

DIPTERA RECORDING SCHEMES FIELD MEETING REPORT

1993 - NORFOLK

A preliminary report

by

Dr S.G. Ball
Species Conservation Branch
Joint Nature Conservation Committee
Monkstone House, City Road, Peterborough, PE1 1JY

&

Dr C.M. Drake
Species Conservation Branch
English Nature
Northminster House, Northminster Road, Peterborough, PE1 1UA

INTRODUCTION

Recording the flora and fauna of Great Britain is co-ordinated by the Biological Records Centre at Monks Wood which is responsible for the publication of distribution maps. However, encouragement of greater levels of recording interest lies with individual scheme organisers who are responsible in the first instance for data collection.

Diptera recording is encouraged and co-ordinated by a panel of scheme organisers. As part of the programme, annual field meetings have been organised for the past 19 years. Until 1992, this organising role was undertaken by Alan Stubbs whilst employed by the Nature Conservancy Council. On Alan's retirement, the organising role for Diptera recording passed on to entomologists in English Nature and the UK Joint Nature Conservation Committee. This meeting (summer 1993) was organised by Dr C.M. Drake of English Nature.

Two annual field meetings are held by the Diptera Recording Schemes; a summer field meeting attended by specialists in a wide range of Diptera families, and an autumn field meeting concentrating on crane flies (Tipuloidea) and fungus gnats (Mycetophilidae). Participants in the field meetings are for the most part amateur entomologists, many of whom are leading specialists in individual Diptera families. Very few of them receive financial support to cover expenses incurred on these field meetings.

In addition to the collection of data for recording schemes, the assembly of a large number of specialists is seen as an opportunity to encourage recording for conservation purposes. Recording consequently tends to concentrate on sites of known nature conservation importance which frequently lack any previous Diptera recording. Important records are subsequently incorporated into the Invertebrate Site Register (ISR) database which is housed within the JNCC.

During the field meeting, parties of Dipterists are encouraged to visit sites for which access permission has been pre-arranged via the Regional Offices of the country conservation agencies. Visiting sites *en spec.* is not actively encouraged, but some sites are visited on this basis and frequently prove to be SSSI's on subsequent examination of the maps.

All participants in the field meeting are encouraged to retain material from families other than those they are especially interested in. This is particularly true for crane flies and fungus gnats but other groups are collected depending upon the specialists attending the meeting. Records for other invertebrate orders are also assembled on a more patchy basis. This means that small numbers of records from other orders will appear on the species lists for each site. This particular meeting was organised in conjunction with the Bees Wasps and Ants Recording Schemes (BWARS), so several participants were especially interested in Aculeate Hymenoptera (and also sawflies in two cases), therefore many of the species lists also include substantial numbers of Hymenoptera.

PARTICIPANTS IN NORFOLK 1993

This year saw a record number of participants in a summer field meeting.

- Dr S.G. Ball - Invertebrate Ecologist for the JNCC. Specialising in Scathophagidae, joint organiser of the hoverfly recording scheme.
- Mr P.L.Th.Beuk - Dutch Dipterist, currently working part time at Leiden Natural History Museum. Especially interested in acalyptates and Empidoidea, but has recently added Mycetophilidae to his interests.
- Mr P.J. Chandler - An authority on fungus gnats and organiser of the fungus gnat recording scheme. Also interested in a wide range of Diptera families.
- Mr J.H. Cole - Specialises in Dolichopodidae but is interested in a wide range of Diptera.
- Mr S.M.Crellin - Dipterist from the Isle of Man. Especially interested in hoverflies and Larger Brachycera.
- Mr R. Crossley - Specialises in Dolichopodidae and Empididae. Joint organiser of the doli & empid Newsletter.
- Mr J Denton -
- Dr C.M.Drake - Invertebrate specialist in English Nature's Species Branch. Especially interested in aquatic invertebrates, grazing levels and the families Lonchopteridae and Opomyzidae. National organiser for Larger Brachycera Recording Scheme.
- Mr S.J.Falk - Curator of Natural History at Coventry Museum. Interested in a wide range of Diptera and Aculeate Hymenoptera. Co-author (with Alan

Stubbs,) of "British Hoverflies" and author (whilst working for NCC) of National Reviews of Diptera and Aculeate Hymenoptera.

Mr A. Godfrey - Entomologist for Bioscan UK Ltd., specialising in Lauxaniidae.

Mrs E.K.Goldie-Smith Organiser of the Dixidae Recording Scheme.

Mr L.Gorman - Hoverfly specialist from North West Hoverfly Recording Group. Also takes an interest in Larger brachycera.

Mr P.Grainger -

Mr A.J. Halstead - Entomologist for the Royal Horticultural Society, specialises in sawflies (Hymenoptera: Tenthredinidae) but also covers a wide range of Diptera.

Mr D Heaver - Species officer for English Nature's West Midlands region. Interested in Diptera, especially hoverflies, Larger Brachycera and Sciomyzidae, but other groups as well.

Mr P J Hodge - Invertebrate consultant who is also a well known authority on Coleoptera. Has taken an interest in Diptera for some years and is especially interested in Dolichopodidae.

Dr E. Howe - Employed by the Countryside Council for Wales. Interested in a wide range of Diptera.

Dr M. Howe - Employed by the Countryside Council for Wales. Interested in a wide range of Diptera.

Mr T.Howes -

Mr K. & Mrs R Merrifield

Mrs J Morgan - In charge of the North Wales Biological Record Centre based in the Zoology Department at Bangor University. Now retired, but still actively involved in biological recording in North Wales. Interested in a wide range of invertebrate groups.

Mr J. Mousley - Interested in a wide range of Diptera.

Mr M. Parker - Hoverfly specialist.

Mr I. Perry - Specialises in a wide range of Diptera and is keen on breeding material from rot holes etc.

Ms B.Peterek - Post-graduate student at University of Central Lancaster working on hoverfly ecology, especially in relation to mimicry.

- Dr K.Porter - Senior county officer in English Nature's Southern Region. Interested in Diptera, especially hoverflies and Larger Brachycera.
- Mr M. Pugh - Interested in a range of Diptera as well as Hymenoptera and Arachnida.
- Dr D.A.Sheppard - Invertebrate specialist in English Nature's Species Branch. Interested in a wide range of invertebrate groups, but especially sawflies and Aculeate Hymenoptera.
- Dr C.Spilling - Spider specialist who has recently taken on Aculeate Hymenoptera.
- Mr A.E. Stubbs - Formerly Head of Terrestrial Invertebrate Zoology in the Nature Conservancy Council, author of "British hoverflies", organiser of the crane fly recording scheme. A wide range of interests in Diptera.
- Mr D.P.Sumner - Organiser of the North West Hoverfly Recording Group.
- Mr A. Wass - Hoverfly specialist.

CONDITIONS DURING THE MEETING

The party was blessed with good weather for almost the entire period of the meeting (4 - 11 July 1993). At the beginning of the week it was hot and sunny, although with a strong northerly wind which made conditions less than ideal at the coast. As the week progressed the wind tended to drop and move round to the south-west and many participants took advantage of this to visit the north coast on Wednesday and Thursday. The weather changed late on Thursday night and Friday 9th brought continuous and often heavy rain nearly all day. Field work was precluded until late afternoon when a few people ventured out to sites near the accommodation. However, the wet day was not wasted and much identification and capture of records took place. Saturday was cool and showery, with some thunderstorms. Most participants managed to dodge the showers and productive site visits were made. By Sunday, dry weather was re-established although it was noticeably cooler than earlier in the week.

The two weeks prior to the meeting had been very hot and sunny. Whilst warm, still conditions are ideal for collecting flies, very hot weather dry weather can depress insect activity. In general this did not prove to be a problem and most of the fenland sites were reasonably wet, following a wet late spring-early summer, but water levels were low at some Breckland sites. It is not clear how much the extreme drought conditions of the previous summers have affected the invertebrate fauna, but some sites (especially in the Brecks) dried out completely in the preceding summer which might be expected to have affected populations of wetland species.

IDENTIFICATION OF MATERIAL AND ASSEMBLY OF DATA

Material collected on site visits was dealt with during the evening of the same day. Some participants chose to identify the bulk of the material immediately whilst others simply sorted and pinned material for examination and identification at a later stage (usually during the autumn and winter).

Participants were requested to report any immediate identifications and these records were entered onto Recorder (computerised biological recording programme) during the meeting and comprises the bulk of the data presented in this report. Records received subsequent to the meeting have also been incorporated but it is likely that a significant amount of data will be submitted during the winter 1993/4. This will be incorporated into the dataset before the production of the final report.

RESULTS

The data presented in this report are what was received by ???. There are likely to be additions during the winter and this report is therefore provisional. Within the data sheet for each site, the total number of records received is listed. In this instance, a record comprises the following variables: Species name, sex, location details, recorder, determiner and date of record. There are therefore more records than species listed as overlap of records is to be expected and this report provides only a brief summary of the much more detailed information that was actually collected.

As the purpose of this report is rapid dissemination of information, no interpretation of the results has been undertaken.

ACKNOWLEDGEMENTS

This meeting was only possible through the good will and help of the Countryside Officers of relevant regions of English Nature. In particular, we would like to thank

Finally, this report would not have been possible without the efforts of the entomologists participating in this meeting.

Aslacton Parish Land

Grid ref: TM1591
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Mr A.E.Stubbs on 10 JUL 1993.
No. of records: 34

RDB2

Erioptera limbata Diptera, Tipulidae

Local

Gonomyia lateralis Diptera, Tipulidae
Gonomyia recta Diptera, Tipulidae
Nephrotoma analis Diptera, Tipulidae
Ptychoptera lacustris Diptera, Ptychopteridae
Strangalia maculata Coleoptera, Cerambycidae
Tipula maxima Diptera, Tipulidae

Common

Aphantopus hyperantus Lepidoptera, Satyridae
Austrolimnophila ochracea Diptera, Tipulidae
Cheilosia illustrata Diptera, Syrphidae
Chrysopilus cristatus Diptera, Rhagionidae
Episyrphus balteatus Diptera, Syrphidae
Eristalis tenax Diptera, Syrphidae
Limnophila nemoralis agg. Diptera, Tipulidae
Limonia macrostigma Diptera, Tipulidae
Maniola jurtina Lepidoptera, Satyridae
Melanostoma scalare Diptera, Syrphidae
Pachygaster atra Diptera, Stratiomyidae
Paradelphomyia senilis Diptera, Tipulidae
Pilaria discicollis Diptera, Tipulidae
Platycheirus clypeatus sens. str. Diptera, Syrphidae
Polygonia c-album Lepidoptera, Nymphalidae
Pseudolimnophila sepium Diptera, Tipulidae
Ptychoptera albimana Diptera, Ptychopteridae
Pyrophaena granditarsa Diptera, Syrphidae
Rhagio lineola Diptera, Rhagionidae
Rhagio scolopacea Diptera, Rhagionidae
Rhagio tringarius Diptera, Rhagionidae
Syritta pipiens Diptera, Syrphidae
Syrphus vitripennis Diptera, Syrphidae
Terellia ruficauda Diptera, Tephritidae
Tipula fascipennis Diptera, Tipulidae
Tipula unca Diptera, Tipulidae
Volucella pellucens Diptera, Syrphidae

Alderfen Broad

Grid ref: TG355195
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site, SSSI & County trust reserve

Description

A now isolated Broad located in a side valley of the River Ant, contains *Ceratophyllum demersum*, *Nymphaea alba*, *Hottonia palustris*, *Callitriche* spp. and *Potamogeton pectinatus*. Stands of *Phragmites australis*, *Typha angustifolia* and *Schoenoplectus lacustris* margin the Broad. This is surrounded by tall fen vegetation including *Carex paniculata*, *Peucedanum palustre*, *Filipendula ulmaria* and *Myrica gale*. Some alder carr is also present. Nitrate levels in the Broad have been reduced since its isolation and re-colonisation of macrophytes has taken place, though phosphate levels have remained high due to accumulated levels being released from the sediments. An important research site monitoring the effects of eutrophication. Managed as a reserve by the Norfolk Naturalists' Trust.

Visited by: K.Merrifield Mr I.Perry & Mr R.Crossley on 07 JUL 1993. Mr P.J.Hodge on 08 JUL 1993.
No. of records: 49

Notable/Nb		<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Molophilus bihamatus</i>	Diptera, Tipulidae	<i>Tipula unca</i>	Diptera, Tipulidae
		<i>Verrallia aucta</i>	Diptera, Pipunculidae
		<i>Volucella pellucens</i>	Diptera, Syrphidae
		Unknown	
Local			
<i>Anepsiomyia flaviventris</i>	Diptera, Dolichopodidae		
<i>Dolichocephala irrorata</i>	Diptera, Empididae	<i>Hilara fuscipes</i>	Diptera, Empididae
<i>Eristalinus sepulchralis</i>	Diptera, Syrphidae	<i>Sciara thomae</i>	Diptera, Sciaridae
<i>Hilara lurida</i>	Diptera, Empididae		
<i>Ladoga camilla</i>	Lepidoptera, Nymphalidae		
<i>Myoleja caesio</i>	Diptera, Tephritidae		
<i>Nephrotoma cornicina</i>	Diptera, Tipulidae		
<i>Oedalea stigmatella</i>	Diptera, Empididae		
<i>Parhelophilus versicolor</i>	Diptera, Syrphidae		
<i>Xanthochlorus ornatus</i>	Diptera, Dolichopodidae		
Common			
<i>Aglais urticae</i>	Lepidoptera, Nymphalidae		
<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae		
<i>Baccha elongata</i>	Diptera, Syrphidae		
<i>Beris vallata</i>	Diptera, Stratiomyidae		
<i>Chrysotus gramineus</i>	Diptera, Dolichopodidae		
<i>Dolichopus popularis</i>	Diptera, Dolichopodidae		
<i>Dolichopus unguilatus</i>	Diptera, Dolichopodidae		
<i>Empis aestiva</i>	Diptera, Empididae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Helophilus pendulus</i>	Diptera, Syrphidae		
<i>Hercostomus aereus</i>	Diptera, Dolichopodidae		
<i>Hybos femoratus</i>	Diptera, Empididae		
<i>Hypophyllus obscurellus</i>	Diptera, Dolichopodidae		
<i>Limonia chorea</i>	Diptera, Tipulidae		
<i>Limonia dumetorum</i>	Diptera, Tipulidae		
<i>Limonia nubeculosa</i>	Diptera, Tipulidae		
<i>Melanostoma mellinum</i>	Diptera, Syrphidae		
<i>Melanostoma scalare</i>	Diptera, Syrphidae		
<i>Molophilus appendiculatus</i>	Diptera, Tipulidae		
<i>Molophilus ochraceus</i>	Diptera, Tipulidae		
<i>Oedalea holmgreni</i>	Diptera, Empididae		
<i>Paradelphomyia senilis</i>	Diptera, Tipulidae		
<i>Pieris brassicae</i>	Lepidoptera, Pieridae		
<i>Pilaria discicollis</i>	Diptera, Tipulidae		
<i>Platycheirus cyaneus</i>	Diptera, Syrphidae		
<i>Platypalpus coarctatus</i>	Diptera, Empididae		
<i>Rhagio lineola</i>	Diptera, Rhagionidae		
<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae		

Badley Moor

Grid ref: TG0111
Vice-county(s): West Norfolk
County(s): Norfolk
Status: ISR site, Private owner & SSSI

Visited by: D.J.Heaver, Dr E.Howe, Dr M.A.Howe, Mr A.Godfrey & Mr J.Mousley on 06 JUL 1993.
No. of records: 36

Local

<i>Cordilura albipes</i>	Diptera, Scathophagidae
<i>Gonomyia lateralis</i>	Diptera, Tipulidae
<i>Herina frondescentiae</i>	Diptera, Otitidae
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae
<i>Oxycera rara</i>	Diptera, Stratiomyidae
<i>Physiphora alceae</i>	Diptera, Otitidae
<i>Tropidia scita</i>	Diptera, Syrphidae
<i>Xanthogramma pedissequum</i>	Diptera, Syrphidae

Common

<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae
<i>Cheilosia illustrata</i>	Diptera, Syrphidae
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Dicraeus vagans</i>	Diptera, Chloropidae
<i>Empis livida</i>	Diptera, Empididae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Eriothrix rufomaculata</i>	Diptera, Tachinidae
<i>Haematopota pluvialis</i>	Diptera, Tabanidae
<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Maniola jurtina</i>	Lepidoptera, Satyridae
<i>Minettia rivosia</i>	Diptera, Lauxaniidae
<i>Nephrotoma flavescens</i>	Diptera, Tipulidae
<i>Ochlodes venata</i>	Lepidoptera, Hesperidae
<i>Philaenus spumarius</i>	Hemiptera, Cercopidae
<i>Polyommatus icarus</i>	Lepidoptera, Lycaenidae
<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Rhagio scolopacea</i>	Diptera, Rhagionidae
<i>Rhagio tringarius</i>	Diptera, Rhagionidae
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Syrphia pipiens</i>	Diptera, Syrphidae
<i>Terellia ruficauda</i>	Diptera, Tephritidae
<i>Tipula fascipennis</i>	Diptera, Tipulidae
<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Xyphosia miliaria</i>	Diptera, Tephritidae

Barnby Broad

Grid ref: TM480906
Vice-county(s): East Suffolk
County(s): Suffolk
Status: ISR site

Description

Small broad in the lower Waveney Valley, surrounded by carr woodland and grazing marsh.

