dolichopodid fly	Dolichopodidae	Local	4
<i>Dolichopus diadema</i>	a dolichopodid fly	Dolichopodidae	Local	5
<i>Hercostomus assimilis</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Hercostomus chalybeus</i>	a dolichopodid fly	Dolichopodidae	Local	4
<i>Hercostomus chrysozygus</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Hercostomus cupreus</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Hercostomus gracilis</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Hercostomus metallicus</i>	a dolichopodid fly	Dolichopodidae	Common	1
<i>Hercostomus nanus</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Hercostomus silvestris</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Hypophyllus obscurellus</i>	a dolichopodid fly	Dolichopodidae	Common	2
<i>Poecilobothrus nobilitatus</i>	a dolichopodid fly	Dolichopodidae	Common	16
<i>Tachytrechus insignis</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Hydrophorus litoreus</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Hydrophorus oceanus</i>	a dolichopodid fly	Dolichopodidae	Local	5
<i>Hydrophorus praecox</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Scellus notatus</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Orthoceratium lacustre</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Aphrosylus ferox</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Aphrosylus mitis</i>	a dolichopodid fly	Dolichopodidae	RDB3	2
<i>Medetera flavipes</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Medetera impigra</i>	a dolichopodid fly	Dolichopodidae	Unknown	1
<i>Medetera jacula</i>	a dolichopodid fly	Dolichopodidae	Unknown	6
<i>Medetera micacea</i>	a dolichopodid fly	Dolichopodidae	Local	12
<i>Medetera muralis</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Medetera pallipes</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Medetera petrophiloides</i>	a dolichopodid fly	Dolichopodidae	Unknown	2
<i>Medetera saxatilis</i>	a dolichopodid fly	Dolichopodidae	Local	8
<i>Medetera tristis</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Medetera truncorum</i>	a dolichopodid fly	Dolichopodidae	Common	11
<i>Thrypticus bellus</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Rhaphium antennatum</i>	a dolichopodid fly	Dolichopodidae	Notable/Nb	4
<i>Rhaphium appendiculatum</i>	a dolichopodid fly	Dolichopodidae	Common	4
<i>Rhaphium caliginosum</i>	a dolichopodid fly	Dolichopodidae	Common	7
<i>Rhaphium commune</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Rhaphium elegantulum</i>	a dolichopodid fly	Dolichopodidae	Local	1

<i>Rhaphium monotrichum</i>	a dolichopodid fly	Dolichopodidae	Common	1
<i>Syntormon denticulatus</i>	a dolichopodid fly	Dolichopodidae	Local	5
<i>Syntormon pallipes</i>	a dolichopodid fly	Dolichopodidae	Common	9
<i>Syntormon pumilus</i>	a dolichopodid fly	Dolichopodidae	Local	7
<i>Syntormon aulicus</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Chrysotus collini</i>	a dolichopodid fly	Dolichopodidae	Local	3
<i>Chrysotus gramineus</i>	a dolichopodid fly	Dolichopodidae	Common	1
<i>Chrysotus palustris</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Argyra argentella</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Argyra argentina</i>	a dolichopodid fly	Dolichopodidae	Common	4
<i>Argyra argyria</i>	a dolichopodid fly	Dolichopodidae	Common	1
<i>Argyra confinis</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Argyra leucocephala</i>	a dolichopodid fly	Dolichopodidae	Common	1
<i>Argyra perplexa</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Campsicnemus armatus</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Campsicnemus curvipes</i>	a dolichopodid fly	Dolichopodidae	Common	4
<i>Campsicnemus loripes</i>	a dolichopodid fly	Dolichopodidae	Common	1
<i>Campsicnemus pectinulatus</i>	a dolichopodid fly	Dolichopodidae	Notable/Nb	1
<i>Campsicnemus picticornis</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Campsicnemus scambus</i>	a dolichopodid fly	Dolichopodidae	Common	2
<i>Sympycnus desoutterii</i>	a dolichopodid fly	Dolichopodidae	Common	11
<i>Teuchophorus spinigerellus</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Micromorphus albipes</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Chrysotimus molliculus</i>	a dolichopodid fly	Dolichopodidae	Local	2
<i>Xanthochlorus ornatus</i>	a dolichopodid fly	Dolichopodidae	Local	1
<i>Sciapus platypterus</i>	a dolichopodid fly	Dolichopodidae	Common	3
<i>Lonchoptera furcata</i>	a pointed-wing fly	Lonchopteridae	Common	7
<i>Lonchoptera lutea</i>	a pointed-wing fly	Lonchopteridae	Common	35
<i>Lonchoptera scutellata</i>	a pointed-wing fly	Lonchopteridae	Notable/Nb	1
<i>Lonchoptera tristis</i>	a pointed-wing fly	Lonchopteridae	Local	5
<i>Beckerina umbrimargo</i>	a scuttle fly	Phoridae	Unknown	2
<i>Megaselia aequalis</i>	a scuttle fly	Phoridae	Unknown	2
<i>Megaselia barbulata</i>	a scuttle fly	Phoridae	Unknown	1
<i>Megaselia ciliata</i>	a scuttle fly	Phoridae	Unknown	1
<i>Megaselia fuscovariana</i>	a scuttle fly	Phoridae	Unknown	1
<i>Megaselia latifrons</i>	a scuttle fly	Phoridae	Unknown	1
<i>Megaselia pleuralis</i>	a scuttle fly	Phoridae	Unknown	3
<i>Megaselia pumila</i>	a scuttle fly	Phoridae	Unknown	1
<i>Megaselia giraudii</i>	a scuttle fly	Phoridae	Unknown	1
<i>Megaselia melanocephala</i>	a scuttle fly	Phoridae	Unknown	6
<i>Megaselia rubescens</i>	a scuttle fly	Phoridae	Unknown	1
<i>Megaselia ruficornis</i>	a scuttle fly	Phoridae	Unknown	3
<i>Megaselia rufipes</i>	a scuttle fly	Phoridae	Unknown	5
<i>Megaselia subtumida</i>	a scuttle fly	Phoridae	Unknown	1
<i>Megaselia tumida</i>	a scuttle fly	Phoridae	Unknown	1
<i>Metopina oligoneura</i>	a scuttle fly	Phoridae	Unknown	2
<i>Pseudacteon formicarum</i>	a scuttle fly	Phoridae	Unknown	3
<i>Anevrina thoracica</i>	a scuttle fly	Phoridae	Unknown	1
<i>Anevrina unispinosa</i>	a scuttle fly	Phoridae	Unknown	1
<i>Borophaga incrassata</i>	a scuttle fly	Phoridae	Common	1
<i>Conicera dauci</i>	a scuttle fly	Phoridae	Unknown	1
<i>Conicera floricola</i>	a scuttle fly	Phoridae	Unknown	1
<i>Diplonerva concinna</i>	a scuttle fly	Phoridae	Unknown	1
<i>Diplonerva nitidula</i>	a scuttle fly	Phoridae	Unknown	5
<i>Diplonerva pilosella</i>	a scuttle fly	Phoridae	Unknown	2
<i>Phora atra</i>	a scuttle fly	Phoridae	Unknown	1
<i>Tripleba intermedia</i>	a scuttle fly	Phoridae	Unknown	3