Visited by: D.J.Heaver, Dr E.Howe, Dr M.A.Howe, Mr A.Godfrey & Mr J.Mousley on 07 JUL 1993.
No. of records: 53

pRDB2		<i>Volucella pellucens</i>	Diptera, Syrphidae
		<i>Xylota segnis</i>	Diptera, Syrphidae
<i>Stenomicroa delicata</i>	Diptera, Aulacigastridae		
Notable/Nb		Migrant	
		<i>Vanessa atalanta</i>	Lepidoptera, Nymphalidae
<i>Anagnosta bicolor</i>	Diptera, Anthomyzidae		
<i>Beris clavipes</i>	Diptera, Stratiomyidae	Unknown	
<i>Limonia lucida</i>	Diptera, Tipulidae		
<i>Stratiomys potamida</i>	Diptera, Stratiomyidae	<i>Elachiptera brevipennis</i>	Diptera, Chloropidae
<i>Stratiomys singularior</i>	Diptera, Stratiomyidae	<i>Sciara thomae</i>	Diptera, Sciaridae
<i>Xylota abiens</i>	Diptera, Syrphidae		
Local			
<i>Achalcus flavicollis</i>	Diptera, Dolichopodidae		
<i>Drapetis ephippiata</i>	Diptera, Empididae		
<i>Ectemnius lapidarius</i>	Hymenoptera, Sphecidae		
<i>Gonomyia lateralis</i>	Diptera, Tipulidae		
<i>Myoleja caesia</i>	Diptera, Tephritidae		
<i>Nephrotoma analis</i>	Diptera, Tipulidae		
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae		
<i>Ptychoptera contaminata</i>	Diptera, Ptychopteridae		
<i>Strangalia maculata</i>	Coleoptera, Cerambycidae		
<i>Tipula nigra</i>	Diptera, Tipulidae		
<i>Tropidia scita</i>	Diptera, Syrphidae		
<i>Xylota sylvarum</i>	Diptera, Syrphidae		
Common			
<i>Asteia amoena</i>	Diptera, Asteiidae		
<i>Cepaea nemoralis</i>	Mollusca, Helicidae		
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae		
<i>Chrysops caecutiens</i>	Diptera, Tabanidae		
<i>Conops flavipes</i>	Diptera, Conopidae		
<i>Dicraeus vagans</i>	Diptera, Chloropidae		
<i>Elachiptera cornuta</i>	Diptera, Chloropidae		
<i>Empis livida</i>	Diptera, Empididae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Eristalis tenax</i>	Diptera, Syrphidae		
<i>Forficula auricularia</i>	Dermaptera, Forficulidae		
<i>Helophilus pendulus</i>	Diptera, Syrphidae		
<i>Malachius bipustulatus</i>	Coleoptera, Melyridae		
<i>Melanomyia nana</i>	Diptera, Rhinophoridae		
<i>Molophilus medius</i>	Diptera, Tipulidae		
<i>Monacha cantiana</i>	Mollusca, Helicidae		
<i>Ochlodes venata</i>	Lepidoptera, Hesperidae		
<i>Opomyza germinationis</i>	Diptera, Opomyzidae		
<i>Passaloecus singularis</i>	Hymenoptera, Sphecidae		
<i>Poecilobothrus nobilitatus</i>	Diptera, Dolichopodidae		
<i>Polygona c-album</i>	Lepidoptera, Nymphalidae		
<i>Rhagio lineola</i>	Diptera, Rhagionidae		
<i>Rhagio scolopacea</i>	Diptera, Rhagionidae		
<i>Scaptomyza pallida</i>	Diptera, Drosophilidae		
<i>Volucella bombylans</i>	Diptera, Syrphidae		

Beetley Meadow

Grid ref: TF9817
Vice-county(s): West Norfolk
County(s): Norfolk

Visited by: Mr A.J.Halstead & Mr M.Parker on 06 JUL 1993.
No. of records: 32

Local

<i>Acrocera orbicula</i>	Diptera, Acroceridae
<i>Anasimyia lineata</i>	Diptera, Syrphidae
<i>Nemotelus pantherinus</i>	Diptera, Stratiomyidae
<i>Neoscia tenur</i>	Diptera, Syrphidae
<i>Oplodontha viridula</i>	Diptera, Stratiomyidae
<i>Orthonevra nobilis</i>	Diptera, Syrphidae
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae
<i>Pyrophaena rosarum</i>	Diptera, Syrphidae
<i>Sphaerophoria interrupta</i>	Diptera, Syrphidae

Common

<i>Cheilosia albitarsis</i>	Diptera, Syrphidae
<i>Cheilosia pagana</i>	Diptera, Syrphidae
<i>Cheilosia vernalis</i>	Diptera, Syrphidae
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Eristalis arbustorum</i>	Diptera, Syrphidae
<i>Eristalis interrupta</i>	Diptera, Syrphidae
<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Eristalis tenax</i>	Diptera, Syrphidae
<i>Haematopota pluvialis</i>	Diptera, Tabanidae
<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Lejogaster metallina</i>	Diptera, Syrphidae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Melanostoma scalare</i>	Diptera, Syrphidae
<i>Metasyrphus corollae</i>	Diptera, Syrphidae
<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
<i>Rhagio tringarius</i>	Diptera, Rhagionidae
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Tipula lateralis</i>	Diptera, Tipulidae
<i>Volucella bombylans</i>	Diptera, Syrphidae

Belton Marshes

Grid ref: TG4602
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site & Private owner

Description

Small area of grazing levels.

Visited by: Mr J.Denton on 08 JUL 1993.
No. of records: 2

Notable/Nb

Dasypoda alternator Hymenoptera, Melittidae

Common

Cerceris arenaria Hymenoptera, Sphecidae

Blickling Meadows

Subsite of: Blickling Estate
Grid ref: TG1630
Vice-county(s): East Norfolk
County(s): Norfolk
Status: National Trust

Description

Series of small, damp meadows along the River Bure. When visited in 1993 they had been unmanaged for some time and were extremely rank with bramble and alder scrub invasion.

Visited by: Dr S.G.Ball & Mrs M.J.Morgan on 10 JUL 1993.
No. of records: 30

Local

<i>Dolichopus wahlbergi</i>	Diptera, Dolichopodidae
<i>Gonomyia lateralis</i>	Diptera, Tipulidae
<i>Neoascia tenur</i>	Diptera, Syrphidae
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae

Common

<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae
<i>Cheilosia albitarsis</i>	Diptera, Syrphidae
<i>Cheilosia illustrata</i>	Diptera, Syrphidae
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Dolichopus popularis</i>	Diptera, Dolichopodidae
<i>Empis livida</i>	Diptera, Empididae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Eristalis horticola</i>	Diptera, Syrphidae
<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Geomyza tripunctata</i>	Diptera, Opomyzidae
<i>Haematopota pluvialis</i>	Diptera, Tabanidae
<i>Limonia chorea</i>	Diptera, Tipulidae
<i>Maniola jurtina</i>	Lepidoptera, Satyridae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Ochlodes venata</i>	Lepidoptera, Hesperidae
<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Platycheirus scutatus</i>	Diptera, Syrphidae
<i>Rhagio tringarius</i>	Diptera, Rhagionidae
<i>Rhingia campestris</i>	Diptera, Syrphidae
<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae
<i>Sepsis cynipsea</i>	Diptera, Sepsidae
<i>Syntormon pallipes</i>	Diptera, Dolichopodidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Syrphus vitripennis</i>	Diptera, Syrphidae

Blo' Norton Fen

Grid ref: TM017790
 Vice-county(s): West Suffolk
 County(s): Suffolk
 Status: ISR site & SSSI

Description

Calcareous valley fen with with *Schoenus nigricans*, *Cladium mariscus*, *Molinia caerulea* also a colony of *Parnassia palustris*. Some areas dry out in summer and these are dominated with *Phragmites* and *Filipendula ulmaria*. Woodland (alder) scrub is invading in some areas, also some willow carr. Surrounding fields and ditches contain *Lycnis flos-cuculi*, *Caltha palustris* and *Cirsium palustre*.

Visited by: Dr C.M.Drake, Mr A.E.Stubbs & S.M.Crellin on 08 JUL 1993.
 No. of records: 67

pRDB3		<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
		<i>Platypalpus coarctatus</i>	Diptera, Empididae
<i>Herina oscillans</i>	Diptera, Otitidae	<i>Platypalpus minutus</i>	Diptera, Empididae
		<i>Platypalpus pallidiventris</i>	Diptera, Empididae
Notable/Nb		<i>Rhagio lineola</i>	Diptera, Rhagionidae
		<i>Rhagio tringarius</i>	Diptera, Rhagionidae
<i>Molophilus bihamatus</i>	Diptera, Tipulidae	<i>Sargus iridatus</i>	Diptera, Stratiomyidae
<i>Platypalpus articulatoideus</i>	Diptera, Empididae	<i>Sympycnus aenicoxa</i>	Diptera, Dolichopodidae
		<i>Syrphia pipiens</i>	Diptera, Syrphidae
Local		<i>Syrphus ribesii</i>	Diptera, Syrphidae
		<i>Terellia ruficauda</i>	Diptera, Tephritidae
<i>Dioctria atricapilla</i>	Diptera, Asilidae	<i>Tetanocera elata</i>	Diptera, Sciomyzidae
<i>Dioctria baumhaueri</i>	Diptera, Asilidae	<i>Thereva nobilitata</i>	Diptera, Therevidae
<i>Dioctria rufipes</i>	Diptera, Asilidae	<i>Tipula fascipennis</i>	Diptera, Tipulidae
<i>Gonomyia lateralis</i>	Diptera, Tipulidae	<i>Tipula scripta</i>	Diptera, Tipulidae
<i>Herina frondescentiae</i>	Diptera, Otitidae	<i>Tipula unca</i>	Diptera, Tipulidae
<i>Nemotelus pantherinus</i>	Diptera, Stratiomyidae	<i>Urophora jaceana</i>	Diptera, Tephritidae
<i>Neoscasia tenax</i>	Diptera, Syrphidae	<i>Verrallia aucta</i>	Diptera, Pipunculidae
<i>Pachygaster leachii</i>	Diptera, Stratiomyidae	<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Sicus ferrugineus</i>	Diptera, Conopidae	<i>Xyphosia miliaria</i>	Diptera, Tephritidae
<i>Tipula nigra</i>	Diptera, Tipulidae		
<i>Trichopsomyia flavitarsis</i>	Diptera, Syrphidae	Unknown	
<i>Xanthochlorus tenellus</i>	Diptera, Dolichopodidae		
Common		<i>Vipera berus</i>	Squamata, Viperidae
<i>Anthomyza gracilis</i>	Diptera, Anthomyzidae		
<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae		
<i>Calliopus aeneus</i>	Diptera, Lauxaniidae		
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae		
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Glischrochilus hortensis</i>	Coleoptera, Nitidulidae		
<i>Hybos culiciformis</i>	Diptera, Empididae		
<i>Hybos femoratus</i>	Diptera, Empididae		
<i>Limnophila fulvonervosa</i>	Diptera, Tipulidae		
<i>Limnophila nemoralis</i> agg.	Diptera, Tipulidae		
<i>Lonchoptera furcata</i>	Diptera, Lonchopteridae		
<i>Lonchoptera lutea</i>	Diptera, Lonchopteridae		
<i>Lyciella decipiens</i>	Diptera, Lauxaniidae		
<i>Melanostoma mellinum</i>	Diptera, Syrphidae		
<i>Metasyrphus corollae</i>	Diptera, Syrphidae		
<i>Minettia rivosia</i>	Diptera, Lauxaniidae		
<i>Molophilus appendiculatus</i>	Diptera, Tipulidae		
<i>Molophilus obscurus</i>	Diptera, Tipulidae		
<i>Nephrotoma quadrifaria</i>	Diptera, Tipulidae		
<i>Opomyza florum</i>	Diptera, Opomyzidae		
<i>Opomyza germinationis</i>	Diptera, Opomyzidae		
<i>Pachygaster atra</i>	Diptera, Stratiomyidae		
<i>Platycheirus clypeatus</i> sens. str.	Diptera, Syrphidae		

Booton Common

Grid ref: TG113230
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site, County trust reserve & SSSI

Description

A mixture of wet calcareous fen grassland and dry heath. Also some alder woodland. The wet hollows are dominated by *Schoenus nigricans* and *Juncus subnodulosus*.

Visited by: Mr A.E.Stubbs & Mr P.L.Th.Beuk on 06 JUL 1993.
No. of records: 80

Notable/Nb			
<i>Tipula helvola</i>	Diptera, Tipulidae	<i>Limonia nubeculosa</i>	Diptera, Tipulidae
<i>Tipula livida</i>	Diptera, Tipulidae	<i>Lyciella rorida</i>	Diptera, Lauxaniidae
		<i>Minettia lupulina</i>	Diptera, Lauxaniidae
		<i>Minettia rivos</i>	Diptera, Lauxaniidae
		<i>Molophilus medius</i>	Diptera, Tipulidae
Local		<i>Nephrotoma quadrifaria</i>	Diptera, Tipulidae
<i>Cheilosia impressa</i>	Diptera, Syrphidae	<i>Ocydromia glabricula</i>	Diptera, Empididae
<i>Clusiodes facialis</i>	Diptera, Clusiidae	<i>Opomyza florum</i>	Diptera, Opomyzidae
<i>Dolichopeza albipes</i>	Diptera, Tipulidae	<i>Ormosia nodulosa</i>	Diptera, Tipulidae
<i>Empis albinervis</i>	Diptera, Empididae	<i>Pilaria discicollis</i>	Diptera, Tipulidae
<i>Gonomyia lateralis</i>	Diptera, Tipulidae	<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Gonomyia recta</i>	Diptera, Tipulidae	<i>Pseudolimnophila sepium</i>	Diptera, Tipulidae
<i>Herina frondescentiae</i>	Diptera, Otitidae	<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Hilara anglodanica</i>	Diptera, Empididae	<i>Rhamphomyia nigripennis</i>	Diptera, Empididae
<i>Hilara nigrina</i>	Diptera, Empididae	<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae
<i>Hilara rejecta</i>	Diptera, Empididae	<i>Sciapus platypterus</i>	Diptera, Dolichopodidae
<i>Hilara thoracica</i>	Diptera, Empididae	<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Limnophila aperta</i>	Diptera, Tipulidae	<i>Syrpita pipiens</i>	Diptera, Syrphidae
<i>Limonia maculipennis</i>	Diptera, Tipulidae	<i>Syrphus vitripennis</i>	Diptera, Syrphidae
<i>Limonia stigma</i>	Diptera, Tipulidae	<i>Terellia ruficauda</i>	Diptera, Tephritidae
<i>Nemotelus pantherinus</i>	Diptera, Stratiomyidae	<i>Tipula fascipennis</i>	Diptera, Tipulidae
<i>Nephrotoma analis</i>	Diptera, Tipulidae	<i>Tipula fulvipennis</i>	Diptera, Tipulidae
<i>Nephrotoma guestfalica</i>	Diptera, Tipulidae	<i>Tipula unca</i>	Diptera, Tipulidae
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae	<i>Tricholauxania praeusta</i>	Diptera, Lauxaniidae
<i>Oxycera rara</i>	Diptera, Stratiomyidae	<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Pachygaster leachii</i>	Diptera, Stratiomyidae	<i>Xyphosia miliaria</i>	Diptera, Tephritidae
<i>Peplomyza litura</i>	Diptera, Lauxaniidae		
<i>Ptychoptera lacustris</i>	Diptera, Ptychopteridae	Unknown	
<i>Sphegina clunipes</i>	Diptera, Syrphidae		
Common		<i>Drosophila kuntzei</i>	Diptera, Drosophilidae
<i>Austrolimnophila ochracea</i>	Diptera, Tipulidae	<i>Lyciella platycephala</i>	Diptera, Lauxaniidae
<i>Beris geniculata</i>	Diptera, Stratiomyidae	<i>Minettia inusta</i>	Diptera, Lauxaniidae
<i>Beris vallata</i>	Diptera, Stratiomyidae		
<i>Calliopum aeneum</i>	Diptera, Lauxaniidae		
<i>Calliopum simillimum</i>	Diptera, Lauxaniidae		
<i>Cheilosia illustrata</i>	Diptera, Syrphidae		
<i>Cheilosia pagana</i>	Diptera, Syrphidae		
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae		
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae		
<i>Empis aestiva</i>	Diptera, Empididae		
<i>Empis lutea</i>	Diptera, Empididae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Erioptera stictica</i>	Diptera, Tipulidae		
<i>Eumerus strigatus</i>	Diptera, Syrphidae		
<i>Hilara chorica</i>	Diptera, Empididae		
<i>Hilara monedula</i>	Diptera, Empididae		
<i>Hybos femoratus</i>	Diptera, Empididae		
<i>Limnophila fulvonervosa</i>	Diptera, Tipulidae		
<i>Limonia macrostigma</i>	Diptera, Tipulidae		

Brancaster

Grid ref: TF7745
Vice-county(s): West Norfolk
County(s): Norfolk
Status: ISR site, SSSI & National Trust

Description

Sand dunes dominated with *Ammophila arenaria*, foreshore with *Honkenya peploides* and *Cakile maritima*, saltmarsh containing large areas of *Limonium vulgare*, *Aster tripolium*, *Agropyron* and small stands of *Artemisia maritima*. A golf course extends along the sand dunes. A small *Phragmites* bed lies inland of the saltmarsh. The line of freshwater seepages on the southern edge of the site (adjacent to public footpath) add to the sites' interest.

Visited by: Mr S.J.Falk on 08 JUL 1993.
No. of records: 30

RDB3

Podalonia affinis Hymenoptera, Sphecidae

Notable/Nb

Megachile leachella Hymenoptera, Megachilidae
Phthiria pulicaria Diptera, Bombyliidae
Sarcophila latifrons Diptera, Sarcophagidae

Local

Ammophila sabulosa Hymenoptera, Sphecidae
Anoplius viaticus Hymenoptera, Pompilidae
Dysmachus trigonus Diptera, Asilidae
Episyron rufipes Hymenoptera, Pompilidae
Helina protuberans Diptera, Muscidae
Nemotelus notatus Diptera, Stratiomyidae
Philonicus albiceps Diptera, Asilidae
Sarcophaga teretirostris Diptera, Sarcophagidae
Thereva annulata Diptera, Therevidae
Thereva bipunctata Diptera, Therevidae
Villa paniscus Diptera, Bombyliidae

Common

Bombus lapidarius Hymenoptera, Apidae
Bombus lucorum Hymenoptera, Apidae
Bombus pascuorum Hymenoptera, Apidae
Bombus terrestris Hymenoptera, Apidae
Chloromyia formosa Diptera, Stratiomyidae
Colletes fodiens Hymenoptera, Colletidae
Episyrphus balteatus Diptera, Syrphidae
Musca domestica Diptera, Muscidae
Psithyrus sylvestris Hymenoptera, Apidae
Psithyrus vestalis Hymenoptera, Apidae
Sarcophaga nigriventris Diptera, Sarcophagidae
Sphaerophoria scripta Diptera, Syrphidae
Tephritis vespertina Diptera, Tephritidae

Unknown

Epinotia cruciana Lepidoptera, Tortricidae
Megachile maritima Hymenoptera, Megachilidae

Breydon Water

Grid ref: TG5008
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Mr D.P.Sumner on 07 JUL 1993.
No. of records: 15

Local

<i>Dolichopus brevipennis</i>	Diptera, Dolichopodidae
<i>Dolichopus diadema</i>	Diptera, Dolichopodidae
<i>Eristalinus aeneus</i>	Diptera, Syrphidae
<i>Eristalinus sepulchralis</i>	Diptera, Syrphidae
<i>Machacirium maritimae</i>	Diptera, Dolichopodidae
<i>Nemotelus notatus</i>	Diptera, Stratiomyidae
<i>Nemotelus uliginosus</i>	Diptera, Stratiomyidae
<i>Scellus notatus</i>	Diptera, Dolichopodidae
<i>Sphaerophoria rueppellii</i>	Diptera, Syrphidae

Common

<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Dolichopus nubilus</i>	Diptera, Dolichopodidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Metasyrphus corollae</i>	Diptera, Syrphidae

Bryant's Heath

Grid ref: TG2529
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Dr D.A.Sheppard on 07 JUL 1993.
No. of records: 43

Local

<i>Cryptocephalus pusillus</i>	Coleoptera, Chrysomelidae
<i>Dioctria baumhaueri</i>	Diptera, Asilidae
<i>Dioctria linearis</i>	Diptera, Asilidae
<i>Phytodecta olivacea</i>	Coleoptera, Chrysomelidae
<i>Quercusia quercus</i>	Lepidoptera, Lycaenidae
<i>Strangalia maculata</i>	Coleoptera, Cerambycidae
<i>Zygaena trifolii</i>	Lepidoptera, Zygaenidae

Common

<i>Adalia bipunctata</i>	Coleoptera, Coccinellidae
<i>Aglais urticae</i>	Lepidoptera, Nymphalidae
<i>Aneugmenus padi</i>	Hymenoptera, Tenthredinidae
<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae
<i>Beris geniculata</i>	Diptera, Stratiomyidae
<i>Beris vailata</i>	Diptera, Stratiomyidae
<i>Blennocampa pusilla</i>	Hymenoptera, Tenthredinidae
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Chorthippus brunneus</i>	Orthoptera, Acrididae
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Coccinella septempunctata</i>	Coleoptera, Coccinellidae
<i>Coenonympha pamphilus</i>	Lepidoptera, Satyridae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Euproctis similis</i>	Lepidoptera, Lymantriidae
<i>Hybos femoratus</i>	Diptera, Empididae
<i>Lagria hirta</i>	Coleoptera, Tenebrionidae
<i>Maniola jurtina</i>	Lepidoptera, Satyridae
<i>Mesembrina meridiana</i>	Diptera, Muscidae
<i>Myrmecotettix maculatus</i>	Orthoptera, Acrididae
<i>Myrmica ruginodis</i>	Hymenoptera, Formicidae
<i>Myrmica scabrinodis</i>	Hymenoptera, Formicidae
<i>Ochlodes venata</i>	Lepidoptera, Hesperidae
<i>Opomyza florum</i>	Diptera, Opomyzidae
<i>Plagiognathus arbustorum</i>	Hemiptera, Miridae
<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Rhagonycha fulva</i>	Coleoptera, Cantharidae
<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae
<i>Stenodema calcaratum</i>	Hemiptera, Miridae
<i>Strombocerus delicatulus</i>	Hymenoptera, Tenthredinidae
<i>Syrpitta pipiens</i>	Diptera, Syrphidae
<i>Tenthredo ferruginea</i>	Hymenoptera, Tenthredinidae
<i>Thereva nobilitata</i>	Diptera, Therevidae

Unknown

<i>Strongylogaster lineata</i>	Hymenoptera, Tenthredinidae
--------------------------------	-----------------------------

Buckenhams Marshes

Grid ref: TG3505
 Vice-county(s): East Norfolk
 County(s): Norfolk
 Status: ISR site & SSSI

Description

Grazing levels with extensive system of dykes adjacent to the River Yare.