<i>Triphleba luteifemorata</i>	a scuttle fly	Phoridae	Unknown	1
<i>Triphleba minuta</i>	a scuttle fly	Phoridae	Unknown	1
<i>Opetia nigra</i>	a big-footed fly	Platypozidae	Common	5
<i>Microsania stigmatalis</i>	a big-footed fly	Platypozidae	Unknown	1
<i>Callomyia amoena</i>	a big-footed fly	Platypozidae	Local	1
<i>Agathomyia unicolor</i>	a big-footed fly	Platypozidae	Unknown	1
<i>Platypeza consobrina</i>	a big-footed fly	Platypozidae	Unknown	1
<i>Paraplatypeza atra</i>	a big-footed fly	Platypozidae	Local	1
<i>Chalarus spurius</i>	a big-headed fly	Pipunculidae	Common	2
<i>Verrallia aucta</i>	a big-headed fly	Pipunculidae	Common	1
<i>Verrallia setosa</i>	a big-headed fly	Pipunculidae	Unknown	1
<i>Nephrocerus flavicornis</i>	a big-headed fly	Pipunculidae	Notable/Nb	1
<i>Dorylomorpha anderssoni</i>	a big-headed fly	Pipunculidae	Local	1
<i>Cephalops semifumosus</i>	a big-headed fly	Pipunculidae	Common	4
<i>Baccha</i> sp.	a hoverfly	Syrphidae	Common	1
<i>Baccha elongata</i>	a hoverfly	Syrphidae	Common	2
<i>Baccha obscuripennis</i>	a hoverfly	Syrphidae	Common	1
<i>Melanostoma mellinum</i>	a hoverfly	Syrphidae	Common	22
<i>Melanostoma scalare</i>	a hoverfly	Syrphidae	Common	13
<i>Platycheirus ambiguus</i>	a hoverfly	Syrphidae	Local	2
<i>Platycheirus albimanus</i>	a hoverfly	Syrphidae	Common	21
<i>Platycheirus angustatus</i>	a hoverfly	Syrphidae	Common	3
<i>Platycheirus clypeatus</i> agg.	a hoverfly	Syrphidae	Common	4
<i>Platycheirus clypeatus</i> sens. str.	a hoverfly	Syrphidae	Common	3
<i>Platycheirus fulviventris</i>	a hoverfly	Syrphidae	Local	9
<i>Platycheirus immarginatus</i>	a hoverfly	Syrphidae	Notable/Nb	1
<i>Platycheirus manicatus</i>	a hoverfly	Syrphidae	Common	5
<i>Platycheirus peltatus</i> agg.	a hoverfly	Syrphidae	Common	2
<i>Platycheirus scutatus</i>	a hoverfly	Syrphidae	Common	5
<i>Platycheirus tarsalis</i>	a hoverfly	Syrphidae	Local	1
<i>Pyrophaena granditarsa</i>	a hoverfly	Syrphidae	Common	3
<i>Pyrophaena rosarum</i>	a hoverfly	Syrphidae	Local	6
<i>Paragus haemorrhous</i>	a hoverfly	Syrphidae	Local	2
<i>Chrysotoxum bicinctum</i>	a hoverfly	Syrphidae	Local	11
<i>Dasysyrphus albostrigatus</i>	a hoverfly	Syrphidae	Local	1
<i>Dasysyrphus tricinctus</i>	a hoverfly	Syrphidae	Common	1
<i>Dasysyrphus venustus</i>	a hoverfly	Syrphidae	Common	1
<i>Epistrophe eligans</i>	a hoverfly	Syrphidae	Common	14
<i>Episyrphus balteatus</i>	a hoverfly	Syrphidae	Common	78
<i>Leucozona laternaria</i>	a hoverfly	Syrphidae	Common	1
<i>Leucozona lucorum</i>	a hoverfly	Syrphidae	Common	8
<i>Melangyna umbellatarum</i>	a hoverfly	Syrphidae	Local	2
<i>Meliscaeva auricollis</i>	a hoverfly	Syrphidae	Common	6
<i>Meliscaeva cinctella</i>	a hoverfly	Syrphidae	Common	6
<i>Eupeodes corollae</i>	a hoverfly	Syrphidae	Common	17
<i>Metasyrphus latifasciatus</i>	a hoverfly	Syrphidae	Local	4
<i>Eupeodes luniger</i>	a hoverfly	Syrphidae	Common	2
<i>Scaeva pyrastris</i>	a hoverfly	Syrphidae	Common	33
<i>Scaeva selenitica</i>	a hoverfly	Syrphidae	Local	1
<i>Sphaerophoria</i> sp.	a hoverfly	Syrphidae	Common	3
<i>Sphaerophoria loewi</i>	a hoverfly	Syrphidae	RDB2	3
<i>Sphaerophoria rueppellii</i>	a hoverfly	Syrphidae	Local	1
<i>Sphaerophoria scripta</i>	a hoverfly	Syrphidae	Common	35
<i>Syrphus ribesii</i>	a hoverfly	Syrphidae	Common	6
<i>Syrphus torvus</i>	a hoverfly	Syrphidae	Common	1
<i>Syrphus vitripennis</i>	a hoverfly	Syrphidae	Common	14
<i>Xanthogramma citrofasciatum</i>	a hoverfly	Syrphidae	Local	1

<i>Xanthogramma pedissequum</i>	a hoverfly	Syrphidae	Local	3
<i>Cheilosia albitarsis</i>	a hoverfly	Syrphidae	Common	5
<i>Cheilosia bergenstammi</i>	a hoverfly	Syrphidae	Local	1
<i>Cheilosia fraterna</i>	a hoverfly	Syrphidae	Local	2
<i>Cheilosia grossa</i>	a hoverfly	Syrphidae	Local	13
<i>Cheilosia illustrata</i>	a hoverfly	Syrphidae	Common	11
<i>Cheilosia intonsa</i>	a hoverfly	Syrphidae	Local	1
<i>Cheilosia pagana</i>	a hoverfly	Syrphidae	Common	2
<i>Cheilosia scutellata</i>	a hoverfly	Syrphidae	Common	3
<i>Cheilosia variabilis</i>	a hoverfly	Syrphidae	Common	1
<i>Ferdinandea cuprea</i>	a hoverfly	Syrphidae	Local	4
<i>Rhingia campestris</i>	a hoverfly	Syrphidae	Common	6
<i>Rhingia rostrata</i>	a hoverfly	Syrphidae	Notable/Nb	12
<i>Brachyopa scutellaris</i>	a hoverfly	Syrphidae	Local	1
<i>Chrysogaster hirtella</i>	a hoverfly	Syrphidae	Common	8
<i>Chrysogaster solstitialis</i>	a hoverfly	Syrphidae	Common	5
<i>Lejogaster metallina</i>	a hoverfly	Syrphidae	Common	7
<i>Neoascia</i> sp.	a hoverfly	Syrphidae	Unknown	1
<i>Neoascia podagrica</i>	a hoverfly	Syrphidae	Common	4
<i>Neoascia tenur</i>	a hoverfly	Syrphidae	Local	12
<i>Orthonevra geniculata</i>	a hoverfly	Syrphidae	Notable/Nb	1
<i>Orthonevra nobilis</i>	a hoverfly	Syrphidae	Local	2
<i>Anasimyia contracta</i>	a hoverfly	Syrphidae	Local	10
<i>Anasimyia interpuncta</i>	a hoverfly	Syrphidae	RDB3	3
<i>Anasimyia lineata</i>	a hoverfly	Syrphidae	Local	5
<i>Anasimyia transfuga</i>	a hoverfly	Syrphidae	Local	1
<i>Eristalinus aeneus</i>	a hoverfly	Syrphidae	Local	8
<i>Eristalinus sepulchralis</i>	a hoverfly	Syrphidae	Local	19
<i>Eristalis abusivus</i>	a hoverfly	Syrphidae	Local	1
<i>Eristalis arbustorum</i>	a hoverfly	Syrphidae	Common	14
<i>Eristalis intricarius</i>	a hoverfly	Syrphidae	Common	14
<i>Eristalis nemorum</i>	a hoverfly	Syrphidae	Common	8
<i>Eristalis pertinax</i>	a hoverfly	Syrphidae	Common	16
<i>Eristalis tenax</i>	a hoverfly	Syrphidae	Common	34
<i>Helophilus hybridus</i>	a hoverfly	Syrphidae	Local	3
<i>Helophilus pendulus</i>	a hoverfly	Syrphidae	Common	19
<i>Helophilus trivittatus</i>	a hoverfly	Syrphidae	Local	7
<i>Myathropa florea</i>	a hoverfly	Syrphidae	Common	17
<i>Parhelophilus versicolor</i>	a hoverfly	Syrphidae	Local	2
<i>Eumerus strigatus</i>	Lesser bulb-fly	Syrphidae	Common	3
<i>Merodon equestris</i>	Greater Bulb-fly	Syrphidae	Common	4
<i>Pipiza austriaca</i>	a hoverfly	Syrphidae	Local	2
<i>Pipizella varipes</i>	a hoverfly	Syrphidae	Common	5
<i>Pipizella virens</i>	a hoverfly	Syrphidae	Notable/Nb	1
<i>Sericomyia silentis</i>	a hoverfly	Syrphidae	Common	3
<i>Volucella bombylans</i>	a hoverfly	Syrphidae	Common	6
<i>Volucella inanis</i>	a hoverfly	Syrphidae	Notable/Nb	8
<i>Volucella inflata</i>	a hoverfly	Syrphidae	Notable/Nb	2
<i>Volucella pellucens</i>	a hoverfly	Syrphidae	Common	9
<i>Volucella zonaria</i>	a hoverfly	Syrphidae	Notable/Nb	7
<i>Chalcosyrphus nemorum</i>	a hoverfly	Syrphidae	Local	1
<i>Criorhina berberina</i>	a hoverfly	Syrphidae	Local	1
<i>Syritta pipiens</i>	a hoverfly	Syrphidae	Common	33
<i>Tropidia scita</i>	a hoverfly	Syrphidae	Local	10
<i>Xylota segnis</i>	a hoverfly	Syrphidae	Common	8
<i>Xylota sylvarum</i>	a hoverfly	Syrphidae	Local	3
<i>Conops flavipes</i>	a fly	Conopidae	Common	6

<i>Conops quadrifasciata</i>	a fly	Conopidae	Local	1
<i>Physocephala rufipes</i>	a fly	Conopidae	Local	7
<i>Myopa fasciata</i>	a fly	Conopidae	pRDB3	1
<i>Sicus ferrugineus</i>	a fly	Conopidae	Local	6
<i>Myopites inulaedysentericae</i>	a gall fly	Tephritidae	RDB3	5
<i>Urophora cardui</i>	a gall fly	Tephritidae	Common	11
<i>Urophora quadrifasciata</i>	a gall fly	Tephritidae	Local	2
<i>Urophora stylata</i>	a gall fly	Tephritidae	Common	3
<i>Euleia heraclei</i>	a gall fly	Tephritidae	Local	2
<i>Terellia tussilaginis</i>	a gall fly	Tephritidae	Common	1
<i>Chaetorellia jaceae</i>	a gall fly	Tephritidae	Local	2
<i>Chaetostomella cylindrica</i>	a gall fly	Tephritidae	Common	2
<i>Terellia ruficauda</i>	a gall fly	Tephritidae	Common	8
<i>Terellia serratulae</i>	a gall fly	Tephritidae	Common	1
<i>Ensina sonchi</i>	a gall fly	Tephritidae	Local	1
<i>Paroxyna absinthii</i>	a gall fly	Tephritidae	Notable/Nb	4
<i>Paroxyna plantaginis</i>	a gall fly	Tephritidae	Local	5
<i>Sphenella marginata</i>	a gall fly	Tephritidae	Local	2
<i>Tephritis bardanae</i>	a gall fly	Tephritidae	Common	1
<i>Tephritis formosa</i>	a gall fly	Tephritidae	Local	5
<i>Tephritis vespertina</i>	a gall fly	Tephritidae	Common	4
<i>Trupanea stellata</i>	a gall fly	Tephritidae	Local	1
<i>Xyphosia miliaria</i>	a gall fly	Tephritidae	Common	9
<i>Rivellia syngenesiae</i>	a fly	Platystomatidae	Local	6
<i>Herina lugubris</i>	a fly	Otitidae	Local	1
<i>Melieria cana</i>	a fly	Otitidae	Notable/Nb	2
<i>Melieria omissa</i>	a fly	Otitidae	Local	5
<i>Loxocera albisetata</i>	a fly	Psilidae	Common	1
<i>Psila rosae</i>	a fly	Psilidae	Common	1
<i>Heterocheila buccata</i>	a fly	Helcomyzidae	Local	1
<i>Dryomyza anilis</i>	a fly	Dryomyzidae	Common	9
<i>Minettia longipennis</i>	a fly	Lauxaniidae	Common	3
<i>Minettia fasciata</i>	a fly	Lauxaniidae	Unknown	1
<i>Minettia rivosia</i>	a fly	Lauxaniidae	Common	3
<i>Minettia tubifer</i>	a fly	Lauxaniidae	Unknown	1
<i>Sapromyza quadripunctata</i>	a fly	Lauxaniidae	Unknown	5
<i>Sapromyza sexpunctata</i>	a fly	Lauxaniidae	Local	2
<i>Sapromyza sordida</i>	a fly	Lauxaniidae	Unknown	2
<i>Peplomyza litura</i>	a fly	Lauxaniidae	Local	2
<i>Lyciella decempunctatus</i>	a fly	Lauxaniidae	Common	2
<i>Lyciella pallidiventris</i>	a fly	Lauxaniidae	Common	2
<i>Lyciella rorida</i>	a fly	Lauxaniidae	Common	11
<i>Tricholauxania praeusta</i>	a fly	Lauxaniidae	Common	2
<i>Calliopum aeneum</i>	a fly	Lauxaniidae	Common	7
<i>Calliopum geniculatum</i>	a fly	Lauxaniidae	Local	2
<i>Homoneura thalhammeri</i>	a fly	Lauxaniidae	Notable/Nb	1
<i>Suillia affinis</i>	a fly	Heleomyzidae	Local	2
<i>Suillia bicolor</i>	a fly	Heleomyzidae	Common	4
<i>Suillia humilis</i>	a fly	Heleomyzidae	Local	3
<i>Suillia notata</i>	a fly	Heleomyzidae	Common	2
<i>Suillia pallida</i>	a fly	Heleomyzidae	Common	1
<i>Suillia variegata</i>	a fly	Heleomyzidae	Common	16
<i>Suillia atricornis</i>	a fly	Heleomyzidae	Common	4
<i>Heteromyza rotundicornis</i>	a fly	Heleomyzidae	Local	4
<i>Tephrochlamys flavipes</i>	a fly	Heleomyzidae	Common	1
<i>Tephrochlamys rufiventris</i>	a fly	Heleomyzidae	Unknown	6
<i>Tephrochlamys tarsalis</i>	a fly	Heleomyzidae	Local	3