Visited by: Mr A.E.Stubbs & Mr M.N.Pugh on 07 JUL 1993.
 No. of records: 67

pRDB3			
<i>Hybomitra muhlfeldi</i>	Diptera, Tabanidae	<i>Platycheirus scutatus</i>	Diptera, Syrphidae
		<i>Polygonia c-album</i>	Lepidoptera, Nymphalidae
		<i>Rhagio lineola</i>	Diptera, Rhagionidae
		<i>Rhagio scolopacea</i>	Diptera, Rhagionidae
Local		<i>Sargus iridatus</i>	Diptera, Stratiomyidae
		<i>Seioptera vibrans</i>	Diptera, Otitidae
<i>Chalcosyrphus nemorum</i>	Diptera, Syrphidae	<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Chrysops viduatus</i>	Diptera, Tabanidae	<i>Tetanocera elata</i>	Diptera, Sciomyzidae
<i>Epistrophe grossulariae</i>	Diptera, Syrphidae	<i>Tipula oleracea</i>	Diptera, Tipulidae
<i>Gonomyia lateralis</i>	Diptera, Tipulidae	<i>Tipula scripta</i>	Diptera, Tipulidae
<i>Helius flavus</i>	Diptera, Tipulidae	<i>Tipula unca</i>	Diptera, Tipulidae
<i>Ladoga camilla</i>	Lepidoptera, Nymphalidae	<i>Volucella pellucens</i>	Diptera, Syrphidae
<i>Nemotelus notatus</i>	Diptera, Stratiomyidae		
<i>Nephrotoma analis</i>	Diptera, Tipulidae		
<i>Oplodontha viridula</i>	Diptera, Stratiomyidae		
<i>Parhelophilus versicolor</i>	Diptera, Syrphidae		
<i>Peplomyza litura</i>	Diptera, Lauxaniidae		
<i>Platycheirus scambus</i>	Diptera, Syrphidae		
<i>Sicus ferrugineus</i>	Diptera, Conopidae		
<i>Strangalia maculata</i>	Coleoptera, Cerambycidae		
<i>Tropidia scita</i>	Diptera, Syrphidae		
<i>Xylota sylvarum</i>	Diptera, Syrphidae		
Common			
<i>Anthomyza gracilis</i>	Diptera, Anthomyzidae		
<i>Austrolimnophila ochracea</i>	Diptera, Tipulidae		
<i>Cheilosia illustrata</i>	Diptera, Syrphidae		
<i>Cheilosia pagana</i>	Diptera, Syrphidae		
<i>Cheilosia proxima</i>	Diptera, Syrphidae		
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Chrysogaster solstitialis</i>	Diptera, Syrphidae		
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Eristalis horticola</i>	Diptera, Syrphidae		
<i>Eristalis interrupta</i>	Diptera, Syrphidae		
<i>Eristalis intricarius</i>	Diptera, Syrphidae		
<i>Eristalis pertinax</i>	Diptera, Syrphidae		
<i>Graphomya maculata</i>	Diptera, Muscidae		
<i>Haematopota pluvialis</i>	Diptera, Tabanidae		
<i>Helius longirostris</i>	Diptera, Tipulidae		
<i>Helophilus pendulus</i>	Diptera, Syrphidae		
<i>Hybomitra distinguenda</i>	Diptera, Tabanidae		
<i>Ilione albiseta</i>	Diptera, Sciomyzidae		
<i>Leptogaster cylindrica</i>	Diptera, Asilidae		
<i>Leucozona laternaria</i>	Diptera, Syrphidae		
<i>Limnophila fulvonervosa</i>	Diptera, Tipulidae		
<i>Limonia macrostigma</i>	Diptera, Tipulidae		
<i>Melanostoma mellinum</i>	Diptera, Syrphidae		
<i>Myathropa florea</i>	Diptera, Syrphidae		
<i>Ochlodes venata</i>	Lepidoptera, Hesperidae		
<i>Pachygaster atra</i>	Diptera, Stratiomyidae		
<i>Pieris napi</i>	Lepidoptera, Pieridae		
<i>Pilaria discicollis</i>	Diptera, Tipulidae		
<i>Platycheirus angustatus</i>	Diptera, Syrphidae		

Bug's Hole

Grid ref: TM006792
Vice-county(s): East Suffolk
County(s): Suffolk

Visited by: Dr C.M.Drake, Mr A.E.Stubbs & S.M.Crellin on 08 JUL 1993.
No. of records: 25

Notable/Nb

Oxypoda nigricornis Coleoptera, Staphylinidae

Local

Calliopum elisae Diptera, Lauxaniidae
Herina frondescentiae Diptera, Otitidae
Nemotelus pantherinus Diptera, Stratiomyidae
Oxycera nigricornis Diptera, Stratiomyidae
Trigonometopus frontalis Diptera, Lauxaniidae
Tropidia scita Diptera, Syrphidae

Common

Calliopum aeneum Diptera, Lauxaniidae
Chrysopilus cristatus Diptera, Rhagionidae
Empis livida Diptera, Empididae
Episyrphus balteatus Diptera, Syrphidae
Eumerus strigatus Diptera, Syrphidae
Minettia rivosia Diptera, Lauxaniidae
Molophilus obscurus Diptera, Tipulidae
Opomyza florum Diptera, Opomyzidae
Pachygaster atra Diptera, Stratiomyidae
Platycheirus clypeatus sens. str. Diptera, Syrphidae
Platypalpus minutus Diptera, Empididae
Rhagio scolopacea Diptera, Rhagionidae
Rhagio tringarius Diptera, Rhagionidae
Semiothisa clathrata Lepidoptera, Geometridae

Unknown

Anthomyza collini Diptera, Anthomyzidae

Bure Common

Grid ref: TG4413
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Dr K.Porter on 05 JUL 1993.
No. of records: 28

Notable/Nb

Dioxyna bidentis Diptera, Tephritidae

Local

Criorhina berberina Diptera, Syrphidae
Eristalinus sepulchralis Diptera, Syrphidae
Herina frondescentiae Diptera, Otitidae
Neoscia tenur Diptera, Syrphidae
Ptychoptera contaminata Diptera, Ptychopteridae
Sepedon sphegea Diptera, Sciomyzidae
Sepedon spinipes Diptera, Sciomyzidae

Common

Cheilosia illustrata Diptera, Syrphidae
Cheilosia pagana Diptera, Syrphidae
Chrysopilus asiliformis Diptera, Rhagionidae
Elgiva sollicita Diptera, Sciomyzidae
Episyrphus balteatus Diptera, Syrphidae
Eristalis arbustorum Diptera, Syrphidae
Eristalis horticola Diptera, Syrphidae
Haematopota pluvialis Diptera, Tabanidae
Helophilus pendulus Diptera, Syrphidae
Ilione albiseta Diptera, Sciomyzidae
Melanostoma mellinum Diptera, Syrphidae
Metasyrphus corollae Diptera, Syrphidae
Metasyrphus luniger Diptera, Syrphidae
Platycheirus angustatus Diptera, Syrphidae
Rhagio scolopacea Diptera, Rhagionidae
Sargus iridatus Diptera, Stratiomyidae
Syrirta pipiens Diptera, Syrphidae
Syrphus vitripennis Diptera, Syrphidae
Tetanocera robusta Diptera, Sciomyzidae
Xyphosia miliaria Diptera, Tephritidae

Bure Marshes

Grid ref: TG3316
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site, NNR, SSSI & County trust reserve

Description

Extensive site running along the Bure valley from Hoveton Great Broad to Ranworth Marshes. Contains a mixture of open fen communities, dykes, open water and alder carr. Abandoned sedge beds contain *Cladium mariscus*, *Phragmites communis*, *Myrica gale*, *Juncus subnodulosus*, *Peucedanum palustre* and *Cicuta virosa*. A well studied site, with most records originating from the Woodbastwick and Horning Ferry areas. Ranworth Broad and Ranworth Marshes are managed as reserves by the Norfolk Naturalists' Trust.

Visited by: Mr P.J.Hodge & Mr P.L.Th.Beuk on 05 JUL 1993.
No. of records: 45

Local		<i>Leptopeza flavipes</i> <i>Lyciella platycephala</i>	Diptera, Empididae Diptera, Lauxaniidae
<i>Beris morrisii</i>	Diptera, Stratiomyidae		
<i>Chelipoda albiset</i>	Diptera, Empididae		
<i>Dioctria linearis</i>	Diptera, Asilidae		
<i>Dolichopus longitarsis</i>	Diptera, Dolichopodidae		
<i>Dolichopus picipes</i>	Diptera, Dolichopodidae		
<i>Empis albinervis</i>	Diptera, Empididae		
<i>Hercostomus chrysozygus</i>	Diptera, Dolichopodidae		
<i>Hercostomus nanus</i>	Diptera, Dolichopodidae		
<i>Hilara nigrina</i>	Diptera, Empididae		
<i>Hilara thoracica</i>	Diptera, Empididae		
<i>Leucophenga maculata</i>	Diptera, Drosophilidae		
<i>Megaphthalma pallida</i>	Diptera, Scathophagidae		
<i>Myoleja caesio</i>	Diptera, Tephritidae		
<i>Pherbellia schoenherri</i>	Diptera, Sciomyzidae		
<i>Sapromyza sexpunctata</i>	Diptera, Lauxaniidae		
<i>Sepedon spinipes</i>	Diptera, Sciomyzidae		
<i>Tropidia scita</i>	Diptera, Syrphidae		
<i>Xylota sylvorum</i>	Diptera, Syrphidae		
Common			
<i>Beris vallata</i>	Diptera, Stratiomyidae		
<i>Calliopum aeneum</i>	Diptera, Lauxaniidae		
<i>Calliopum simillimum</i>	Diptera, Lauxaniidae		
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae		
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae		
<i>Dolichopus popularis</i>	Diptera, Dolichopodidae		
<i>Dolichopus unguatus</i>	Diptera, Dolichopodidae		
<i>Elgiva sollicita</i>	Diptera, Sciomyzidae		
<i>Empis aestiva</i>	Diptera, Empididae		
<i>Empis grisea</i>	Diptera, Empididae		
<i>Lyciella rorida</i>	Diptera, Lauxaniidae		
<i>Microchrysa flavicornis</i>	Diptera, Stratiomyidae		
<i>Minettia longipennis</i>	Diptera, Lauxaniidae		
<i>Ocydromia glabricula</i>	Diptera, Empididae		
<i>Pachygaster atra</i>	Diptera, Stratiomyidae		
<i>Pherbellia albocostata</i>	Diptera, Sciomyzidae		
<i>Rhamphomyia nigripennis</i>	Diptera, Empididae		
<i>Scaptomyza pallida</i>	Diptera, Drosophilidae		
<i>Scathophaga furcata</i>	Diptera, Scathophagidae		
<i>Syrta pipiens</i>	Diptera, Syrphidae		
<i>Tricholauxania praeusta</i>	Diptera, Lauxaniidae		
<i>Xyphosia miliaria</i>	Diptera, Tephritidae		
Unknown			
<i>Drosophila confusa</i>	Diptera, Drosophilidae		
<i>Hilara fuscipes</i>	Diptera, Empididae		

Burgh Common & Muckfleet Marshes SSSI

Grid ref: TG4412
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site, SSSI & County trust reserve

Description

Area of undrained fen, carr, reed swamp, grazing marsh and wet meadows. The Muck Fleet and some of the adjacent dykes have retained a rich aquatic flora including *Ranunculus lingua*, *Potamogeton natans*, *Rumex hydrolapathum* and *Alisma plantago-aquatica*. The meadows are grazed by cattle and horses in the summer. Some of the dykes outside the SSSI are dredged, and if carried out on a large scale, this could adversely affect the invertebrate fauna. Part of Burgh Common was recently acquired as a reserve by the Norfolk Naturalists' Trust. The mosaic of open fen, carr and reed bed needs to be maintained in order to retain the diverse entomological interest.

Visited by: Mr R. Crossley on 05 JUL 1993.
No. of records: 25

Local

<i>Anasimyia contracta</i>	Diptera, Syrphidae
<i>Anasimyia lineata</i>	Diptera, Syrphidae
<i>Dolichopus longitarsis</i>	Diptera, Dolichopodidae
<i>Empis planetica</i>	Diptera, Empididae
<i>Eristalinus sepulchralis</i>	Diptera, Syrphidae
<i>Neoascia tenur</i>	Diptera, Syrphidae
<i>Platypalpus pallidicornis</i>	Diptera, Empididae
<i>Sepedon spegea</i>	Diptera, Sciomyzidae
<i>Sepedon spinipes</i>	Diptera, Sciomyzidae
<i>Trichopsomyia flavitarsis</i>	Diptera, Syrphidae

Common

<i>Argyra diaphana</i>	Diptera, Dolichopodidae
<i>Campsicnemus scambus</i>	Diptera, Dolichopodidae
<i>Chrysotus gramineus</i>	Diptera, Dolichopodidae
<i>Dolichopus atripes</i>	Diptera, Dolichopodidae
<i>Dolichopus nubilus</i>	Diptera, Dolichopodidae
<i>Dolichopus simplex</i>	Diptera, Dolichopodidae
<i>Dolichopus unguatus</i>	Diptera, Dolichopodidae
<i>Empis aestiva</i>	Diptera, Empididae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Hercostomus aerosus</i>	Diptera, Dolichopodidae
<i>Hilara chorica</i>	Diptera, Empididae
<i>Hybos femoratus</i>	Diptera, Empididae
<i>Platypalpus verralli</i>	Diptera, Empididae
<i>Sympycnus desouteri</i>	Diptera, Dolichopodidae
<i>Syrpitta pipiens</i>	Diptera, Syrphidae

Calthorpe Broad

Grid ref: TG412258
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site & SSSI

Description

An isolated Broad low in nutrients and has retained its rich assemblage of macrophytes. These include *Hippuris vulgaris*, *Hottonia palustris*, *Myriophyllum spicatum*, *Nuphar lutea*, *Nymphaea alba* and *Stratiotes aloides*. There is a small area of open fen on the northside. Mixed carr woodland with alder, birch and willow surrounds the Broad and this grades into broad-leaved plantation. Grazing marsh on acidic grassland provides additional interest. The broad and adjacent fens have been prone to drying out in the summer months, resulting in more acidic conditions. This has decreased the floral diversity and may have also affected the invertebrate communities.

Visited by: A.Wass, Mr A.J.Halstead & Mr M.Parker on 08 JUL 1993.
No. of records: 15

Notable/Nb

Ogcodes pallipes Diptera, Acroceridae

Local

Hybomitra bimaculata Diptera, Tabanidae
Neoascia tenur Diptera, Syrphidae
Prionocera turcica Diptera, Tipulidae

Common

Eristalis tenax Diptera, Syrphidae
Haematopota pluvialis Diptera, Tabanidae
Melanostoma mellinum Diptera, Syrphidae
Melanostoma scalare Diptera, Syrphidae
Metasyrphus corollae Diptera, Syrphidae
Platycheirus clypeatus sens. str. Diptera, Syrphidae
Syrpitta pipiens Diptera, Syrphidae
Thereva nobilitata Diptera, Therevidae
Tipula oleracea Diptera, Tipulidae
Volucella bombylans Diptera, Syrphidae
Xylota segnis Diptera, Syrphidae

Cantley

Grid ref: TG3803
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site

Description

Banks of River Yare. Adjacent grazing marsh appears to be of poor quality with many dykes almost lacking plant life.