<i>Oeciothea praecox</i>	a fly	Heleomyzidae	Notable/Nb	1
<i>Heleomyza serrata</i>	a fly	Heleomyzidae	Common	1
<i>Trixoscelis frontalis</i>	a fly	Heleomyzidae	Local	1
<i>Trixoscelis obscurella</i>	a fly	Heleomyzidae	Local	3
<i>Chyromya flava</i>	a fly	Chyromyidae	Unknown	4
<i>Orygma luctuosum</i>	a lesser dung fly	Sepsidae	Local	1
<i>Saltella sphondylii</i>	a lesser dung fly	Sepsidae	Common	3
<i>Themira lucida</i>	a lesser dung fly	Sepsidae	Common	2
<i>Themira minor</i>	a lesser dung fly	Sepsidae	Common	3
<i>Themira superba</i>	a lesser dung fly	Sepsidae	Local	2
<i>Nemopoda nitidula</i>	a lesser dung fly	Sepsidae	Common	5
<i>Sepsis cynipsea</i>	a lesser dung fly	Sepsidae	Common	15
<i>Sepsis flavimana</i>	a lesser dung fly	Sepsidae	Common	2
<i>Sepsis fulgens</i>	a lesser dung fly	Sepsidae	Common	23
<i>Sepsis orthocnemis</i>	a lesser dung fly	Sepsidae	Common	6
<i>Sepsis punctum</i>	a lesser dung fly	Sepsidae	Common	2
<i>Sepsis thoracica</i>	a lesser dung fly	Sepsidae	Local	2
<i>Sepsis violacea</i>	a lesser dung fly	Sepsidae	Common	5
<i>Pelidnoptera fuscipennis</i>	a snail-killing fly	Sciomyzidae	Local	1
<i>Pherbellia cinerella</i>	a snail-killing fly	Sciomyzidae	Common	15
<i>Pherbellia scutellaris</i>	a snail-killing fly	Sciomyzidae	Common	2
<i>Pteromicra pectorosa</i>	a snail-killing fly	Sciomyzidae	RDB2	1
<i>Coremacera marginata</i>	a snail-killing fly	Sciomyzidae	Local	6
<i>Dichetophora obliterata</i>	a snail-killing fly	Sciomyzidae	Local	1
<i>Elgiva cucularia</i>	a snail-killing fly	Sciomyzidae	Local	5
<i>Elgiva sollicita</i>	a snail-killing fly	Sciomyzidae	Common	4
<i>Hydromya dorsalis</i>	a snail-killing fly	Sciomyzidae	Common	4
<i>Ilione albiseta</i>	a snail-killing fly	Sciomyzidae	Common	5
<i>Limnia unguicornis</i>	a snail-killing fly	Sciomyzidae	Common	1
<i>Pherbina coryleti</i>	a snail-killing fly	Sciomyzidae	Common	14
<i>Psacadina verbekei</i>	a snail-killing fly	Sciomyzidae	Notable/Nb	3
<i>Sepedon spegea</i>	a snail-killing fly	Sciomyzidae	Local	19
<i>Sepedon spinipes</i>	a snail-killing fly	Sciomyzidae	Local	13
<i>Tetanocera arrogans</i>	a snail-killing fly	Sciomyzidae	Local	6
<i>Tetanocera elata</i>	a snail-killing fly	Sciomyzidae	Common	3
<i>Tetanocera ferruginea</i>	a snail-killing fly	Sciomyzidae	Common	5
<i>Tetanocera hyalipennis</i>	a snail-killing fly	Sciomyzidae	Common	2
<i>Tetanocera fuscineris</i>	a snail-killing fly	Sciomyzidae	Local	1
<i>Trypetoptera punctulata</i>	a snail-killing fly	Sciomyzidae	Common	2
<i>Borborillus costalis</i>	a lesser dung fly	Sphaeroceridae	Common	2
<i>Borborillus uncinatus</i>	a lesser dung fly	Sphaeroceridae	Common	1
<i>Copromyza equina</i>	a lesser dung fly	Sphaeroceridae	Common	5
<i>Copromyza similis</i>	a lesser dung fly	Sphaeroceridae	Common	10
<i>Copromyza stercoraria</i>	a lesser dung fly	Sphaeroceridae	Common	2
<i>Crumomyia fimetria</i>	a lesser dung fly	Sphaeroceridae	Common	2
<i>Crumomyia roserii</i>	a lesser dung fly	Sphaeroceridae	Common	7
<i>Lotophila atra</i>	a lesser dung fly	Sphaeroceridae	Common	5
<i>Ischiolepta pusilla</i>	a lesser dung fly	Sphaeroceridae	Common	3
<i>Sphaerocera curvipes</i>	a lesser dung fly	Sphaeroceridae	Common	2
<i>Sphaerocera monilis</i>	a lesser dung fly	Sphaeroceridae	Local	2
<i>Chaetopodella scutellaris</i>	a lesser dung fly	Sphaeroceridae	Common	1
<i>Coproica ferruginata</i>	a lesser dung fly	Sphaeroceridae	Common	2
<i>Coproica hirticula</i>	a lesser dung fly	Sphaeroceridae	Local	2
<i>Coprioca hirtula</i>	a lesser dung fly	Sphaeroceridae	Common	1
<i>Halidayina spinipennis</i>	a lesser dung fly	Sphaeroceridae	Common	2
<i>Spelobia luteilabris</i>	a lesser dung fly	Sphaeroceridae	Common	1
<i>Spelobia nana</i>	a lesser dung fly	Sphaeroceridae	Local	2