Visited by: Mr A.E.Stubbs on 07 JUL 1993.
No. of records: 38

Notable/Nb

Stratiomys singularior Diptera, Stratiomyidae

Local

<i>Cantharis lateralis</i>	Coleoptera, Cantharidae
<i>Cordilura ciliata</i>	Diptera, Scathophagidae
<i>Donacia semicuprea</i>	Coleoptera, Chrysomelidae
<i>Helophilus hybridus</i>	Diptera, Syrphidae
<i>Herina frondescentiae</i>	Diptera, Otitidae
<i>Melieria crassipennis</i>	Diptera, Otitidae
<i>Neoascia tenur</i>	Diptera, Syrphidae
<i>Oplodontha viridula</i>	Diptera, Stratiomyidae
<i>Platycheirus fulviventris</i>	Diptera, Syrphidae
<i>Tipula nigra</i>	Diptera, Tipulidae
<i>Tipula solstitialis</i>	Diptera, Tipulidae
<i>Tropidia scita</i>	Diptera, Syrphidae

Common

<i>Beris vallata</i>	Diptera, Stratiomyidae
<i>Cantharis nigra</i>	Coleoptera, Cantharidae
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Dolerus aericeps</i>	Hymenoptera, Tenthredinidae
<i>Empis livida</i>	Diptera, Empididae
<i>Erioptera trivialis</i>	Diptera, Tipulidae
<i>Ilione albiseta</i>	Diptera, Sciomyzidae
<i>Leptogaster cylindrica</i>	Diptera, Asilidae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Platycheirus angustatus</i>	Diptera, Syrphidae
<i>Poecilobothrus nobilitatus</i>	Diptera, Dolichopodidae
<i>Pyrophæna granditarsa</i>	Diptera, Syrphidae
<i>Rhagio scolopacea</i>	Diptera, Rhagionidae
<i>Selandria serva</i>	Hymenoptera, Tenthredinidae
<i>Stethomostus fuliginosus</i>	Hymenoptera, Tenthredinidae
<i>Terellia ruficauda</i>	Diptera, Tephritidae
<i>Tetanocera elata</i>	Diptera, Sciomyzidae
<i>Tipula lateralis</i>	Diptera, Tipulidae
<i>Xyphosia miliaria</i>	Diptera, Tephritidae

Catfield Fens

Subsite of: Ant Marshes (master site)
Grid ref: TG3720
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site, Private owner & SSSI

Description

Fen and fen carr. A rich flora has developed in many areas and includes *Cladium mariscus*, *Peucedanum palustre*, *Ranunculus lingua* and *Baldellia ranunculoides*. Some scrub encroachment has taken place consisting primarily of *Myrica* and *Betula*. Reed swamp is also present and includes *Sium latifolium*.

Visited by: Dr S.G.Ball, Mr I.Perry & S.M.Crellin on 06 JUL 1993. A.Wass, Mr A.J.Halstead & Mr M.Parker on 08 JUL 1993. Dr E.Howe & Dr M.A.Howe on 09 JUL 1993.
No. of records: 127

RDB1		<i>Trigonometopus frontalis</i>	Diptera, Lauxaniidae
		<i>Tropidia scita</i>	Diptera, Syrphidae
<i>Dolichopus laticola</i>	Diptera, Dolichopodidae	<i>Xyloa sylvarum</i>	Diptera, Syrphidae
RDB2		Common	
<i>Cephalops perspicuus</i>	Diptera, Pipunculidae	<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae
<i>Papilio machaon</i>	Lepidoptera, Papilionidae	<i>Beris vallata</i>	Diptera, Stratiomyidae
RDB3		<i>Campsicnemus scambus</i>	Diptera, Dolichopodidae
		<i>Cheilosia illustrata</i>	Diptera, Syrphidae
<i>Tetanocera freyi</i>	Diptera, Sciomyzidae	<i>Cheilosia pagana</i>	Diptera, Syrphidae
		<i>Cheilosia scutellata</i>	Diptera, Syrphidae
pRDB3		<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
		<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Hybomitra muhlfeldi</i>	Diptera, Tabanidae	<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Ochthera manicata</i>	Diptera, Ephydriidae	<i>Coenagrion puella</i>	Odonata, Coenagrionidae
		<i>Conops flavipes</i>	Diptera, Conopidae
Notable/Nb		<i>Dolichopus atripes</i>	Diptera, Dolichopodidae
		<i>Dolichopus nubilus</i>	Diptera, Dolichopodidae
<i>Gimnomera tarsea</i>	Diptera, Scathophagidae	<i>Dolichopus simplex</i>	Diptera, Dolichopodidae
<i>Hercostomus chalybeus</i>	Diptera, Dolichopodidae	<i>Elgiva sollicita</i>	Diptera, Sciomyzidae
		<i>Empis aestiva</i>	Diptera, Empididae
Local		<i>Empis livida</i>	Diptera, Empididae
		<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Anasimyia contracta</i>	Diptera, Syrphidae	<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Argyra argentella</i>	Diptera, Dolichopodidae	<i>Eristalis tenax</i>	Diptera, Syrphidae
<i>Cheilosia impressa</i>	Diptera, Syrphidae	<i>Fannia armata</i>	Diptera, Fanniidae
<i>Chelipoda albiseta</i>	Diptera, Empididae	<i>Haematopota pluvialis</i>	Diptera, Tabanidae
<i>Chrysops viduatus</i>	Diptera, Tabanidae	<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Dioctria baumhaueri</i>	Diptera, Asilidae	<i>Hercostomus aerosus</i>	Diptera, Dolichopodidae
<i>Dolichocephala irrorata</i>	Diptera, Empididae	<i>Hybomitra distinguenda</i>	Diptera, Tabanidae
<i>Dolichopus lepidus</i>	Diptera, Dolichopodidae	<i>Ischnura elegans</i>	Odonata, Coenagrionidae
<i>Dolichopus longitarsis</i>	Diptera, Dolichopodidae	<i>Limnophila ferruginea</i>	Diptera, Tipulidae
<i>Eristalinus sepulchralis</i>	Diptera, Syrphidae	<i>Limnophila fulvonervosa</i>	Diptera, Tipulidae
<i>Hercostomus assimilis</i>	Diptera, Dolichopodidae	<i>Lonchoptera lutea</i>	Diptera, Lonchopteridae
<i>Hilara nigra</i>	Diptera, Empididae	<i>Lyciella decempunctatus</i>	Diptera, Lauxaniidae
<i>Hybomitra bimaculata</i>	Diptera, Tabanidae	<i>Melanomyia nana</i>	Diptera, Rhinophoridae
<i>Medetera diadema</i>	Diptera, Dolichopodidae	<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Neoscia tenax</i>	Diptera, Syrphidae	<i>Metasyrphus corollae</i>	Diptera, Syrphidae
<i>Oplodontha viridula</i>	Diptera, Stratiomyidae	<i>Molophilus medius</i>	Diptera, Tipulidae
<i>Parhelophilus frutetorum</i>	Diptera, Syrphidae	<i>Ochlodes venata</i>	Lepidoptera, Hesperidae
<i>Platycheirus occultus</i>	Diptera, Syrphidae	<i>Opetia nigra</i>	Diptera, Platypodidae
<i>Pyrophaena rosarum</i>	Diptera, Syrphidae	<i>Phyllodromia melanocephala</i>	Diptera, Empididae
<i>Renocera strobili</i>	Diptera, Sciomyzidae	<i>Platycephala planifrons</i>	Diptera, Chloropidae
<i>Sicus ferrugineus</i>	Diptera, Conopidae	<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Spanochaeta dorsalis</i>	Diptera, Muscidae	<i>Platypalpus annulipes</i>	Diptera, Empididae
<i>Strangalia maculata</i>	Coleoptera, Cerambycidae	<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Teuchophorus spinigerellus</i>	Diptera, Dolichopodidae	<i>Scaptomyza pallida</i>	Diptera, Drosophilidae
<i>Trichopsomyia flavitarsis</i>	Diptera, Syrphidae	<i>Schoenomyza litorella</i>	Diptera, Muscidae

<i>Seioptera vibrans</i>	Diptera, Otitidae
<i>Sepsis violacea</i>	Diptera, Sepsidae
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Syritta pipiens</i>	Diptera, Syrphidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Syrphus vitripennis</i>	Diptera, Syrphidae
<i>Tipula lateralis</i>	Diptera, Tipulidae
<i>Trichina clavipes</i>	Diptera, Empididae
<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Volucella pellucens</i>	Diptera, Syrphidae
<i>Xylota segnis</i>	Diptera, Syrphidae
<i>Xyphosia miliaria</i>	Diptera, Tephritidae

Unknown

<i>Sciara thomae</i>	Diptera, Sciaridae
----------------------	--------------------

Catfield Great Fen BBCS reserve

Subsite of: Ant Marshes (master site)
Grid ref: TG3521
Vice-county(s): East Norfolk
County(s): Norfolk
Status: SSSI & Other Reserve

Description

Fen and fen carr. A rich flora has developed in many areas and includes *Cladium mariscus*, *Peucedanum palustre*, *Ranunculus lingua* and *Baldellia ranunculoides*. Some scrub encroachment has taken place consisting primarily of *Myrica* and *Betula*.

Visited by: Dr S.G.Ball & Mr I.Perry on 06 JUL 1993. Dr E.Howe, Dr M.A.Howe, Mr A.J.Halstead & S.M.Crellin on 09 JUL 1993.

No. of records: 65

RDB1		<i>Episyrphus balteatus</i>	Diptera, Syrphidae
		<i>Eristalis arbustorum</i>	Diptera, Syrphidae
<i>Dolichopus laticola</i>	Diptera, Dolichopodidae	<i>Eristalis intricarius</i>	Diptera, Syrphidae
RDB2		<i>Haematopota pluvialis</i>	Diptera, Tabanidae
		<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Papilio machaon</i>	Lepidoptera, Papilionidae	<i>Hybos femoratus</i>	Diptera, Empididae
pRDB3		<i>Hydrophorus bipunctatus</i>	Diptera, Dolichopodidae
		<i>Ischnura elegans</i>	Odonata, Coenagrionidae
<i>Hybomitra muhlfeldi</i>	Diptera, Tabanidae	<i>Libellula quadrimaculata</i>	Odonata, Libellulidae
<i>Limonia danica</i>	Diptera, Tipulidae	<i>Limnophila ferruginea</i>	Diptera, Tipulidae
Notable/Nb		<i>Lonchoptera lutea</i>	Diptera, Lonchopteridae
		<i>Maniola jurtina</i>	Lepidoptera, Satyridae
<i>Limonia trivittata</i>	Diptera, Tipulidae	<i>Minettia lupulina</i>	Diptera, Lauxaniidae
<i>Psacadina verbekei</i>	Diptera, Sciomyzidae	<i>Platycephala planifrons</i>	Diptera, Chloropidae
<i>Stratiomys singularior</i>	Diptera, Stratiomyidae	<i>Platycheirus angustatus</i>	Diptera, Syrphidae
<i>Trichina pallipes</i>	Diptera, Empididae	<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
Local		<i>Platypalpus luteus</i>	Diptera, Empididae
		<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Anepsiomyia flaviventris</i>	Diptera, Dolichopodidae	<i>Syntormon pallipes</i>	Diptera, Dolichopodidae
<i>Calliopus elisae</i>	Diptera, Lauxaniidae	<i>Syrphia pipiens</i>	Diptera, Syrphidae
<i>Conocephalus dorsalis</i>	Orthoptera, Conocephalidae	<i>Tetanocera elata</i>	Diptera, Sciomyzidae
<i>Dolichopus longitarsis</i>	Diptera, Dolichopodidae	<i>Tetanocera robusta</i>	Diptera, Sciomyzidae
<i>Helophilus hybridus</i>	Diptera, Syrphidae	<i>Tipula lateralis</i>	Diptera, Tipulidae
<i>Hydrophorus praecox</i>	Diptera, Dolichopodidae	<i>Verrallia aucta</i>	Diptera, Pipunculidae
<i>Myoleja caesia</i>	Diptera, Tephritidae	<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Neoascia tenax</i>	Diptera, Syrphidae	Migrant	
<i>Orthetrum cancellatum</i>	Odonata, Libellulidae	<i>Vanessa atalanta</i>	Lepidoptera, Nymphalidae
<i>Parhelophilus versicolor</i>	Diptera, Syrphidae	Unknown	
<i>Pyrophaena rosarum</i>	Diptera, Syrphidae	<i>Leptopeza flavipes</i>	Diptera, Empididae
<i>Rivellia syngenesiae</i>	Diptera, Platystomatidae		
<i>Strangalia maculata</i>	Coleoptera, Cerambycidae		
<i>Syntormon pumilus</i>	Diptera, Dolichopodidae		
<i>Tropidia scita</i>	Diptera, Syrphidae		
Common			
<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae		
<i>Campsicnemus scambus</i>	Diptera, Dolichopodidae		
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae		
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae		
<i>Coenagrion puella</i>	Odonata, Coenagrionidae		
<i>Dolichopus atropis</i>	Diptera, Dolichopodidae		
<i>Dolichopus campestris</i>	Diptera, Dolichopodidae		
<i>Dolichopus nubilus</i>	Diptera, Dolichopodidae		
<i>Empis nigripes</i>	Diptera, Empididae		

Caudle Common

Grid ref: TF8603
 Vice-county(s): West Norfolk
 County(s): Norfolk

Description

Grazed fields, wood with pond.

Visited by: Mr A.E.Stubbs on 04 JUL 1993.
 No. of records: 54

Notable/Nb		<i>Tipula unca</i>	Diptera, Tipulidae
<i>Diogma glabrata</i>	Diptera, Tipulidae	Unknown	
<i>Limonia lucida</i>	Diptera, Tipulidae		
<i>Molophilus corniger</i>	Diptera, Tipulidae	<i>Sciara thomae</i>	Diptera, Sciaridae

Local

<i>Cordilura albipes</i>	Diptera, Scathophagidae
<i>Eristalinus sepulchralis</i>	Diptera, Syrphidae
<i>Gonomyia lateralis</i>	Diptera, Tipulidae
<i>Nephrotoma analis</i>	Diptera, Tipulidae
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae
<i>Oxycera rara</i>	Diptera, Stratiomyidae
<i>Palloptera modesta</i>	Diptera, Pallopteridae
<i>Rhamphomyia barbata</i>	Diptera, Empididae
<i>Sicus ferrugineus</i>	Diptera, Conopidae
<i>Sphagina elegans</i>	Diptera, Syrphidae
<i>Tipula couckeii</i>	Diptera, Tipulidae

Common

<i>Austrolimnophila ochracea</i>	Diptera, Tipulidae
<i>Beris vallata</i>	Diptera, Stratiomyidae
<i>Cheilosia pagana</i>	Diptera, Syrphidae
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Dolichopus unguatus</i>	Diptera, Dolichopodidae
<i>Empis livida</i>	Diptera, Empididae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Erioptera trivialis</i>	Diptera, Tipulidae
<i>Eristalis horticola</i>	Diptera, Syrphidae
<i>Eristalis interrupta</i>	Diptera, Syrphidae
<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Leptophyes punctatissima</i>	Orthoptera, Phaneropteridae
<i>Limnophila nemoralis</i> agg.	Diptera, Tipulidae
<i>Limonia macrostigma</i>	Diptera, Tipulidae
<i>Limonia quadrinotata</i>	Diptera, Tipulidae
<i>Melanostoma scalare</i>	Diptera, Syrphidae
<i>Metasyrphus corollae</i>	Diptera, Syrphidae
<i>Nephrotoma quadrifaria</i>	Diptera, Tipulidae
<i>Parage aegeria</i>	Lepidoptera, Satyridae
<i>Pherbellia albocostata</i>	Diptera, Sciomyzidae
<i>Pherbellia dubia</i>	Diptera, Sciomyzidae
<i>Pilaria discicollis</i>	Diptera, Tipulidae
<i>Platycheirus clypeatus</i> sens. str.	Diptera, Syrphidae
<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
<i>Pseudolimnophila sepium</i>	Diptera, Tipulidae
<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Rhugia campestris</i>	Diptera, Syrphidae
<i>Sargus iridatus</i>	Diptera, Stratiomyidae
<i>Syrphus vitripennis</i>	Diptera, Syrphidae
<i>Tetanocera robusta</i>	Diptera, Sciomyzidae
<i>Tipula fascipennis</i>	Diptera, Tipulidae
<i>Tipula lateralis</i>	Diptera, Tipulidae

Cawston and Marsham Heaths SSSI

Grid ref: TG1723
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Mr A.E.Stubbs, Mr A.J.Halstead, Mr D.P.Sumner, Mr M.Parker & Mr P.L.Th.Beuk on 06 JUL 1993.
No. of records: 47

Notable/Nb

Cheilosia mutabilis Diptera, Syrphidae

Local

Chrysotoxum bicinctum Diptera, Syrphidae
Dioctria baumhaueri Diptera, Asilidae
Dioctria linearis Diptera, Asilidae
Neotamias cyanurus Diptera, Asilidae
Peplomyza litura Diptera, Lauxaniidae
Sicus ferrugineus Diptera, Conopidae
Tipula cava Diptera, Tipulidae

Common

Calliopum acneum Diptera, Lauxaniidae
Chrysopilus asiliformis Diptera, Rhagionidae
Chrysops caecutiens Diptera, Tabanidae
Empis aestiva Diptera, Empididae
Episyrphus balteatus Diptera, Syrphidae
Eristalis arbustorum Diptera, Syrphidae
Eristalis interrupta Diptera, Syrphidae
Eristalis tenax Diptera, Syrphidae
Helophilus pendulus Diptera, Syrphidae
Limonia bifasciata Diptera, Tipulidae
Melanostoma scalare Diptera, Syrphidae
Metasyrphus corollae Diptera, Syrphidae
Minettia longipennis Diptera, Lauxaniidae
Minettia rivosu Diptera, Lauxaniidae
Myathropa florea Diptera, Syrphidae
Myrmeleotettix maculatus Orthoptera, Acrididae
Opetia nigra Diptera, Platypezidae
Opomyza florum Diptera, Opomyzidae
Opomyza germinationis Diptera, Opomyzidae
Phyllodromia melanocephala Diptera, Empididae
Platypalpus pectoralis Diptera, Empididae
Rhamphomyia tarsata Diptera, Empididae
Sciapus platypterus Diptera, Dolichopodidae
Sphaerophoria scripta Diptera, Syrphidae
Syritta pipiens Diptera, Syrphidae
Syrphus ribesii Diptera, Syrphidae
Tetanocera elata Diptera, Sciomyzidae
Tricholauxania praeusta Diptera, Lauxaniidae
Volucella bombylans Diptera, Syrphidae
Volucella pellucens Diptera, Syrphidae

Church Marshes RSPB reserve

Subsite of: Surlingham Marshes
Grid ref: TG3007
Vice-county(s): East Norfolk
County(s): Norfolk
Status: SSSI & RSPB reserve

Description

80 acres of reedbed and sedge bed with open pools which dry down in summer to leave areas of bare mud fringed with bogbean. Isolated from the river during summer to prevent polluted water coming on to the site, flooded deeply in winter.

Visited by: Dr D.A. Sheppard on 07 JUL 1993. Dr S.G. Ball & Ms B. Peterek on 08 JUL 1993.
No. of records: 68

RDB3		<i>Haematopota pluvialis</i>	Diptera, Tabanidae
		<i>Helophilus pendulus</i>	Diptera, Syrphidae
		<i>Hercostomus metallicus</i>	Diptera, Dolichopodidae
		<i>Ischnura elegans</i>	Odonata, Coenagrionidae
		<i>Lestes sponsa</i>	Odonata, Lestidae
		<i>Lonchoptera furcata</i>	Diptera, Lonchopteridae
		<i>Lonchoptera lutea</i>	Diptera, Lonchopteridae
		<i>Maniola jurtina</i>	Lepidoptera, Satyridae
		<i>Pherbina coryleti</i>	Diptera, Sciomyzidae
		<i>Platycheirus angustatus</i>	Diptera, Syrphidae
		<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
		<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
		<i>Poecilobothrus nobilitatus</i>	Diptera, Dolichopodidae
		<i>Rhagio scolopacea</i>	Diptera, Rhagionidae
		<i>Rhagio tringarius</i>	Diptera, Rhagionidae
		<i>Stethomostus fuliginosus</i>	Hymenoptera, Tenthredinidae
		<i>Tetanocera elata</i>	Diptera, Sciomyzidae
pRDB3			
<i>Anasimyia interpuncta</i>	Diptera, Syrphidae		
<i>Limonia danica</i>	Diptera, Tipulidae		
<i>Ochthera manicata</i>	Diptera, Ephydriidae		
Notable/Nb			
<i>Hercostomus chalybeus</i>	Diptera, Dolichopodidae		
<i>Lispe uliginosa</i>	Diptera, Muscidae		
<i>Neoscias geniculata</i>	Diptera, Syrphidae		
<i>Pilaria scutellata</i>	Diptera, Tipulidae		
Local			
<i>Ametastegia glabrata</i>	Hymenoptera, Tenthredinidae		
<i>Anasimyia lineata</i>	Diptera, Syrphidae		
<i>Anasimyia transfuga</i>	Diptera, Syrphidae		
<i>Cleigastra apicalis</i>	Diptera, Scathophagidae		
<i>Dolerus cothurnatus</i>	Hymenoptera, Tenthredinidae		
<i>Dolichopus brevipennis</i>	Diptera, Dolichopodidae		
<i>Dolichopus latelimbatus</i>	Diptera, Dolichopodidae		
<i>Eristalinus sepulchralis</i>	Diptera, Syrphidae		
<i>Eutomostethus gagathinus</i>	Hymenoptera, Tenthredinidae		
<i>Nemotelus nigrinus</i>	Diptera, Stratiomyidae		
<i>Nemotelus pantherinus</i>	Diptera, Stratiomyidae		
<i>Neoscias meticulosa</i>	Diptera, Syrphidae		
<i>Neoscias tenax</i>	Diptera, Syrphidae		
<i>Platycheirus fulviventrus</i>	Diptera, Syrphidae		
<i>Ptychoptera contaminata</i>	Diptera, Ptychopteridae		
<i>Ptychoptera minuta</i>	Diptera, Ptychopteridae		
<i>Syntormon denticulatus</i>	Diptera, Dolichopodidae		
Common			
<i>Aglais urticae</i>	Lepidoptera, Nymphalidae		
<i>Athalia circularis</i>	Hymenoptera, Tenthredinidae		
<i>Campsicnemus scambus</i>	Diptera, Dolichopodidae		
<i>Cheilosia pagana</i>	Diptera, Syrphidae		
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae		
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae		
<i>Cordilura pubera</i>	Diptera, Scathophagidae		
<i>Dolichopus unguatus</i>	Diptera, Dolichopodidae		
<i>Drosophila andalusica</i>	Diptera, Drosophilidae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Erioptera stictica</i>	Diptera, Tipulidae		
<i>Erioptera trivialis</i>	Diptera, Tipulidae		
		Migrant	
		<i>Vanessa atalanta</i>	Lepidoptera, Nymphalidae

Cockley Cley Fen

Grid ref: TF7703
Vice-county(s): West Norfolk
County(s): Norfolk

Description

Small area of tall fen around a series of springs in two fields. Birch/sallow scrub in patches. Dry grassland on the fringes, although some of it improved.

Visited by: Dr S.G.Ball & Mr A.E.Stubbs on 04 JUL 1993.
No. of records: 103

RDB2		<i>Hybos femoratus</i>	Diptera, Empididae
		<i>Lestes sponsa</i>	Odonata, Lestidae
<i>Erioptera meijerei</i>	Diptera, Tipulidae	<i>Limnia paludicola</i>	Diptera, Sciomyzidae
pRDB3		<i>Limnophila fulvonervosa</i>	Diptera, Tipulidae
		<i>Limonia macrostigma</i>	Diptera, Tipulidae
<i>Eutolmus rufibarbis</i>	Diptera, Asilidae	<i>Limonia quadrinotata</i>	Diptera, Tipulidae
Notable/Nb		<i>Mariola jurtina</i>	Lepidoptera, Satyridae
		<i>Melanostoma mellinum</i>	Diptera, Syrphidae
		<i>Melanostoma scalare</i>	Diptera, Syrphidae
<i>Limonia lucida</i>	Diptera, Tipulidae	<i>Metasyrphus luniger</i>	Diptera, Syrphidae
<i>Vanoyia tenuicornis</i>	Diptera, Stratiomyidae	<i>Molophilus obscurus</i>	Diptera, Tipulidae
		<i>Myathropa florea</i>	Diptera, Syrphidae
Local		<i>Neoascia podagrica</i>	Diptera, Syrphidae
		<i>Ochlodes venata</i>	Lepidoptera, Hesperidae
<i>Dioctria atricapilla</i>	Diptera, Asilidae	<i>Pachygaster atra</i>	Diptera, Stratiomyidae
<i>Dolichopus longitarsis</i>	Diptera, Dolichopodidae	<i>Parage aegeria</i>	Lepidoptera, Satyridae
<i>Dolichopus picipes</i>	Diptera, Dolichopodidae	<i>Pilaria filata</i>	Diptera, Tipulidae
<i>Hercostomus chrysozygus</i>	Diptera, Dolichopodidae	<i>Platycybeus chryseus sens. str.</i>	Diptera, Syrphidae
<i>Hercostomus nigripennis</i>	Diptera, Dolichopodidae	<i>Platycybeus cyaneus</i>	Diptera, Syrphidae
<i>Herina frondescentiae</i>	Diptera, Otitidae	<i>Pyrrosoma nymphula</i>	Odonata, Coenagrionidae
<i>Nemotelus pantherinus</i>	Diptera, Stratiomyidae	<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Neoascia tenax</i>	Diptera, Syrphidae	<i>Rhagio scolopacea</i>	Diptera, Rhagionidae
<i>Neotamus cyanurus</i>	Diptera, Asilidae	<i>Rhagio tringarius</i>	Diptera, Rhagionidae
<i>Nephrotoma analis</i>	Diptera, Tipulidae	<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae	<i>Sympetrum striolatum</i>	Odonata, Libellulidae
<i>Oxycera trilineata</i>	Diptera, Stratiomyidae	<i>Syrphid pipiens</i>	Diptera, Syrphidae
<i>Pachygaster leachii</i>	Diptera, Stratiomyidae	<i>Syrphid ribesii</i>	Diptera, Syrphidae
<i>Phyllobrotica quadrimaculata</i>	Coleoptera, Chrysomelidae	<i>Syrphid vitripennis</i>	Diptera, Syrphidae
<i>Platycybeus occultus</i>	Diptera, Syrphidae	<i>Terellia ruficauda</i>	Diptera, Tephritidae
<i>Spanochaeta dorsalis</i>	Diptera, Muscidae	<i>Tetanocera silvatica</i>	Diptera, Sciomyzidae
<i>Trichopsomyia flavitarsis</i>	Diptera, Syrphidae	<i>Tipula fascipennis</i>	Diptera, Tipulidae
<i>Tropidia scita</i>	Diptera, Syrphidae	<i>Tipula lateralis</i>	Diptera, Tipulidae
		<i>Volucella bombylans</i>	Diptera, Syrphidae
		<i>Xyphosia miliaria</i>	Diptera, Tephritidae
Common		Unknown	
<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae		
<i>Beris vallata</i>	Diptera, Stratiomyidae	<i>Sciara thomae</i>	Diptera, Sciaridae
<i>Calobata cibaria</i>	Diptera, Micropezidae		
<i>Campsicnemus loripes</i>	Diptera, Dolichopodidae		
<i>Cheilosia pagana</i>	Diptera, Syrphidae		
<i>Cheilosia proxima</i>	Diptera, Syrphidae		
<i>Cheilosia vernalis</i>	Diptera, Syrphidae		
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae		
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae		
<i>Chrysops caecutiens</i>	Diptera, Tabanidae		
<i>Dolichopus claviger</i>	Diptera, Dolichopodidae		
<i>Dolichopus popularis</i>	Diptera, Dolichopodidae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Eristalis interrupta</i>	Diptera, Syrphidae		
<i>Eristalis pertinax</i>	Diptera, Syrphidae		
<i>Eumerus strigatus</i>	Diptera, Syrphidae		
<i>Helophilus pendulus</i>	Diptera, Syrphidae		
<i>Hybos culiciformis</i>	Diptera, Empididae		

Coldhall Meadows RSPB reserve

Subsite of: Surlingham Marshes
Grid ref: TG3207
Vice-county(s): East Norfolk
County(s): Norfolk
Status: SSSI & RSPB reserve

Description

Three meadows totalling 20Ha in total. The most northerly meadow, nearest the river is dominated by tall reed-fen, the other two have shorter areas cut for hay and then grazed in autumn/winter.

Visited by: Dr D.A. Sheppard & Dr S.G. Ball on 08 JUL 1993.
No. of records: 69

Local		Migrant	
		<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
		<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
		<i>Rhagio scolopacea</i>	Diptera, Rhagionidae
		<i>Rhagozycha fulva</i>	Coleoptera, Cantharidae
		<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae
		<i>Sepsis violacea</i>	Diptera, Sepsidae
		<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
		<i>Stenodema calcaratum</i>	Hemiptera, Miridae
		<i>Syrphid pipiens</i>	Diptera, Syrphidae
		<i>Syrphus ribesii</i>	Diptera, Syrphidae
		<i>Volucella bombylans</i>	Diptera, Syrphidae
		<i>Volucella pellucens</i>	Diptera, Syrphidae
Common		Migrant	
<i>Aglais urticae</i>	Lepidoptera, Nymphalidae	<i>Vanessa atalanta</i>	Lepidoptera, Nymphalidae
<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae		
<i>Aphrophora alni</i>	Hemiptera, Cercopidae	Unknown	
<i>Beris vallata</i>	Diptera, Stratiomyidae		
<i>Birka cinereipes</i>	Hymenoptera, Tenthredinidae	<i>Athalia scutellariae</i>	Hymenoptera, Tenthredinidae
<i>Calobata cibaria</i>	Diptera, Micropezidae	<i>Calameuta filiformis</i>	Hymenoptera, Cephidae
<i>Cheilosia illustrata</i>	Diptera, Syrphidae		
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Chrysogaster solstitialis</i>	Diptera, Syrphidae		
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae		
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae		
<i>Coccinella septempunctata</i>	Coleoptera, Coccinellidae		
<i>Dolichopus pennatus</i>	Diptera, Dolichopodidae		
<i>Dolichopus unguatus</i>	Diptera, Dolichopodidae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Erioptera trivialis</i>	Diptera, Tipulidae		
<i>Eriothrix rufomaculata</i>	Diptera, Tachinidae		
<i>Eristalis arbustorum</i>	Diptera, Syrphidae		
<i>Eristalis interrupta</i>	Diptera, Syrphidae		
<i>Eristalis intricarius</i>	Diptera, Syrphidae		
<i>Eristalis pertinax</i>	Diptera, Syrphidae		
<i>Haematopota pluvialis</i>	Diptera, Tabanidae		
<i>Helophilus pendulus</i>	Diptera, Syrphidae		
<i>Ilione albiseta</i>	Diptera, Sciomyzidae		
<i>Inachis io</i>	Lepidoptera, Nymphalidae		
<i>Ischnura elegans</i>	Odonata, Coenagrionidae		
<i>Leptophyes punctatissima</i>	Orthoptera, Phaneropteridae		
<i>Lonchoptera furcata</i>	Diptera, Lonchopteridae		
<i>Maniola jurtina</i>	Lepidoptera, Satyridae		
<i>Melanostoma mellinum</i>	Diptera, Syrphidae		
<i>Melanostoma scalare</i>	Diptera, Syrphidae		
<i>Metasyrphus corollae</i>	Diptera, Syrphidae		
<i>Ochlodes venata</i>	Lepidoptera, Hesperinidae		
<i>Pherbina coryleti</i>	Diptera, Sciomyzidae		
<i>Philaenus spumarius</i>	Hemiptera, Cercopidae		
<i>Pholidoptera griseoptera</i>	Orthoptera, Tettigoniidae		
<i>Pipunculus campestris</i>	Diptera, Pipunculidae		

Coston Fen SSSI

Grid ref: TG0606
Vice-county(s): East Norfolk
County(s): Norfolk
Status: SSSI

Visited by: D.J.Heaver, Dr E.Howe, Dr M.A.Howe, Mr A.Godfrey & Mr J.Mousley on 06 JUL 1993.
No. of records: 40

Notable/Nb

Beris clavipes Diptera, Stratiomyidae

Local

Drapetis ephippiata Diptera, Empididae
Herina frondescentiae Diptera, Otitidae
Oplodontha viridula Diptera, Stratiomyidae
Oxycera nigricornis Diptera, Stratiomyidae
Oxycera trilineata Diptera, Stratiomyidae
Pachygaster leachii Diptera, Stratiomyidae
Tipula nigra Diptera, Tipulidae

Common

Aphantopus hyperantus Lepidoptera, Satyridae
Beris vallata Diptera, Stratiomyidae
Chloromyia formosa Diptera, Stratiomyidae
Chorisops tibialis Diptera, Stratiomyidae
Chrysopilus cristatus Diptera, Rhagionidae
Chrysops caecutiens Diptera, Tabanidae
Cordilura pubera Diptera, Scathophagidae
Empis livida Diptera, Empididae
Episyrphus balteatus Diptera, Syrphidae
Eriothrix rufomaculata Diptera, Tachinidae
Eristalis tenax Diptera, Syrphidae
Leptogaster cylindrica Diptera, Asilidae
Leucozona lucorum Diptera, Syrphidae
Maniola jurtina Lepidoptera, Satyridae
Nephrotoma flavescens Diptera, Tipulidae
Pachygaster atra Diptera, Stratiomyidae
Platycheirus cyaneus Diptera, Syrphidae
Pyrophæna granditarsa Diptera, Syrphidae
Rhagio lineola Diptera, Rhagionidae
Rhagio scolopacea Diptera, Rhagionidae
Rhagio tringarius Diptera, Rhagionidae
Sphaerophoria scripta Diptera, Syrphidae
Syrirta pipiens Diptera, Syrphidae
Terellia ruficauda Diptera, Tephritidae
Tipula fascipennis Diptera, Tipulidae
Tipula lateralis Diptera, Tipulidae
Urophora jaceana Diptera, Tephritidae
Urophora stylata Diptera, Tephritidae
Volucella bombylans Diptera, Syrphidae
Xyphosia miliaria Diptera, Tephritidae

Unknown

Sciara thomae Diptera, Sciaridae

East Harling Common

Grid ref: TL9987
Vice-county(s): West Norfolk
County(s): Norfolk
Status: ISR site, Private owner & pSSSI

Description

Series of small water filled depressions, probably pingo's in origin, and a larger mere which is used for water abstraction. Calcareous grassland is also present and there is an area of dense *Phragmites/Cladium* swamp. Arable farming is encroaching onto part of the site, and in the past some of the drier areas have been extensively burnt. Keep some of the pools open and free of shade from adjacent carr.

Visited by: D.J.Heaver & Mr A.Godfrey on 10 JUL 1993.
No. of records: 4

Notable/Nb

Tipula helvola Diptera, Tipulidae

Local

Tipula nigra Diptera, Tipulidae

Common

Austrolimnophila ochracea Diptera, Tipulidae
Tipula fascipennis Diptera, Tipulidae

East Wretham Heath

Grid ref: TL9188
Vice-county(s): West Norfolk
County(s): Norfolk
Status: ISR site, SSSI & County trust reserve

Description

An area of neutral and acidic grassland with two fluctuating meres (Ringmere and Langmere). The acidic grassland is dominated by *Deschampsia flexuosa* with some *Galium saxatile*, *Rumex acetosella* and *Campanula rotundifolia*. The closely grazed neutral grassland contains *Anthoxanthum odoratum*, *Festuca rubra* and *Arrhenatherum elatius*. A small area of calcareous grassland is present on the south east end of the site. In addition to the two fluctuating meres there are several small water bodies with more constant water levels, these are margined with *Carex riparia*. Both the open, dry, Breck grassland and the fluctuating meres support invertebrate faunas of interest, with the latter habitat being of national importance. The county Trust maintain large areas of open Breck heathland by sheep grazing. Rabbits have been scarce on this site and bracken is invading some areas; this needs to be controlled. The meres should be kept free of excessive shade and the dumping of any rubbish which may result in the pollution of the water, though upwelling of the water helps to keep the quality high.

Visited by: Mr I. Perry on 04 JUL 1993.
No. of records: 16

Local

<i>Allophora pusilla</i>	Diptera, Tachinidae
<i>Campsicnemus picticornis</i>	Diptera, Dolichopodidae
<i>Dysmachus trigonus</i>	Diptera, Asilidae
<i>Rhamphomyia gibba</i>	Diptera, Empididae

Common

<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Hybomitra distinguenda</i>	Diptera, Tabanidae
<i>Pachygaster atra</i>	Diptera, Stratiomyidae
<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Themira annulipes</i>	Diptera, Sepsidae
<i>Themira minor</i>	Diptera, Sepsidae
<i>Urophora stylata</i>	Diptera, Tephritidae
<i>Xyphosia miliaria</i>	Diptera, Tephritidae

Unknown

<i>Empis tumida</i>	Diptera, Empididae
<i>Nowickia ferox</i>	Diptera, Tachinidae

Felbrigg Great Wood

Grid ref: TG1940 & TG1939
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site, National Trust & SSSI

Description

Open beech woodland, some open areas with birch, hazel understorey and some bracken. Steadily being coniferised. Felbrigg Park is ancient open oak woodland with some sweet chestnut and sycamore.