<i>Spelobia palmata</i>	a lesser dung fly	Sphaeroceridae	Common	3
<i>Leptocera caenosa</i>	a lesser dung fly	Sphaeroceridae	Common	2
<i>Leptocera fontinalis</i>	a lesser dung fly	Sphaeroceridae	Common	4
<i>Leptocera nigra</i>	a lesser dung fly	Sphaeroceridae	Common	6
<i>Leptocera (Rachispoda) lutosa</i>	a lesser dung fly	Sphaeroceridae	Common	1
<i>Leptocera (Rachispoda) lutosoidea</i>	a lesser dung fly	Sphaeroceridae	Common	4
<i>Limosina silvatica</i>	a lesser dung fly	Sphaeroceridae	Common	2
<i>Minilimosina parvula</i>	a lesser dung fly	Sphaeroceridae	Unknown	1
<i>Minilimosina (Svarciella) vitripenn</i>	a lesser dung fly	Sphaeroceridae	Common	4
<i>Opacifrons humida</i>	a lesser dung fly	Sphaeroceridae	Common	6
<i>Opacifrons septentrionalis</i>	a lesser dung fly	Sphaeroceridae	Unknown	1
<i>Pteremis fenestralis</i>	a lesser dung fly	Sphaeroceridae	Common	7
<i>Pullimosina heteroneura</i>	a lesser dung fly	Sphaeroceridae	Common	1
<i>Pullimosina moesta</i>	a lesser dung fly	Sphaeroceridae	Common	5
<i>Pullimosina pullula</i>	a lesser dung fly	Sphaeroceridae	Local	3
<i>Puncticorpus cribratum</i>	a lesser dung fly	Sphaeroceridae	Unknown	1
<i>Spelobia (Eulimosina) ochripes</i>	a lesser dung fly	Sphaeroceridae	Local	3
<i>Spelobia baezi</i>	a lesser dung fly	Sphaeroceridae	Unknown	1
<i>Spelobia clunipes</i>	a lesser dung fly	Sphaeroceridae	Common	11
<i>Spelobia parapusio</i>	a lesser dung fly	Sphaeroceridae	Unknown	2
<i>Telomerina flavipes</i>	a lesser dung fly	Sphaeroceridae	Local	1
<i>Terrilimosina schmitzi</i>	a lesser dung fly	Sphaeroceridae	Common	1
<i>Thoracochoaeta zosteriae</i>	a lesser dung fly	Sphaeroceridae	Common	1
<i>Paloptera scutellata</i>	a fly	Palopterae	Local	1
<i>Paloptera ustulata</i>	a fly	Palopterae	Common	2
<i>Lonchaea contigua</i>	a fly	Lonchaeidae	Local	1
<i>Lonchaea fumosa</i>	a fly	Lonchaeidae	Common	1
<i>Lonchaea hirticeps</i>	a fly	Lonchaeidae	Notable/Nb	1
<i>Neottiophilum praeustum</i>	a nest fly	Neottiophilidae	Unknown	1
<i>Piophila vulgaris</i>	a fly	Piophilidae	Common	1
<i>Geomyza balachowskyi</i>	a fly	Opomyzidae	Common	1
<i>Geomyza tripunctata</i>	a fly	Opomyzidae	Common	7
<i>Geomyza venusta</i>	a fly	Opomyzidae	Notable/Nb	1
<i>Opomyza florum</i>	a fly	Opomyzidae	Common	3
<i>Opomyza germinationis</i>	a fly	Opomyzidae	Common	15
<i>Opomyza petrei</i>	a fly	Opomyzidae	Common	3
<i>Opomyza punctata</i>	a fly	Opomyzidae	Notable/Nb	1
<i>Clusia flava</i>	a fly	Clusiidae	Local	4
<i>Clusiodes gentilis</i>	a fly	Clusiidae	Local	1
<i>Clusiodes geomyzina</i>	a fly	Clusiidae	pRDB3	2
<i>Clusiodes verticalis</i>	a fly	Clusiidae	Local	1
<i>Odinia maculata</i>	a fly	Odiniidae	pRDB3	2
<i>Meonura neottiophila</i>	a fly	Carniidae	Unknown	1
<i>Acartophthalmus nigrinus</i>	a fly	Acartophthalmidae	Local	1
<i>Anthomyza gracilis</i>	a fly	Anthomyzidae	Common	5
<i>Anthomyza pallida</i>	a fly	Anthomyzidae	Local	2
<i>Asteia amoena</i>	a fly	Asteiidae	Common	5
<i>Asteia concinna</i>	a fly	Asteiidae	Unknown	2
<i>Ditrichophora calceata</i>	a shore fly	Ephydriidae	Unknown	3
<i>Ditrichophora palliditarsis</i>	a shore fly	Ephydriidae	Unknown	1
<i>Ditrichophora plumosa</i>	a shore fly	Ephydriidae	Unknown	2
<i>Psilopa nigrifella</i>	a shore fly	Ephydriidae	Unknown	1
<i>Psilopa nitidula</i>	a shore fly	Ephydriidae	Common	3
<i>Notiphila cinerea</i>	a shore fly	Ephydriidae	Common	5
<i>Notiphila dorsata</i>	a shore fly	Ephydriidae	Unknown	1
<i>Hydrellia albilabris</i>	a shore fly	Ephydriidae	Common	2
<i>Hydrellia chrysostoma</i>	a shore fly	Ephydriidae	Unknown	2

<i>Hydrellia griseola</i>	a shore fly	Ephydridae	Common	11
<i>Hydrellia modesta</i>	a shore fly	Ephydridae	Common	2
<i>Hydrellia ranunculi</i>	a shore fly	Ephydridae	Unknown	1
<i>Philygria sexmaculata</i>	a shore fly	Ephydridae	Unknown	1
<i>Parydra fossarum</i>	a shore fly	Ephydridae	Unknown	1
<i>Parydra littoralis</i>	a shore fly	Ephydridae	Unknown	3
<i>Parydra pubera</i>	a shore fly	Ephydridae	Unknown	1
<i>Parydra quadripunctata</i>	a shore fly	Ephydridae	Unknown	1
<i>Parydroptera discomyzina</i>	a shore fly	Ephydridae	RDB2	2
<i>Hyadina guttata</i>	a shore fly	Ephydridae	Unknown	2
<i>Hyadina humeralis</i>	a shore fly	Ephydridae	Unknown	1
<i>Hyadina scutellata</i>	a shore fly	Ephydridae	Unknown	1
<i>Setacera micans</i>	a shore fly	Ephydridae	Unknown	1
<i>Limnellia quadrata</i>	a shore fly	Ephydridae	Unknown	2
<i>Limnellia surturi</i>	a shore fly	Ephydridae	Common	2
<i>Scatella lutosa</i>	a shore fly	Ephydridae	Unknown	1
<i>Scatella paludum</i>	a shore fly	Ephydridae	Unknown	2
<i>Scatella stagnalis</i>	a shore fly	Ephydridae	Common	4
<i>Scatella subguttata</i>	a shore fly	Ephydridae	Unknown	2
<i>Paracoenia fumosa</i>	a shore fly	Ephydridae	Unknown	2
<i>Diastata adusta</i>	a fly	Diastatidae	Common	2
<i>Diastata inornata</i>	a fly	Diastatidae	Unknown	1
<i>Diastata vagans</i>	a fly	Diastatidae	Notable/Nb	2
<i>Stegana coleoprata</i>	a fruit fly	Drosophilidae	Notable/Nb	1
<i>Amiota basdeni</i>	a fruit fly	Drosophilidae	pRDB2	1
<i>Scaptomyza flava</i>	a fruit fly	Drosophilidae	Common	1
<i>Scaptomyza graminum</i>	a fruit fly	Drosophilidae	Common	5
<i>Scaptomyza griseola</i>	a fruit fly	Drosophilidae	Unknown	1
<i>Scaptomyza pallida</i>	a fruit fly	Drosophilidae	Common	25
<i>Drosophila cameraria</i>	a fruit fly	Drosophilidae	Common	1
<i>Drosophila funebris</i>	a fruit fly	Drosophilidae	Unknown	1
<i>Drosophila histrio</i>	a fruit fly	Drosophilidae	Unknown	1
<i>Drosophila immigrans</i>	a fruit fly	Drosophilidae	Unknown	1
<i>Drosophila phalerata</i>	a fruit fly	Drosophilidae	Unknown	4
<i>Drosophila busckii</i>	a fruit fly	Drosophilidae	Common	2
<i>Drosophila andalusiaca</i>	a fruit fly	Drosophilidae	Common	2
<i>Drosophila fenestrarum</i>	a fruit fly	Drosophilidae	Common	6
<i>Drosophila ambigua</i>	a fruit fly	Drosophilidae	Unknown	2
<i>Drosophila melanogaster</i>	a fruit fly	Drosophilidae	Common	6
<i>Drosophila obscura</i>	a fruit fly	Drosophilidae	Unknown	1
<i>Drosophila subobscura</i>	a fruit fly	Drosophilidae	Common	9
<i>Drosophila tristis</i>	a fruit fly	Drosophilidae	Unknown	1
<i>Desmometopa sordida</i>	a fly	Milichiidae	Unknown	4
<i>Canace nasica</i>	a fly	Canacidae	Unknown	1
<i>Xanthocanace ranula</i>	a fly	Canacidae	Unknown	1
<i>Melanagromyza aeneoventris</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Melanagromyza cunctans</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Ophiomyia cunctata</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Ophiomyia rostrata</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Agromyza albipennis</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Agromyza flaviceps</i>	a leaf-mining fly	Agromyzidae	Unknown	2
<i>Agromyza johannae</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Amauromyza flavifrons</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Cerodontha capitata</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Cerodontha denticornis</i>	a leaf-mining fly	Agromyzidae	Common	6
<i>Cerodontha atronitens</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Cerodontha ireos</i>	a leaf-mining fly	Agromyzidae	Unknown	1