Visited by: Dr C.M.Drake & K.Merrifield on 06 JUL 1993. Mr P.Chandler on 10 JUL 1993.
No. of records: 31

RDB2

Erioptera meijerei Diptera, Tipulidae

Notable/Nb

Limonia lucida Diptera, Tipulidae

Local

Chrysops viduatus Diptera, Tabanidae
Ptychoptera contaminata Diptera, Ptychopteridae
Sphinx ligustri Lepidoptera, Sphingidae
Tipula cava Diptera, Tipulidae

Common

Austrolimnophila ochracea Diptera, Tipulidae
Chloromyia formosa Diptera, Stratiomyidae
Empis livida Diptera, Empididae
Episyrphus balteatus Diptera, Syrphidae
Erioptera fusculentata Diptera, Tipulidae
Helius longirostris Diptera, Tipulidae
Limnophila fulvonervosa Diptera, Tipulidae
Limnophila nemoralis agg. Diptera, Tipulidae
Limonia dumetorum Diptera, Tipulidae
Meliscaeva auricollis Diptera, Syrphidae
Metasyrphus corollae Diptera, Syrphidae
Molophilus bifidus Diptera, Tipulidae
Molophilus medius Diptera, Tipulidae
Ormosia nodulosa Diptera, Tipulidae
Pieris brassicae Lepidoptera, Pieridae
Pilaria discicollis Diptera, Tipulidae
Polygonia c-album Lepidoptera, Nymphalidae
Pseudolimnophila sepium Diptera, Tipulidae
Syrphus vitripennis Diptera, Syrphidae
Tipula lateralis Diptera, Tipulidae
Ula sylvatica Diptera, Tipulidae

Unknown

Eustalomyia histrio Diptera, Anthomyiidae
Sciara thomae Diptera, Sciaridae

Foul登 Common

Grid ref: TF7600
Vice-county(s): West Norfolk
County(s): Norfolk
Status: ISR site, SSSI & County trust reserve

Description

A series of pingo depressions on neutral and acid grassland, with a central band of carr and woodland. Some of the pingo pools are now shaded out by the woodland, but those in more open conditions contain a rich flora including *Cladium mariscus*, *Phragmites australis*, *Utricularia vulgaris*, *Potamogeton coloratus* and *Menyanthes trifoliata*. The calcareous grassland also has a rich flora. Species recorded include *Campanula glomerata*, *Asperula cynanicha*, *Filipendula vulgaris*, *Gentianella amarella* and *Thymus pulegioides*. A site of outstanding interest for aquatic invertebrates and species associated with aquatic and emergent vegetation. The dry calcareous grassland also has many rare species occurring on it. The site is managed by the Norfolk Naturalists' Trust and birch clearance has taken place in the more open areas. Some of the privet scrub should be left undisturbed. Some carr should be retained, though it is important that some of the pools remain open, free of excessive shade and leaf litter.

Visited by: D.J.Heaver, Dr E.Howe, Dr M.A.Howe, Mr A.Godfrey & Mr J.Mousley on 06 JUL 1993.
No. of records: 16

pRDB3

<i>Eutolmus rufibarbis</i>	Diptera, Asilidae
<i>Limonia danica</i>	Diptera, Tipulidae

Local

<i>Dioctria linearis</i>	Diptera, Asilidae
<i>Hybomitra bimaculata</i>	Diptera, Tabanidae
<i>Neoitamus cyanurus</i>	Diptera, Asilidae
<i>Tipula cava</i>	Diptera, Tipulidae

Common

<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Minettia rivos</i>	Diptera, Lauxaniidae
<i>Myathropa florea</i>	Diptera, Syrphidae
<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae
<i>Sciapus platypterus</i>	Diptera, Dolichopodidae
<i>Tricholauxania praeusta</i>	Diptera, Lauxaniidae
<i>Urophora stylata</i>	Diptera, Tephritidae

Foxley Wood

Grid ref: TG0522
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site & SSSI

Description

Mixed deciduous woodland with ash, maple, oak and hazel. Some coniferisation has taken place, but was halted. Houses a rich ground flora and in some respects grades into fen woodland. Historically a coppice.

Visited by: A. Wass, Mr A.E. Stubbs, Mr A.J. Halstead, Mr M. Parker & Mr P.L. Th. Beuk on 06 JUL 1993. Mr L. Gorman & Mrs M.J. Morgan on 07 JUL 1993.

No. of records: 79

Notable/Nb			
<i>Laphria marginata</i>	Diptera, Asilidae	<i>Ocydromia glabricula</i>	Diptera, Empididae
		<i>Ormosia nodulosa</i>	Diptera, Tipulidae
		<i>Pallopia saltuum</i>	Diptera, Pallopteridae
Local		<i>Pholidoptera griseoaptera</i>	Orthoptera, Tettigoniidae
<i>Apoderus coryli</i>	Coleoptera, Attelabidae	<i>Phyllodromia melanocephala</i>	Diptera, Empididae
<i>Araneus marmoreus</i>	Araneae, Araneidae	<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Cheilosia impressa</i>	Diptera, Syrphidae	<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
<i>Chrysotoxum bicinctum</i>	Diptera, Syrphidae	<i>Rhingia campestris</i>	Diptera, Syrphidae
<i>Dioctria linearis</i>	Diptera, Asilidae	<i>Sargus iridatus</i>	Diptera, Stratiomyidae
<i>Dolichopus wahlbergi</i>	Diptera, Dolichopodidae	<i>Sciapus platypterus</i>	Diptera, Dolichopodidae
<i>Herina germinationis</i>	Diptera, Otitidae	<i>Sitona suturalis</i>	Coleoptera, Curculionidae
<i>Herina lugubris</i>	Diptera, Otitidae	<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Hybomitra bimaculata</i>	Diptera, Tabanidae	<i>Syrphia pipiens</i>	Diptera, Syrphidae
<i>Pipiza austriaca</i>	Diptera, Syrphidae	<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Rhynchites germanicus</i>	Coleoptera, Attelabidae	<i>Syrphus torvus</i>	Diptera, Syrphidae
<i>Sicus ferrugineus</i>	Diptera, Conopidae	<i>Tipula fascipennis</i>	Diptera, Tipulidae
<i>Strangalia maculata</i>	Coleoptera, Cerambycidae	<i>Verrallia aucta</i>	Diptera, Pipunculidae
<i>Xanthogramma pedissequum</i>	Diptera, Syrphidae	<i>Volucella pellucens</i>	Diptera, Syrphidae
		<i>Xyphosia miliaria</i>	Diptera, Tephritidae
Common		Unknown	
<i>Apion subulatum</i>	Coleoptera, Apionidae	<i>Drosophila confusa</i>	Diptera, Drosophilidae
<i>Austrolimnophila ochracea</i>	Diptera, Tipulidae	<i>Leptura rubra</i>	Coleoptera, Cerambycidae
<i>Bruchus loti</i>	Coleoptera, Bruchidae		
<i>Cantharis nigra</i>	Coleoptera, Cantharidae		
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Chorisops tibialis</i>	Diptera, Stratiomyidae		
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae		
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae		
<i>Chrysops caecutiens</i>	Diptera, Tabanidae		
<i>Empis aestiva</i>	Diptera, Empididae		
<i>Empis livida</i>	Diptera, Empididae		
<i>Empis lutea</i>	Diptera, Empididae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Eristalis arbustorum</i>	Diptera, Syrphidae		
<i>Eristalis interrupta</i>	Diptera, Syrphidae		
<i>Eristalis pertinax</i>	Diptera, Syrphidae		
<i>Eristalis tenax</i>	Diptera, Syrphidae		
<i>Grammoptera ruficornis</i>	Coleoptera, Cerambycidae		
<i>Haematopota pluvialis</i>	Diptera, Tabanidae		
<i>Hybos femoratus</i>	Diptera, Empididae		
<i>Lagria hirta</i>	Coleoptera, Tenebrionidae		
<i>Leptophyes punctatissima</i>	Orthoptera, Phaneropteridae		
<i>Limnophila nemoralis agg.</i>	Diptera, Tipulidae		
<i>Limonia bifasciata</i>	Diptera, Tipulidae		
<i>Melanostoma mellinum</i>	Diptera, Syrphidae		
<i>Melanostoma scalare</i>	Diptera, Syrphidae		
<i>Myathropa florea</i>	Diptera, Syrphidae		
<i>Nephrotoma flavescens</i>	Diptera, Tipulidae		
<i>Nephrotoma quadrifaria</i>	Diptera, Tipulidae		

Geldeston Marshes

Grid ref: TM387913
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site & Private owner

Description

Grazing marsh adjacent to the River Waveney. Clean-water dykes with some rich aquatic and marginal vegetation.

Visited by: D.J.Heaver, Dr E.Howe, Dr M.A.Howe Mr A.Godfrey & Mr J.Mousley on 07 JUL 1993. Mr A.E.Stubbs on 10 JUL 1993.
No. of records: 83

RDB2		<i>Haematopota pluvialis</i>	Diptera, Tabanidae
		<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Asindulum nigrum</i>	Diptera, Mycetophilidae	<i>Ilione albiseta</i>	Diptera, Sciomyzidae
		<i>Limnophila ferruginea</i>	Diptera, Tipulidae
Notable/Nb		<i>Maniola jurtina</i>	Lepidoptera, Satyridae
		<i>Metasyrphus corollae</i>	Diptera, Syrphidae
<i>Vanoyia tenuicornis</i>	Diptera, Stratiomyidae	<i>Microchrysa flavicornis</i>	Diptera, Stratiomyidae
		<i>Neoascia podagrica</i>	Diptera, Syrphidae
Local		<i>Nephrotoma flavescens</i>	Diptera, Tipulidae
		<i>Norellisoma spinimanum</i>	Diptera, Scathophagidae
<i>Agapanthia villosa viridescens</i>	Coleoptera, Cerambycidae	<i>Opomyza florum</i>	Diptera, Opomyzidae
<i>Anasimyia contracta</i>	Diptera, Syrphidae	<i>Opomyza germinationis</i>	Diptera, Opomyzidae
<i>Anasimyia transfuga</i>	Diptera, Syrphidae	<i>Pherbellia cinerella</i>	Diptera, Sciomyzidae
<i>Ceroxys urticae</i>	Diptera, Oritidae	<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
<i>Cheilosia impressa</i>	Diptera, Syrphidae	<i>Pyrophaena granditarsa</i>	Diptera, Syrphidae
<i>Chrysotoxum bicinctum</i>	Diptera, Syrphidae	<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Cleigastra apicalis</i>	Diptera, Scathophagidae	<i>Syrphus pipiens</i>	Diptera, Syrphidae
<i>Cordilura albipes</i>	Diptera, Scathophagidae	<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Cordilura impudica</i>	Diptera, Scathophagidae	<i>Tenthredo ferruginea</i>	Hymenoptera, Tenthredinidae
<i>Medetera diadema</i>	Diptera, Dolichopodidae	<i>Tetanocera ferruginea</i>	Diptera, Sciomyzidae
<i>Nemotelus nigrinus</i>	Diptera, Stratiomyidae	<i>Tetanocera robusta</i>	Diptera, Sciomyzidae
<i>Nephrotoma guestfalica</i>	Diptera, Tipulidae	<i>Tetanocera silvatica</i>	Diptera, Sciomyzidae
<i>Nyctia halterata</i>	Diptera, Sarcophagidae	<i>Urophora stylata</i>	Diptera, Tephritidae
<i>Oplodontha viridula</i>	Diptera, Stratiomyidae	<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae	<i>Xyphosia miliaria</i>	Diptera, Tephritidae
<i>Oxycera trilineata</i>	Diptera, Stratiomyidae		
<i>Platycheirus fulviventris</i>	Diptera, Syrphidae	Migrant	
<i>Pyrophaena rosarum</i>	Diptera, Syrphidae		
<i>Sepedon spegea</i>	Diptera, Sciomyzidae	<i>Vanessa atalanta</i>	Lepidoptera, Nymphalidae
<i>Sepedon spinipes</i>	Diptera, Sciomyzidae		
<i>Strangalia maculata</i>	Coleoptera, Cerambycidae	Unknown	
<i>Tipula nigra</i>	Diptera, Tipulidae		
<i>Trichopsomyia flavitarsis</i>	Diptera, Syrphidae	<i>Sciara thomae</i>	Diptera, Sciaridae
<i>Tropidia scita</i>	Diptera, Syrphidae		
Common			
<i>Adalia bipunctata</i>	Coleoptera, Coccinellidae		
<i>Baccha spp</i>	Diptera, Syrphidae		
<i>Beris vallata</i>	Diptera, Stratiomyidae		
<i>Cheilosia variabilis</i>	Diptera, Syrphidae		
<i>Cheilosia vernalis</i>	Diptera, Syrphidae		
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae		
<i>Coccinella septempunctata</i>	Coleoptera, Coccinellidae		
<i>Coenosia tigrina</i>	Diptera, Muscidae		
<i>Elgiva sollicita</i>	Diptera, Sciomyzidae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Erioptera trivialis</i>	Diptera, Tipulidae		
<i>Eristalis arbustorum</i>	Diptera, Syrphidae		
<i>Eristalis horticola</i>	Diptera, Syrphidae		
<i>Eristalis interrupta</i>	Diptera, Syrphidae		
<i>Eristalis pertinax</i>	Diptera, Syrphidae		
<i>Eristalis tenax</i>	Diptera, Syrphidae		

Gooderstone Waren SSSI

Grid ref: TF7901
Vice-county(s): West Norfolk
County(s): Norfolk
Status: SSSI

Description

Two small strips of breck grassland in a agricultural landscape. Apparently unmanaged and with bracken and scrub invaasion. Short, flower rich grassland in the central strips.

Visited by: Dr S.G.Ball & Mr A.E.Stubbs on 04 JUL 1993.
No. of records: 34

pRDB3

Eutolmus rufibarbis Diptera, Asilidae

Local

Dioctria baumhaueri Diptera, Asilidae

Dioctria rufipes Diptera, Asilidae

Sphaerophoria interrupta Diptera, Syrphidae

Common

Aphantopus hyperantus Lepidoptera, Satyridae

Calliopum aeneum Diptera, Lauxaniidae

Chloromyia formosa Diptera, Stratiomyidae

Coenonympha pamphilus Lepidoptera, Satyridae

Empis stercorea Diptera, Empididae

Eumerus strigatus Diptera, Syrphidae

Hercostomus germanus Diptera, Dolichopodidae

Hybos culiciformis Diptera, Empididae

Leptogaster cylindrica Diptera, Asilidae

Machimus atricapillus Diptera, Asilidae

Maniola jurtina Lepidoptera, Satyridae

Metasyrphus corollae Diptera, Syrphidae

Minettia rivos Diptera, Lauxaniidae

Pachygaster atra Diptera, Stratiomyidae

Pherbellia cinerella Diptera, Sciomyzidae

Platycyrtus clypeatus sens. str. Diptera, Syrphidae

Platypalpus pallidiventris Diptera, Empididae

Sphaerophoria scripta Diptera, Syrphidae

Syritta pipiens Diptera, Syrphidae

Syrphus ribesii Diptera, Syrphidae

Terellia ruficauda Diptera, Tephritidae

Thereva nobilitata Diptera, Therevidae

Grimes Graves (English Heritage)

Subsite of: Grimes Graves
Grid ref: TL8189
Vice-county(s): West Norfolk
County(s): Norfolk
Status: SSSI & Ancient Monument

Description

Area of ancient flint mines supports chalk grassland. Sheep grazed for part of the year. A number of wide, chalky paths are the result of visitor pressure. Very flower rich with an abundance of popular nectar plants including thyme, wild parsnip, rockrose. Towards the MoD area oto the NW (away from the chalk exposure) the grassland becomes more acidic in character.

Visited by: Dr S.G.Ball on 11 JUL 1993.
No. of records: 21

RDB3

Dolichopus migrans Diptera, Dolichopodidae

pRDB3

Eutolmus rufibarbis Diptera, Asilidae

Local

Erynnis tages Lepidoptera, Hesperidae
Hercostomus gracilis Diptera, Dolichopodidae
Thymelicus lineola Lepidoptera, Hesperidae

Common

Aphantopus hyperantus Lepidoptera, Satyridae
Episyrphus balteatus Diptera, Syrphidae
Eristalis arbustorum Diptera, Syrphidae
Eristalis tenax Diptera, Syrphidae
Hercostomus germanus Diptera, Dolichopodidae
Hilara litorea Diptera, Empididae
Hybos culiciformis Diptera, Empididae
Lycaena phlaeas Lepidoptera, Lycaenidae
Maniola jurtina Lepidoptera, Satyridae
Melanostoma mellinum Diptera, Syrphidae
Meliscaeva auricollis Diptera, Syrphidae
Pherbellia cinerella Diptera, Sciomyzidae
Sphaerophoria scripta Diptera, Syrphidae
Syritta pipiens Diptera, Syrphidae
Thymelicus sylvestris Lepidoptera, Hesperidae
Tyria jacobaeae Lepidoptera, Arctiidae

Grimes Graves (MoD)

Subsite of: Grimes Graves
Grid ref: TL8190
Vice-county(s): West Norfolk
County(s): Norfolk
Status: SSSI

Description

Area of grassland surrounded by conifer plantation. The grassland has 'stone stripes' which support an acidic community including heather. The grassland in between provides flower rich areas, notably tormentil and Lady's bedstraw.

Visited by: Dr S.G.Ball on 11 JUL 1993.
No. of records: 19

pRDB3

Eutolmus rufibarbis Diptera, Asilidae

Local

Alophora obesa Diptera, Tachinidae
Chrysotoxum bicinctum Diptera, Syrphidae
Sepsis duplicata Diptera, Sepsidae
Sicus ferrugineus Diptera, Conopidae
Thymelicus lineola Lepidoptera, Hesperidae

Common

Calliopum simillimum Diptera, Lauxaniidae
Coenonympha pamphilus Lepidoptera, Satyridae
Eristalis tenax Diptera, Syrphidae
Haematopota pluvialis Diptera, Tabanidae
Hercostomus germanus Diptera, Dolichopodidae
Hybos culiciformis Diptera, Empididae
Maniola jurtina Lepidoptera, Satyridae
Melanostoma mellinum Diptera, Syrphidae
Metasyrphus corollae Diptera, Syrphidae
Platycheirus clypeatus sens. str. Diptera, Syrphidae
Sphaerophoria scripta Diptera, Syrphidae
Thymelicus sylvestris Lepidoptera, Hesperidae
Tyria jacobaeae Lepidoptera, Arctiidae

Gunton Park

Grid ref: TG223337
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Mr P.Grainger on 08 JUL 1993.
No. of records: 2

Common

<i>Cheilosia vernalis</i>	Diptera, Syrphidae
<i>Selandria serva</i>	Hymenoptera, Tenthredinidae

Halvergate Marshes

Grid ref: TG40
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site & SSSI

Description

Grazing marsh with many dykes having a rich flora, including species such as *Sium latifolium*, *Alisma plantago-aquatica* and *Hydrocharis morsus-ranae*.

Visited by: Mr A.E.Stubbs & Mr M.N.Pugh on 07 JUL 1993.
No. of records: 27

Notable/Nb

<i>Neoascia geniculata</i>	Diptera, Syrphidae
<i>Pilaria scutellata</i>	Diptera, Tipulidae

Local

<i>Neoascia tenur</i>	Diptera, Syrphidae
<i>Oplodontha viridula</i>	Diptera, Stratiomyidae
<i>Ptychoptera contaminata</i>	Diptera, Ptychopteridae
<i>Sepedon sphegea</i>	Diptera, Sciomyzidae
<i>Sepedon spinipes</i>	Diptera, Sciomyzidae

Common

<i>Chalarus spurius</i>	Diptera, Pipunculidae
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Elgiva sollicita</i>	Diptera, Sciomyzidae
<i>Erioptera fusculentata</i>	Diptera, Tipulidae
<i>Erioptera trivialis</i>	Diptera, Tipulidae
<i>Leptocera ferruginata</i>	Diptera, Sphaeroceridae
<i>Metasyrphus corollae</i>	Diptera, Syrphidae
<i>Pherbina coryleti</i>	Diptera, Sciomyzidae
<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Poecilobothrus nobilitatus</i>	Diptera, Dolichopodidae
<i>Pyrophaena granditarsa</i>	Diptera, Syrphidae
<i>Sargus iridatus</i>	Diptera, Stratiomyidae
<i>Syrpitta pipiens</i>	Diptera, Syrphidae
<i>Terellia ruficauda</i>	Diptera, Tephritidae
<i>Tipula lateralis</i>	Diptera, Tipulidae
<i>Tipula oleracea</i>	Diptera, Tipulidae
<i>Urophora stylata</i>	Diptera, Tephritidae
<i>Xyphosia miliaria</i>	Diptera, Tephritidae

Hassingham Carr

Grid ref: TG3605
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Mr M.N.Pugh on 07 JUL 1993.
No. of records: 16

Local

<i>Helophilus hybridus</i>	Diptera, Syrphidae
<i>Platycheirus scambus</i>	Diptera, Syrphidae
<i>Tropidia scita</i>	Diptera, Syrphidae

Common

<i>Cheilosia proxima</i>	Diptera, Syrphidae
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Eristalis horticola</i>	Diptera, Syrphidae
<i>Eristalis intricarius</i>	Diptera, Syrphidae
<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Leucozona laternaria</i>	Diptera, Syrphidae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Platycheirus scutatus</i>	Diptera, Syrphidae
<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Tetanocera elata</i>	Diptera, Sciomyzidae

Hedenham Wood

Grid ref: TM3194
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Mr A.E.Stubbs on 10 JUL 1993.
No. of records: 34

Notable/Nb

Neoscia geniculata Diptera, Syrphidae

Local

Bathocranium bicoloratum Diptera, Dolichopodidae
Epiphragma ocellaris Diptera, Tipulidae
Euthycera fumigata Diptera, Sciomyzidae
Nemotelus nigrinus Diptera, Stratiomyidae

Common

Austrolimnophila ochracea Diptera, Tipulidae
Cheilosia proxima Diptera, Syrphidae
Chrysopilus cristatus Diptera, Rhagionidae
Empis livida Diptera, Empididae
Episyrphus balteatus Diptera, Syrphidae
Eristalis interrupta Diptera, Syrphidae
Eristalis pertinax Diptera, Syrphidae
Helophilus pendulus Diptera, Syrphidae
Limnophila nemoralis agg. Diptera, Tipulidae
Limonia dumetorum Diptera, Tipulidae
Limonia modesta Diptera, Tipulidae
Limonia nubeculosa Diptera, Tipulidae
Limonia tripunctata Diptera, Tipulidae
Melanostoma scalare Diptera, Syrphidae
Meliscaeva auricollis Diptera, Syrphidae
Microchrysa flavicornis Diptera, Stratiomyidae
Nephrotoma quadrifaria Diptera, Tipulidae
Ormosia nodulosa Diptera, Tipulidae
Pherbellia dubia Diptera, Sciomyzidae
Platycheirus cyaneus Diptera, Syrphidae
Polygonia c-album Lepidoptera, Nymphalidae
Rhagio lineola Diptera, Rhagionidae
Syrpita pipiens Diptera, Syrphidae
Syrphus ribesii Diptera, Syrphidae
Tetanocera silvatica Diptera, Sciomyzidae
Ula mollissima Diptera, Tipulidae
Volucella bombylans Diptera, Syrphidae
Volucella pellucens Diptera, Syrphidae
Xyphosia militaria Diptera, Tephritidae

Hickling Broad

Grid ref: TG4421
 Vice-county(s): East Norfolk
 County(s): Norfolk
 Status: ISR site, NNR & SSSI

Description

Large shallow Broad surrounded by *Phragmites* beds and fen. The commercial sedge-beds, although dominated by *Cladium*, contain a mixture of fen species including *Schoenus nigricans*, *Eupatorium cannabinum*, *Peucedanum palustre*, *Rumex hydrolapathum* and *Lythrum salicaria*. There are also some acidophilous communities containing *Menyanthes trifoliata*. A site of national importance, like Upton Broad and the Ant and Bure Marshes, though some areas of Hickling differ from those sites in having a brackish influence. In the past eutrophication has been a problem, caused by a marked increase in the population of roosting Black-headed Gulls.

Visited by: Dr E.Howe, Dr M.A.Howe, Dr S.G.Ball, K.Merrifield, Mr A.Godfrey, Mr C.Spilling, Mr J.Mousley Mr M.N.Pugh & S.M.Crellin on 05 JUL 1993. D.J.Heaver on 07 JUL 1993.
 No. of records: 141

RDB2		<i>Strangalia maculata</i>	Coleoptera, Cerambycidae
		<i>Tabanus autumnalis</i>	Diptera, Tabanidae
<i>Papilio machaon</i>	Lepidoptera, Papilionidae	<i>Thereva annulata</i>	Diptera, Therevidae
<i>Scathophaga tinctinervis</i>	Diptera, Scathophagidae	<i>Tipula cava</i>	Diptera, Tipulidae
		<i>Tipula solstitialis</i>	Diptera, Tipulidae
pRDB3		<i>Tropidia scita</i>	Diptera, Syrphidae
<i>Hybomitra muhlfeldi</i>	Diptera, Tabanidae	Common	
Na		<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae
		<i>Baccha</i> spp	Diptera, Syrphidae
<i>Macropis europaea</i>	Hymenoptera, Melittidae	<i>Cheilosia illustrata</i>	Diptera, Syrphidae
		<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
Notable/Nb		<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
		<i>Clytus arietis</i>	Coleoptera, Cerambycidae
<i>Colobaea punctata</i>	Diptera, Sciomyzidae	<i>Coenagrion puella</i>	Odonata, Coenagriidae
<i>Melieria cana</i>	Diptera, Otitidae	<i>Dicraeus vagans</i>	Diptera, Chloropidae
<i>Microphorus anomalus</i>	Diptera, Empididae	<i>Dolichopus plumipes</i>	Diptera, Dolichopodidae
Local		<i>Dolichopus popularis</i>	Diptera, Dolichopodidae
		<i>Dolichopus simplex</i>	Diptera, Dolichopodidae
<i>Ancistrocerus trifasciatus</i>	Hymenoptera, Eumenidae	<i>Empis aestiva</i>	Diptera, Empididae
<i>Andrena coitana</i>	Hymenoptera, Andrenidae	<i>Empis livida</i>	Diptera, Empididae
<i>Calliopum elisae</i>	Diptera, Lauxaniidae	<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Cleigastra apicalis</i>	Diptera, Scathophagidae	<i>Erioptera stictica</i>	Diptera, Tipulidae
<i>Conocephalus dorsalis</i>	Orthoptera, Conocephalidae	<i>Erioptera trivialis</i>	Diptera, Tipulidae
<i>Cordilura impudica</i>	Diptera, Scathophagidae	<i>Eriothrix rufomaculata</i>	Diptera, Tachinidae
<i>Cylindromyia interrupta</i>	Diptera, Tachinidae	<i>Eristalis arbustorum</i>	Diptera, Syrphidae
<i>Dioctria baumhaueri</i>	Diptera, Asilidae	<i>Eristalis intricarius</i>	Diptera, Syrphidae
<i>Dolichopus vitripennis</i>	Diptera, Dolichopodidae	<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Eristalinus sepulchralis</i>	Diptera, Syrphidae	<i>Eristalis tenax</i>	Diptera, Syrphidae
<i>Hercostomus nigripennis</i>	Diptera, Dolichopodidae	<i>Haematopota pluvialis</i>	Diptera, Tabanidae
<i>Herina frondescentiae</i>	Diptera, Otitidae	<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Hylaeus pectoralis</i>	Hymenoptera, Colletidae	<i>Hercostomus aerosus</i>	Diptera, Dolichopodidae
<i>Limnophila meigeni</i>	Diptera, Tipulidae	<i>Ischnura elegans</i>	Odonata, Coenagriidae
<i>Neoascia tenur</i>	Diptera, Syrphidae	<i>Lestes sponsa</i>	Odonata, Lestidae
<i>Neoitamus cyanurus</i>	Diptera, Asilidae	<i>Limnophila fulvonervosa</i>	Diptera, Tipulidae
<i>Orthetrum cancellatum</i>	Odonata, Libellulidae	<i>Lipara lucens</i>	Diptera, Chloropidae
<i>Paragus haemorrhous</i>	Diptera, Syrphidae	<i>Malachius bipustulatus</i>	Coleoptera, Melyridae
<i>Parhelophilus frutetorum</i>	Diptera, Syrphidae	<i>Maniola jurtina</i>	Lepidoptera, Satyridae
<i>Parhelophilus versicolor</i>	Diptera, Syrphidae	<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Prionocera turcica</i>	Diptera, Tipulidae	<i>Metasyrphus corollae</i>	Diptera, Syrphidae
<i>Rivellia syngenesiae</i>	Diptera, Platystomatidae	<i>Minettia lupulina</i>	Diptera, Lauxaniidae
<i>Scaeva selenitica</i>	Diptera, Syrphidae	<i>Minettia rivosia</i>	Diptera, Lauxaniidae
<i>Sepedon sphegea</i>	Diptera, Sciomyzidae	<i>Myathropa florea</i>	Diptera, Syrphidae
<i>Sicus ferrugineus</i>	Diptera, Conopidae	<i>Neoascia podagrica</i>	Diptera, Syrphidae
<i>Spanochaeta dorsalis</i>	Diptera, Muscidae	<i>Ochlodes venata</i>	Lepidoptera, Hesperidae
		<i>Opomyza florum</i>	Diptera, Opomyzidae

<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Poecilobothrus nobilitatus</i>	Diptera, Dolichopodidae
<i>Pyronia tithonus</i>	Lepidoptera, Satyridae
<i>Pyrophaena granditarsa</i>	Diptera, Syrphidae
<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Rhagio tringarius</i>	Diptera, Rhagionidae
<i>Scaptomyza pallida</i>	Diptera, Drosophilidae
<i>Scathophaga furcata</i>	Diptera, Scathophagidae
<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae
<i>Schoenomyza litorella</i>	Diptera, Muscidae
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Syrnina pipiens</i>	Diptera, Syrphidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Syrphus vitripennis</i>	Diptera, Syrphidae
<i>Terellia ruficauda</i>	Diptera, Tephritidae
<i>Tipula lunata</i>	Diptera, Tipulidae
<i>Tricholauxania praeusta</i>	Diptera, Lauxaniidae
<i>Trypetoptera punctulata</i>	Diptera, Sciomyzidae
<i>Verrallia aucta</i>	Diptera, Pipunculidae
<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Volucella pellucens</i>	Diptera, Syrphidae
<i>Xylota segnis</i>	Diptera, Syrphidae
<i>Xyphosia miliaria</i>	Diptera, Tephritidae

Unknown

<i>Asteia concinna</i>	Diptera, Asteiidae
<i>Lacerta vivipara</i>	Squamata, Lacertidae
<i>Phytomyza lonicerae</i>	Diptera, Agromyzidae

Holkham Bay Dunes/Saltmarsh

Subsite of: Holkham NNR
Grid ref: TF8545
Vice-county(s): West Norfolk
County(s): Norfolk

Description

Botanically rich saltmarsh separated from an area of fields cut for hay. Dunes consisting of fore-dunes, a main dune ridge and flower rich areas backing on to saltmarsh or fields.

Visited by: Dr S.G.Ball & S.M.Crellin on 07 JUL 1993. D.J.Heaver, Dr E.Howe, Dr M.A.Howe, Mr A.Godfrey, Mr I.Perry, Mr J.Mousley & Mr R.Crossley on 08 JUL 1993.

No. of records: 51

RDB3		<i>Rhingia campestris</i>	Diptera, Syrphidae
		<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
		<i>Tyria jacobaeae</i>	Lepidoptera, Arctiidae
<i>Atylotus latistriatus</i>	Diptera, Tabanidae		
Na		Unknown	
<i>Oxybelus mandibularis</i>	Hymenoptera, Sphecidae	<i>Asteia concinna</i>	Diptera, Asteiidae
		<i>Chamaemyia flavipalpis</i>	Diptera, Chamaemyiidae
Notable/Nb			
<i>Dolichopus strigipes</i>	Diptera, Dolichopodidae		
<i>Eutropha fulvifrons</i>	Diptera, Chloropidae		
<i>Megachile leachella</i>	Hymenoptera, Megachilidae		
<i>Paroxyna absinthii</i>	Diptera, Tephritidae		
<i>Phthiria pulicaria</i>	Diptera, Bombyliidae		
<i>Tetanops myopinus</i>	Diptera, Otitidae		
Local			
<i>Dolichopus diadema</i>	Diptera, Dolichopodidae		
<i>Dysmachus trigonus</i>	Diptera, Asilidae		
<i>Eristalinus sepulchralis</i>	Diptera, Syrphidae		
<i>Gorytes quadrifasciatus</i>	Hymenoptera, Sphecidae		
<i>Gorytes tumidus</i>	Hymenoptera, Sphecidae		
<i>Hydrophorus oceanus</i>	Diptera, Dolichopodidae		
<i>Melieria crassipennis</i>	Diptera, Otitidae		
<i>Myrmosa atra</i>	Hymenoptera, Tiphidae		
<i>Nemotelus notatus</i>	Diptera, Stratiomyidae		
<i>Paroxyna plantaginis</i>	Diptera, Tephritidae		
<i>Philonicus albiceps</i>	Diptera, Asilidae		
<i>Scathophaga litorea</i>	Diptera, Scathophagidae		
<i>Sicus ferrugineus</i>	Diptera, Conopidae		
<i>Thereva annulata</i>	Diptera, Therevidae		
<i>Villa paniscus</i>	Diptera, Bombyliidae		
Common			
<i>Cepaea nemoralis</i>	Mollusca, Helicidae		
<i>Cerodontha denticornis</i>	Diptera, Agromyzidae		
<i>Clinocera stagnalis</i>	Diptera, Empididae		
<i>Coreus marginatus</i>	Hemiptera, Coreidae		
<i>Crossocerus wesmaeli</i>	Hymenoptera, Sphecidae		
<i>Dolichopus nubilus</i>	Diptera, Dolichopodidae		
<i>Erioptera stictica</i>	Diptera, Tipulidae		
<i>Malachius bipustulatus</i>	Coleoptera, Melyridae		
<i>Maniola jurtina</i>	Lepidoptera, Satyridae		
<i>Microchrysa flavicornis</i>	Diptera, Stratiomyidae		
<i>Myrmeleotettix maculatus</i>	Orthoptera, Acrididae		
<i>Opomyza germinationis</i>	Diptera, Opomyzidae		
<i>Oxybelus uniglumis</i>	Hymenoptera, Sphecidae		
<i>Pherbellia cinerella</i>	Diptera, Sciomyzidae		
<i>Polyommatus icarus</i>	Lepidoptera, Lycaenidae		

Holkham Dunes at Wells-next-the-Sea

Subsite of: Holkham NNR
Grid ref: TF9045 & TF8645
Vice-county(s): West Norfolk
County(s): Norfolk

Description

Strip of dunes covered in mature pine plantation. The foreshore is developed for holiday-makers with beach huts. Behind the dunes is a large car park, caravan park and boating lake. Further west there is a large ex-dune slack with a very large population of marsh helleborine.

Visited by: A.Wass, Dr C.M.Drake, Dr S.G.Ball, Mr A.J.Halstead, Mr M.Parker & S.M.Crellin on 07 JUL 1993. Mr P.J.Hodge & Mr R.Crossley on 08 JUL 1993.
No. of records: 51

pRDB3		<i>Verrallia aucta</i>	Diptera, Pipunculidae
<i>Dichetophora finlandica</i>	Diptera, Sciomyzidae	Unknown	
Notable/Nb		<i>Leptura rubra</i>	Coleoptera, Cerambycidae
<i>Hercostomus praetextatus</i>	Diptera, Dolichopodidae		
<i>Phthiria pulicaria</i>	Diptera, Bombyliidae		
Local			
<i>Chrysotimus molliculus</i>	Diptera, Dolichopodidae		
<i>Ctenopus sulphureus</i>	Coleoptera, Tenebrionidae		
<i>Dysmachus trigonus</i>	Diptera, Asilidae		
<i>Eristalinus aeneus</i>	Diptera, Syrphidae		
<i>Eristalinus sepulchralis</i>	Diptera, Syrphidae		
<i>Eristalis abusivus</i>	Diptera, Syrphidae		
<i>Haematopota crassicornis</i>	Diptera, Tabanidae		
<i>Herina frondescentiae</i>	Diptera, Otitidae		
<i>Limonia stigma</i>	Diptera, Tipulidae		
<i>Machaerium maritima</i>	Diptera, Dolichopodidae		
<i>Nacerdes melanura</i>	Coleoptera, Oedemeridae		
<i>Nemotelus nigrinus</i>	Diptera, Stratiomyidae		
<i>Nemotelus notatus</i>	Diptera, Stratiomyidae		
<i>Nephrotoma guestfalica</i>	Diptera, Tipulidae		
<i>Paragus haemorrhous</i>	Diptera, Syrphidae		
<i>Philonicus albiceps</i>	Diptera, Asilidae		
<i>Sphaerophoria rueppellii</i>	Diptera, Syrphidae		
<i>Thereva bipunctata</i>	Diptera, Therevidae		
<i>Tipula cava</i>	Diptera, Tipulidae		
<i>Tipula nigra</i>	Diptera, Tipulidae		
<i>Villa paniscus</i>	Diptera, Bombyliidae		
Common			
<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae		
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Chrysops relictus</i>	Diptera, Tabanidae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Erioptera stictica</i>	Diptera, Tipulidae		
<i>Eristalis tenax</i>	Diptera, Syrphidae		
<i>Hybos culiciformis</i>	Diptera, Empididae		
<i>Maniola jurtina</i>	Lepidoptera, Satyridae		
<i>Metasyrphus luniger</i>	Diptera, Syrphidae		
<i>Molophilus obscurus</i>	Diptera, Tipulidae		
<i>Ochlodes venata</i>	Lepidoptera, Hesperidae		
<i>Polyommatus icarus</i>	Lepidoptera, Lycaenidae		
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae		
<i>Syrphus vitripennis</i>	Diptera, Syrphidae		
<i>Thereva nobilitata</i>	Diptera, Therevidae		
<i>Trypetoptera punctulata</i>	Diptera, Sciomyzidae		

Holt Lowes

Grid ref: TG0837
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site, SSSI & County trust reserve

Description

Heath dominated by gorse and bracken with a dammed pond and carr plus some *Sphagnum* flushes. The northern section of the site is run as a Country Park and consists mainly of conifer plantation.