<i>Liriomyza amoena</i>	a leaf-mining fly	Agromyzidae	Unknown	2
<i>Liriomyza pascuum</i>	a leaf-mining fly	Agromyzidae	Local	1
<i>Liriomyza phryne</i>	a leaf-mining fly	Agromyzidae	Unknown	2
<i>Metopomyza ornata</i>	a leaf-mining fly	Agromyzidae	Notable/Nb	8
<i>Paraphytomyza hendeliana</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Napomyza lateralis</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Phytomyza angelicae</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Phytomyza aquilegiae</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Phytomyza fallaciosa</i>	a leaf-mining fly	Agromyzidae	Unknown	3
<i>Phytomyza ilicis</i>	Holly Leaf Gall Fly	Agromyzidae	Common	11
<i>Phytomyza lappae</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Phytomyza lonicerae</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Phytomyza milii</i>	a leaf-mining fly	Agromyzidae	Unknown	10
<i>Phytomyza nigra</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Phytomyza notata</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Phytomyza primulae</i>	a leaf-mining fly	Agromyzidae	Unknown	5
<i>Phytomyza ramosa</i>	a leaf-mining fly	Agromyzidae	Unknown	1
<i>Phytomyza ranunculi</i>	a leaf-mining fly	Agromyzidae	Unknown	7
<i>Phytomyza rufipes</i>	a leaf-mining fly	Agromyzidae	Common	1
<i>Calamoncosis duinensis</i>	a fly	Chloropidae	Local	1
<i>Aphanotrigonum nigripes</i>	a fly	Chloropidae	Local	1
<i>Oscinosoma cognata</i>	a fly	Chloropidae	Common	1
<i>Dicraeus scibilis</i>	a fly	Chloropidae	Notable/Nb	1
<i>Dicraeus vagans</i>	a fly	Chloropidae	Common	1
<i>Botanobia fascipes</i>	a fly	Chloropidae	Unknown	1
<i>Eribolus hungaricus</i>	a fly	Chloropidae	Local	1
<i>Eribolus nana</i>	a fly	Chloropidae	Notable/Nb	1
<i>Eribolus slesvicensis</i>	a fly	Chloropidae	Notable/Nb	1
<i>Oscinella frit</i>	a fly	Chloropidae	Common	6
<i>Elachiptera brevipennis</i>	a fly	Chloropidae	Unknown	1
<i>Elachiptera cornuta</i>	a fly	Chloropidae	Common	10
<i>Camarota curvipennis</i>	a fly	Chloropidae	Local	1
<i>Meromyza femorata</i>	a fly	Chloropidae	Common	1
<i>Meromyza pallida</i>	a fly	Chloropidae	Local	1
<i>Meromyza pratorum</i>	a fly	Chloropidae	Unknown	1
<i>Cryptonevra flavitarsis</i>	a fly	Chloropidae	Local	1
<i>Diplotoxa messoria</i>	a fly	Chloropidae	Common	2
<i>Melanum laterale</i>	a fly	Chloropidae	Common	1
<i>Cetema myopina</i>	a fly	Chloropidae	Notable/Nb	1
<i>Chlorops pumilionis</i>	a fly	Chloropidae	Common	4
<i>Chloropisca glabra</i>	a fly	Chloropidae	Common	3
<i>Thaumatomyia notata</i>	a fly	Chloropidae	Common	1
<i>Thaumatomyia rufa</i>	a fly	Chloropidae	Notable/Nb	4
<i>Gasterophilus intestinalis</i>	Horse Bot Fly	Gasterophilidae	Notable/Nb	1
<i>Exorista tubulosa</i>	a parasitic fly	Tachinidae	Local	1
<i>Gastrolepta anthracina</i>	a parasitic fly	Tachinidae	Local	1
<i>Epicampocera succincta</i>	a parasitic fly	Tachinidae	Common	1
<i>Gonia ornata</i>	a parasitic fly	Tachinidae	Local	1
<i>Tachina fera</i>	a parasitic fly	Tachinidae	Common	5
<i>Tachina grossa</i>	a parasitic fly	Tachinidae	Local	1
<i>Nowickia ferox</i>	a parasitic fly	Tachinidae	Unknown	1
<i>Ernestia rudis</i>	a parasitic fly	Tachinidae	Unknown	1
<i>Triarthria setipennis</i>	a parasitic fly	Tachinidae	Common	1
<i>Phytomyptera cingulata</i>	a parasitic fly	Tachinidae	Unknown	1
<i>Graphogaster brunnescens</i>	a parasitic fly	Tachinidae	RDB3	1
<i>Actia crassicornis</i>	a parasitic fly	Tachinidae	Unknown	1
<i>Siphona geniculata</i>	a parasitic fly	Tachinidae	Common	3

<i>Dexiosoma caninum</i>	a parasitic fly	Tachinidae	Common	1
<i>Eriothrix rufomaculata</i>	a parasitic fly	Tachinidae	Common	16
<i>Phyllomya volvulus</i>	a parasitic fly	Tachinidae	Unknown	1
<i>Phasia hemiptera</i>	a parasitic fly	Tachinidae	Local	2
<i>Phasia pusilla</i>	a parasitic fly	Tachinidae	Local	1
<i>Cylindromyia interrupta</i>	a parasitic fly	Tachinidae	Local	1
<i>Phania funesta</i>	a parasitic fly	Tachinidae	Unknown	2
<i>Melanomya nana</i>	a fly	Rhinophoridae	Common	3
<i>Phyto melanocephala</i>	a fly	Rhinophoridae	Unknown	1
<i>Rhinophora lepida</i>	a fly	Rhinophoridae	Unknown	1
<i>Paykullia maculata</i>	a fly	Rhinophoridae	Local	1
<i>Senotainia conica</i>	a flesh fly	Sarcophagidae	Local	1
<i>Brachicoma devia</i>	a flesh fly	Sarcophagidae	Unknown	1
<i>Discachaeta arcipes</i>	a flesh fly	Sarcophagidae	Notable/Nb	1
<i>Heteronychia dissimilis</i>	a flesh fly	Sarcophagidae	Unknown	1
<i>Pierretia nigriventris</i>	a flesh fly	Sarcophagidae	Common	1
<i>Thyrsocnema incisilobata</i>	a flesh fly	Sarcophagidae	Common	1
<i>Sarcophaga carnaria</i>	a flesh fly	Sarcophagidae	Common	1
<i>Calliphora vicina</i>	a blue bottle or green bottle	Calliphoridae	Common	11
<i>Calliphora vomitoria</i>	a blue bottle or green bottle	Calliphoridae	Common	2
<i>Bellardia biseta</i>	a blue bottle or green bottle	Calliphoridae	Local	1
<i>Bellardia pusilla</i>	a blue bottle or green bottle	Calliphoridae	Common	1
<i>Lucilia illustris</i>	a blue bottle or green bottle	Calliphoridae	Common	1
<i>Lucilia richardsi</i>	a blue bottle or green bottle	Calliphoridae	Unknown	1
<i>Lucilia sericata</i>	a blue bottle or green bottle	Calliphoridae	Common	2
<i>Pollenia rudis</i>	a blue bottle or green bottle	Calliphoridae	Common	2
<i>Pollenia varia</i>	a blue bottle or green bottle	Calliphoridae	Common	1
<i>Pollenia vespillo</i>	a blue bottle or green bottle	Calliphoridae	Local	2
<i>Protocalliphora azurea</i>	a blue bottle or green bottle	Calliphoridae	Unknown	1
<i>Norellisoma lituratum</i>	a dung fly	Scathophagidae	Local	1
<i>Norellisoma spinimanum</i>	a dung fly	Scathophagidae	Common	1
<i>Cordilura ciliata</i>	a dung fly	Scathophagidae	Local	4
<i>Scathophaga decipiens</i>	a dung fly	Scathophagidae	Notable/Nb	1
<i>Scathophaga furcata</i>	a dung fly	Scathophagidae	Common	2
<i>Scathophaga litorea</i>	a dung fly	Scathophagidae	Local	1
<i>Scathophaga lutaria</i>	a dung fly	Scathophagidae	Common	3
<i>Scathophaga stercoraria</i>	a dung fly	Scathophagidae	Common	25
<i>Fucellia maritima</i>	a fly	Anthomyiidae	Unknown	1
<i>Pegohylemyia fugax</i>	a fly	Anthomyiidae	Common	1
<i>Lasiomma nitidicauda</i>	a fly	Anthomyiidae	Unknown	1
<i>Hydrophoria divisa</i>	a fly	Anthomyiidae	Common	1
<i>Anthomyia pluvialis</i>	a fly	Anthomyiidae	Unknown	4
<i>Anthomyia liturata</i>	a fly	Anthomyiidae	Common	1
<i>Leucophora cinerea</i>	a fly	Anthomyiidae	Unknown	1
<i>Delia brassicae</i>	a fly	Anthomyiidae	Common	1
<i>Delia florilega</i>	a fly	Anthomyiidae	Common	2
<i>Delia interflua</i>	a fly	Anthomyiidae	Unknown	1
<i>Delia platura</i>	a fly	Anthomyiidae	Common	2
<i>Hylemya nigrimana</i>	a fly	Anthomyiidae	Local	3
<i>Hylemya vagans</i>	a fly	Anthomyiidae	Common	1
<i>Adia cinerella</i>	a fly	Anthomyiidae	Common	3
<i>Egle muscaria</i>	a fly	Anthomyiidae	Unknown	1
<i>Egle rhinotmeta</i>	a fly	Anthomyiidae	Unknown	2
<i>Nupedia debilis</i>	a fly	Anthomyiidae	Unknown	1
<i>Mycophaga testacea</i>	a fly	Anthomyiidae	Common	1
<i>Fannia aequilineata</i>	a lesser house fly	Fanniidae	Local	1
<i>Fannia armata</i>	a lesser house fly	Fanniidae	Common	1

<i>Fannia canicularis</i>	a lesser house fly	Fanniidae	Common	2
<i>Fannia coracina</i>	a lesser house fly	Fanniidae	Unknown	1
<i>Fannia genualis</i>	a lesser house fly	Fanniidae	Local	2
<i>Fannia glaucescens</i>	a lesser house fly	Fanniidae	Unknown	1
<i>Fannia immutica</i>	a lesser house fly	Fanniidae	Notable/Nb	1
<i>Fannia manicata</i>	a lesser house fly	Fanniidae	Common	3
<i>Fannia nidica</i>	a lesser house fly	Fanniidae	Notable/Nb	1
<i>Fannia nigra</i>	a lesser house fly	Fanniidae	Notable/Nb	1
<i>Fannia pallitibia</i>	a lesser house fly	Fanniidae	Local	2
<i>Fannia polychaeta</i>	a lesser house fly	Fanniidae	Common	1
<i>Fannia scalaris</i>	a lesser house fly	Fanniidae	Unknown	1
<i>Fannia sociella</i>	a lesser house fly	Fanniidae	Common	2
<i>Poietes lardaria</i>	a muscid fly	Muscidae	Common	1
<i>Mesembrina meridiana</i>	a muscid fly	Muscidae	Common	6
<i>Eudasyphora cyanella</i>	a muscid fly	Muscidae	Common	2
<i>Morellia aenescens</i>	a muscid fly	Muscidae	Common	1
<i>Musca domestica</i>	House Fly	Muscidae	Common	1
<i>Musca autumnalis</i>	Face Fly	Muscidae	Common	3
<i>Azelia cilipes</i>	a muscid fly	Muscidae	Common	1
<i>Azelia nebulosa</i>	a muscid fly	Muscidae	Common	4
<i>Thricops diaphanus</i>	a muscid fly	Muscidae	Common	1
<i>Thricops longipes</i>	a muscid fly	Muscidae	Unknown	1
<i>Hydrotaea ignava</i>	a muscid fly	Muscidae	Local	1
<i>Hydrotaea albipunctata</i>	a muscid fly	Muscidae	Common	1
<i>Hydrotaea armipes</i>	a muscid fly	Muscidae	Common	1
<i>Hydrotaea cinerea</i>	a muscid fly	Muscidae	Notable/Nb	1
<i>Hydrotaea cyrtoneurina</i>	a muscid fly	Muscidae	Local	1
<i>Hydrotaea dentipes</i>	a muscid fly	Muscidae	Common	3
<i>Hydrotaea pilipes</i>	a muscid fly	Muscidae	Notable/Nb	1
<i>Muscina levida</i>	a muscid fly	Muscidae	Common	1
<i>Phaonia angelicae</i>	a muscid fly	Muscidae	Common	2
<i>Phaonia bitincta</i>	a muscid fly	Muscidae	pRDB3	3
<i>Phaonia errans</i>	a muscid fly	Muscidae	Common	2
<i>Phaonia fuscata</i>	a muscid fly	Muscidae	Local	1
<i>Phaonia magnicornis</i>	a muscid fly	Muscidae	Local	1
<i>Phaonia pallida</i>	a muscid fly	Muscidae	Common	1
<i>Phaonia palpata</i>	a muscid fly	Muscidae	Common	1
<i>Phaonia rufiventris</i>	a muscid fly	Muscidae	Common	4
<i>Phaonia scutellata</i>	a muscid fly	Muscidae	Appendix (extinct)	1
<i>Phaonia tuguriorum</i>	a muscid fly	Muscidae	Common	5
<i>Phaonia subventa</i>	a muscid fly	Muscidae	Common	7
<i>Phaonia valida</i>	a muscid fly	Muscidae	Common	4
<i>Phaonia mystica</i>	a muscid fly	Muscidae	Local	1
<i>Helina reversio</i>	a muscid fly	Muscidae	Common	4
<i>Helina obscurata</i>	a muscid fly	Muscidae	Local	1
<i>Hebecnema vespertina</i>	a muscid fly	Muscidae	Common	3
<i>Hebecnema nigricolor</i>	a muscid fly	Muscidae	Common	2
<i>Hebecnema nigra</i>	a muscid fly	Muscidae	Common	1
<i>Mydaea corni</i>	a muscid fly	Muscidae	Common	1
<i>Mydaea urbana</i>	a muscid fly	Muscidae	Common	2
<i>Graphomya maculata</i>	a muscid fly	Muscidae	Common	8
<i>Spilogona scutulata</i>	a muscid fly	Muscidae	pRDB3	1
<i>Villeneuveia aestuum</i>	a muscid fly	Muscidae	Local	1
<i>Limnophora tigrina</i>	a muscid fly	Muscidae	Local	2
<i>Lispe tentaculata</i>	a muscid fly	Muscidae	Common	1
<i>Caricea erythrocerata</i>	a muscid fly	Muscidae	Common	1
<i>Schoenomyza litorella</i>	a muscid fly	Muscidae	Common	1

Dexiopsis ruficornis	a muscid fly	Muscidae	Local	1
Coenosia agromyzina	a muscid fly	Muscidae	Unknown	1
Coenosia infantula	a muscid fly	Muscidae	Unknown	1
Coenosia albicornis	a muscid fly	Muscidae	Common	1
Coenosia pumila	a muscid fly	Muscidae	Common	3
Coenosia tigrina	a muscid fly	Muscidae	Common	4
Stomoxys calcitrans	Stable Fly	Muscidae	Common	1
Ornithomya avicularia	a flat fly	Hippoboscidae	Common	1
Ornithomya fringillina	a flat fly	Hippoboscidae	Common	2
Crataerina hirundinis	a flat fly	Hippoboscidae	Common	1
Crataerina pallida	a flat fly	Hippoboscidae	Common	1

Status Definitions And Criteria For Invertebrates

Criteria for the selection of species into the **Red Data Book** categories follow Shirt (1987), with minor modifications that are *italicised*. Categories RDB K (insufficiently known) and RDB I (indeterminate) are based on the criteria used by Wells, Pyle & Collins (1983). Criteria for the selection of Nationally Notable species follow Eversham (1983).

STATUS CATEGORIES

Red Data Book category 1 (RDB 1) - Endangered

Definition.

Taxa in danger of extinction in *Great Britain* and whose survival is unlikely if the causal factors continue operating.

Included are those taxa whose numbers have been reduced to a critical level or whose habitats have been so dramatically reduced that they are deemed to be in immediate danger of extinction. Also included are *some* taxa that are *possibly* extinct.

Criteria.

Species which are known *or believed to occur* as only a single population within one 10 km square of the National Grid.

Species which only occur in habitats known to be especially vulnerable.

Species which have shown a rapid or continuous decline over the last twenty years and are now *estimated* to exist in five or fewer 10 km squares

Species which are *possibly* extinct *but have been recorded this century* and if rediscovered would need protection.

Red Data Book category 2 (RDB 2) - Vulnerable

Definition.

Taxa *believed* likely to move into the endangered category in the near future if the causal factors continue operating.

Included are taxa of which most or all of the populations are decreasing because of *over-exploitation*, extensive destruction of habitat or other environmental disturbance; taxa with populations that have been seriously depleted and whose ultimate security is not yet assured; and taxa with populations that are still abundant but are under threat from serious adverse factors throughout their range.

Criteria.

Species declining throughout their range.

Species in vulnerable habitats.

Red Data Book category 3 (RDB 3) - Rare

Definition.

Taxa with small populations *in Great Britain* that are not at present endangered or vulnerable, but are at risk.

These taxa are usually localised within restricted geographical areas or habitats or are thinly scattered over a more extensive range.

Criterion.

Species which are estimated to exist in only fifteen or fewer 10 km squares. *This criterion may be relaxed where populations are likely to exist in over fifteen 10 km squares but occupy small areas of especially vulnerable habitat*

Red Data Book category 4 (RDB 4) - Out of Danger

Definition.

Taxa formerly meeting the criteria of one of the above categories, but which are now considered relatively secure because effective conservation measures have been taken or the previous threat to their survival *in Great Britain* has been removed.

Red Data Book category 5 (RDB 5) - Endemic

Definition.

Taxa which are not known to occur naturally outside *Great Britain*. Taxa within this category may also be in any of the other RDB categories *or not threatened at all*.

Red Data Book Appendix (RDB app.) - Extinct

Definition.

Taxa which were formerly native to Great Britain but have not been recorded since 1900.

Red Data Book category I (RDB I) - Indeterminate

Definition.

Taxa *considered* to be Endangered Vulnerable or Rare in Great Britain but where there is not enough information to say which of the three categories (RDB 1 to 3) is appropriate.

Red Data Book category K (RDB K) - Insufficiently Known

Definition.

Taxa in Great Britain that are suspected *but* not definitely known, to belong to any of *the* above categories, because of lack of information.

Criteria.

Taxa recently discovered or recognised in Great Britain which may prove to be more widespread in the future.

Taxa with very few or perhaps only a single known locality but which belong to poorly recorded or taxonomically difficult groups.

Species known from very few localities but which occur in inaccessible habitats or habitats which are seldom sampled.

Species with very few or perhaps only a single known locality and of questionable native status, but not clearly failing into the category of recent colonist, vagrant or introduction.

Nationally Scarce Category A - Notable A (Na)

Definition.

Taxa which do not fall within RDB categories but which are none-the-less uncommon in Great Britain and are thought to occur in 30 or fewer 10 km squares of the National Grid or, for less well recorded groups, within seven or fewer vice-counties.

Nationally Scarce Category B - Notable B (Nb)

Definition.

Taxa which do not fall within RDB categories but which are none-the-less uncommon in Great Britain and are thought to occur in between 31 and 100 10 km squares of the National Grid or for less well recorded groups, between eight and twenty vice-counties.

Nationally Scarce - Notable (N)

Definition.

Taxa which do not fall within RDB categories but which are none-the-less uncommon in Great Britain and are thought to occur in between 16 to 100 10 km squares of the National Grid. Species within this category are often too poorly known for their status to be more precisely estimated.

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