Visited by: Dr C.M.Drake, K.Merrifield & Mr M.N.Pugh on 06 JUL 1993.
No. of records: 44

Notable/Nb

<i>Limonia lucida</i>	Diptera, Tipulidae
<i>Tipula yerburyi</i>	Diptera, Tipulidae

Local

<i>Dioctria baumhaueri</i>	Diptera, Asilidae
<i>Erioptera gemina</i>	Diptera, Tipulidae
<i>Gonomyia lateralis</i>	Diptera, Tipulidae
<i>Ladoga camilla</i>	Lepidoptera, Nymphalidae
<i>Limnophila aperta</i>	Diptera, Tipulidae
<i>Molophilus occultus</i>	Diptera, Tipulidae
<i>Neotamus cyanurus</i>	Diptera, Asilidae
<i>Paragus haemorrhous</i>	Diptera, Syrphidae
<i>Ptychoptera lacustris</i>	Diptera, Ptychopteridae
<i>Tipula cava</i>	Diptera, Tipulidae

Common

<i>Austrolimnophila ochracea</i>	Diptera, Tipulidae
<i>Bibio pomonae</i>	Diptera, Bibionidae
<i>Chrysogaster solstitialis</i>	Diptera, Syrphidae
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Helius longirostris</i>	Diptera, Tipulidae
<i>Limnia unguicornis</i>	Diptera, Sciomyzidae
<i>Limnophila fulvonervosa</i>	Diptera, Tipulidae
<i>Limonia bifasciata</i>	Diptera, Tipulidae
<i>Limonia dumetorum</i>	Diptera, Tipulidae
<i>Limonia duplicata</i>	Diptera, Tipulidae
<i>Limonia macrostigma</i>	Diptera, Tipulidae
<i>Limonia quadrinotata</i>	Diptera, Tipulidae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Meliscaeva auricollis</i>	Diptera, Syrphidae
<i>Metasyrphus corollae</i>	Diptera, Syrphidae
<i>Molophilus appendiculatus</i>	Diptera, Tipulidae
<i>Ochlodes venata</i>	Lepidoptera, Hesperiidae
<i>Pedicia immaculata</i>	Diptera, Tipulidae
<i>Pilaria discicollis</i>	Diptera, Tipulidae
<i>Pseudolimnophila sepium</i>	Diptera, Tipulidae
<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Rhagio scolopacea</i>	Diptera, Rhagionidae
<i>Syritta pipiens</i>	Diptera, Syrphidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Tipula fascipennis</i>	Diptera, Tipulidae

Unknown

<i>Dorylomorpha albitarsis</i>	Diptera, Pipunculidae
--------------------------------	-----------------------

Horstead Field Centre

Grid ref: TG2520 & TG2619
Vice-county(s): East Norfolk
County(s): Norfolk
Status: Private owner

Description

Field Centre grounds running down to the River Bure. Gardens with pond, rough grassland and riverside willows and poplar.

Visited by: Mr A.E.Stubbs on 04 JUL 1993. Mr P.L.Th.Beuk on 05 JUL 1993. Mrs E.K.Goldie-Smith on 06 JUL 1993. ? on 07 JUL 1993. Mr A.J.Halstead on 08 JUL 1993. Dr C.M.Drake, Mr S.J.Falk & S.M.Crellin on 09 JUL 1993.

No. of records: 96

RDB K			
<i>Dolichovespula saxonica</i>	Hymenoptera, Vespidae	<i>Helina setiventris</i>	Diptera, Muscidae
		<i>Helius longirostris</i>	Diptera, Tipulidae
		<i>Hydrotaea irritans</i>	Diptera, Muscidae
Notable/Nb		<i>Limnophila adjuncta</i>	Diptera, Tipulidae
		<i>Limnophila ferruginea</i>	Diptera, Tipulidae
<i>Neurigona suturalis</i>	Diptera, Dolichopodidae	<i>Limnophila nemoralis</i> agg.	Diptera, Tipulidae
<i>Tipula peliostigma</i>	Diptera, Tipulidae	<i>Limonia chorea</i>	Diptera, Tipulidae
		<i>Limonia duplicata</i>	Diptera, Tipulidae
		<i>Limonia nubeculosa</i>	Diptera, Tipulidae
Local		<i>Lonchoptera lutea</i>	Diptera, Lonchopteridae
		<i>Lyciella rorida</i>	Diptera, Lauxaniidae
<i>Beris morrisii</i>	Diptera, Stratiomyidae	<i>Medetera truncorum</i>	Diptera, Dolichopodidae
<i>Dixella autumnalis</i>	Diptera, Dixidae	<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Epistrophe grossulariae</i>	Diptera, Syrphidae	<i>Melanostoma scalare</i>	Diptera, Syrphidae
<i>Euthycera fumigata</i>	Diptera, Sciomyzidae	<i>Metasyrphus luniger</i>	Diptera, Syrphidae
<i>Gonomyia lateralis</i>	Diptera, Tipulidae	<i>Microchrysa polia</i>	Diptera, Stratiomyidae
<i>Gonomyia recta</i>	Diptera, Tipulidae	<i>Minettia rivosia</i>	Diptera, Lauxaniidae
<i>Hilara cingulata</i>	Diptera, Empididae	<i>Molophilus appendiculatus</i>	Diptera, Tipulidae
<i>Hilara thoracica</i>	Diptera, Empididae	<i>Nephrotoma flavescens</i>	Diptera, Tipulidae
<i>Medetera diadema</i>	Diptera, Dolichopodidae	<i>Nephrotoma quadrifaria</i>	Diptera, Tipulidae
<i>Nephrotoma analis</i>	Diptera, Tipulidae	<i>Ocydromia glabricula</i>	Diptera, Empididae
<i>Nephrotoma guestfalica</i>	Diptera, Tipulidae	<i>Opomyza florum</i>	Diptera, Opomyzidae
<i>Neurigona quadrifasciata</i>	Diptera, Dolichopodidae	<i>Opomyza germinationis</i>	Diptera, Opomyzidae
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae	<i>Pachygaster atra</i>	Diptera, Stratiomyidae
<i>Pachygaster leachii</i>	Diptera, Stratiomyidae	<i>Phaonia viarum</i>	Diptera, Muscidae
<i>Palloptera muliebris</i>	Diptera, Pallopteridae	<i>Pherbellia dubia</i>	Diptera, Sciomyzidae
<i>Pelidnoptera fuscipennis</i>	Diptera, Sciomyzidae	<i>Platycheirus clypeatus</i> sens. str.	Diptera, Syrphidae
<i>Peplomyza litura</i>	Diptera, Lauxaniidae	<i>Pollenia rudis rudis</i>	Diptera, Calliphoridae
<i>Phaonia fuscata</i>	Diptera, Muscidae	<i>Sciapus platypterus</i>	Diptera, Dolichopodidae
<i>Platypalpus fasciatus</i>	Diptera, Empididae	<i>Siphona geniculata</i>	Diptera, Tachinidae
		<i>Suillia variegata</i>	Diptera, Heleomyzidae
Common		<i>Sylvicola cinctus</i>	Diptera, Anisopodidae
		<i>Sylvicola punctatus</i>	Diptera, Anisopodidae
<i>Austrolimnophila ochracea</i>	Diptera, Tipulidae	<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Azelia macquarti</i>	Diptera, Muscidae	<i>Tetanocera ferruginea</i>	Diptera, Sciomyzidae
<i>Beris geniculata</i>	Diptera, Stratiomyidae	<i>Thricops diaphanus</i>	Diptera, Muscidae
<i>Beris vallata</i>	Diptera, Stratiomyidae	<i>Thricops semicinerea</i>	Diptera, Muscidae
<i>Calliopum simillimum</i>	Diptera, Lauxaniidae	<i>Tipula oleracea</i>	Diptera, Tipulidae
<i>Cheilosia pagana</i>	Diptera, Syrphidae	<i>Tipula scripta</i>	Diptera, Tipulidae
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae	<i>Tricholauxania praeusta</i>	Diptera, Lauxaniidae
<i>Chorisops tibialis</i>	Diptera, Stratiomyidae	<i>Volucella pellucens</i>	Diptera, Syrphidae
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae		
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae		
<i>Dasyphora cyanella</i>	Diptera, Muscidae		
<i>Diastata fuscata</i>	Diptera, Diastatidae		
<i>Dolichopus popularis</i>	Diptera, Dolichopodidae	<i>Drosophila hydei</i>	Diptera, Drosophilidae
<i>Dolichopus unguatus</i>	Diptera, Dolichopodidae	<i>Sylvicola fenestralis</i>	Diptera, Anisopodidae
<i>Dolichovespula sylvestris</i>	Hymenoptera, Vespidae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Erioptera lutea</i> f. <i>taenionota</i>	Diptera, Tipulidae		
<i>Erioptera stictica</i>	Diptera, Tipulidae		

Itteringham Meadow

Grid ref: TG1330
Vice-county(s): East Norfolk
County(s): Norfolk

Description

Area of sedge beside the River Bure. Very rank with nettles, goosegrass and meadow sweet dominating many areas.

Visited by: Dr S.G.Ball, K.Merrifield & Mrs M.J.Morgan on 10 JUL 1993.

No. of records: 48

Local

<i>Agapanthia villosa</i>	Coleoptera, Cerambycidae
<i>Chrysotoxum bicinctum</i>	Diptera, Syrphidae
<i>Cleigastra apicalis</i>	Diptera, Scathophagidae
<i>Gonomyia lateralis</i>	Diptera, Tipulidae
<i>Myoleja caesia</i>	Diptera, Tephritidae
<i>Pachygaster leachii</i>	Diptera, Stratiomyidae
<i>Sicus ferrugineus</i>	Diptera, Conopidae
<i>Strangalia maculata</i>	Coleoptera, Cerambycidae

Common

<i>Adalia bipunctata</i>	Coleoptera, Coccinellidae
<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae
<i>Beris vallata</i>	Diptera, Stratiomyidae
<i>Calliopum simillimum</i>	Diptera, Lauxaniidae
<i>Cheilosia illustrata</i>	Diptera, Syrphidae
<i>Chrysogaster solstitialis</i>	Diptera, Syrphidae
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Dolichopus popularis</i>	Diptera, Dolichopodidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Eriothrix rufomaculata</i>	Diptera, Tachinidae
<i>Eristalis intricarius</i>	Diptera, Syrphidae
<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Haematopota pluvialis</i>	Diptera, Tabanidae
<i>Hybos culiciformis</i>	Diptera, Empididae
<i>Hydrotaea irritans</i>	Diptera, Muscidae
<i>Ischnura elegans</i>	Odonata, Coenagrionidae
<i>Limonia chorea</i>	Diptera, Tipulidae
<i>Lyciella rorida</i>	Diptera, Lauxaniidae
<i>Maniola jurtina</i>	Lepidoptera, Satyridae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Melanostoma scalare</i>	Diptera, Syrphidae
<i>Metasyrphus corollae</i>	Diptera, Syrphidae
<i>Metasyrphus luniger</i>	Diptera, Syrphidae
<i>Minettia rivosia</i>	Diptera, Lauxaniidae
<i>Ochlodes venata</i>	Lepidoptera, Hesperidae
<i>Platycheirus angustatus</i>	Diptera, Syrphidae
<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
<i>Poecilobothrus nobilitatus</i>	Diptera, Dolichopodidae
<i>Pyronia tithonus</i>	Lepidoptera, Satyridae
<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae
<i>Sciapus platypterus</i>	Diptera, Dolichopodidae
<i>Sepsis violacea</i>	Diptera, Sepsidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Syrphus vitripennis</i>	Diptera, Syrphidae
<i>Thymelicus sylvestris</i>	Lepidoptera, Hesperidae
<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Volucella pellucens</i>	Diptera, Syrphidae

Kettlestone Fen

Grid ref: TF9629
Vice-county(s): West Norfolk
County(s): Norfolk

Description

Strip of fen vegetation running along a small stream. Areas of reed and sedge with marsh orchids, meadowsweet, etc. Willow and birch scrub. Drier, rank grassland further from the stream with stands of tormentil.

Visited by: Dr S.G.Ball & K.Merrifield on 10 JUL 1993.
No. of records: 28

Notable/Nb

Psacadina verbekei Diptera, Sciomyzidae

Local

Gonomyia lateralis Diptera, Tipulidae
Neoscia tenur Diptera, Syrphidae
Oxycera nigricornis Diptera, Stratiomyidae
Pedicia rivosa Diptera, Tipulidae
Spanochaeta dorsalis Diptera, Muscidae
Sphaerophoria interrupta Diptera, Syrphidae

Common

Argyra argentina Diptera, Dolichopodidae
Cheilosia illustrata Diptera, Syrphidae
Chrysopilus cristatus Diptera, Rhagionidae
Dolichopus popularis Diptera, Dolichopodidae
Episyrphus balteatus Diptera, Syrphidae
Hybos culiciformis Diptera, Empididae
Hybos femoratus Diptera, Empididae
Limnophila fulvonervosa Diptera, Tipulidae
Maniola jurtina Lepidoptera, Satyridae
Melanostoma mellinum Diptera, Syrphidae
Molophilus medius Diptera, Tipulidae
Pipunculus campestris Diptera, Pipunculidae
Platycheirus angustatus Diptera, Syrphidae
Platycheirus clypeatus sens. str. Diptera, Syrphidae
Pseudolimnophila sepium Diptera, Tipulidae
Scathophaga stercoraria Diptera, Scathophagidae
Sphaerophoria scripta Diptera, Syrphidae
Syrphus ribesii Diptera, Syrphidae
Syrphus vitripennis Diptera, Syrphidae
Tetanocera elata Diptera, Sciomyzidae

Kings Fen

Grid ref: TG3428
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Mr D.P.Sumner, Mr L.Gorman, Mr P.L.Th.Beuk & Ms B.Peterek on 10 JUL 1993.
No. of records: 13

Local

Tropidia scita Diptera, Syrphidae

Common

<i>Chrysogaster solstitialis</i>	Diptera, Syrphidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Eristalis interrupta</i>	Diptera, Syrphidae
<i>Eristalis tenax</i>	Diptera, Syrphidae
<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Metasyrphus corollae</i>	Diptera, Syrphidae
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Syrina pipiens</i>	Diptera, Syrphidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Volucella pellucens</i>	Diptera, Syrphidae
<i>Xylota segnis</i>	Diptera, Syrphidae

Ludham Marshes

Grid ref: TG4017
 Vice-county(s): East Norfolk
 County(s): Norfolk
 Status: ISR site & NNR

Description

Grazing levels beside River Thurne. The extensive dyke system is floristically rich and includes species such as *Stratiotes aloides*, *Butomus umbellatus*, *Hydrocharis morsus-ranae*, *Potamogeton natans* and *Oenanthe* spp. The dykes are cleared on a rotation and are well maintained.

Visited by: Dr S.G.Ball Mr I.Perry & S.M.Crellin on 06 JUL 1993. Mr D.P.Sumner on 07 JUL 1993.
 No. of records: 89

RDB1		<i>Haematopota pluvialis</i>	Diptera, Tabanidae
		<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Aeshna isosceles</i>	Odonata, Aeshnidae	<i>Hercostomus aerosus</i>	Diptera, Dolichopodidae
		<i>Ischnura elegans</i>	Odonata, Coenagriidae
RDB2		<i>Lejogaster metallina</i>	Diptera, Syrphidae
		<i>Lestes sponsa</i>	Odonata, Lestidae
<i>Odontomyia ornata</i>	Diptera, Stratiomyidae	<i>Limonia chorea</i>	Diptera, Tipulidae
		<i>Lipara lucens</i>	Diptera, Chloropidae
Notable/Nb		<i>Lonchoptera furcata</i>	Diptera, Lonchopteridae
		<i>Maniola jurtina</i>	Lepidoptera, Satyridae
<i>Coenagrion pulchellum</i>	Odonata, Coenagriidae	<i>Microchrysa flavicornis</i>	Diptera, Stratiomyidae
<i>Laphria marginata</i>	Diptera, Asilidae	<i>Ochlodes venata</i>	Lepidoptera, Hesperidae
<i>Stratiomys singularior</i>	Diptera, Stratiomyidae	<i>Opomyza petrei</i>	Diptera, Opomyzidae
		<i>Pherbina coryleti</i>	Diptera, Sciomyzidae
Local		<i>Pieris brassicae</i>	Lepidoptera, Pieridae
		<i>Pilaria discicollis</i>	Diptera, Tipulidae
<i>Agapanthia villosiviridescens</i>	Coleoptera, Cerambycidae	<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Dolichopus brevipennis</i>	Diptera, Dolichopodidae	<i>Poecilobothrus nobilitatus</i>	Diptera, Dolichopodidae
<i>Dolichopus phaeopus</i>	Diptera, Dolichopodidae	<i>Rhaphium caliginosum</i>	Diptera, Dolichopodidae
<i>Drapetis ephippiata</i>	Diptera, Empididae	<i>Sepsis cynipsea</i>	Diptera, Sepsidae
<i>Helophilus trivittatus</i>	Diptera, Syrphidae	<i>Sepsis punctum</i>	Diptera, Sepsidae
<i>Hilara lundbecki</i>	Diptera, Empididae	<i>Syntormon pallipes</i>	Diptera, Dolichopodidae
<i>Hydrophorus balticus</i>	Diptera, Dolichopodidae	<i>Syrirta pipiens</i>	Diptera, Syrphidae
<i>Oplodontha viridula</i>	Diptera, Stratiomyidae	<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Orthetrum cancellatum</i>	Odonata, Libellulidae	<i>Syrphus vitripennis</i>	Diptera, Syrphidae
<i>Oxycera trilineata</i>	Diptera, Stratiomyidae	<i>Tetanocera ferruginea</i>	Diptera, Sciomyzidae
<i>Ptychoptera contaminata</i>	Diptera, Ptychopteridae	<i>Themira annulipes</i>	Diptera, Sepsidae
<i>Sepedon spegea</i>	Diptera, Sciomyzidae	<i>Tipula lateralis</i>	Diptera, Tipulidae
<i>Sepedon spinipes</i>	Diptera, Sciomyzidae		
<i>Strangalia maculata</i>	Coleoptera, Cerambycidae		
<i>Tropidia scita</i>	Diptera, Syrphidae		
Common			
<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae		
<i>Beris vallata</i>	Diptera, Stratiomyidae		
<i>Cheilosia pagana</i>	Diptera, Syrphidae		
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae		
<i>Coenagrion puella</i>	Odonata, Coenagriidae		
<i>Dolichopus festivus</i>	Diptera, Dolichopodidae		
<i>Dolichopus nubilus</i>	Diptera, Dolichopodidae		
<i>Dolichopus plumipes</i>	Diptera, Dolichopodidae		
<i>Empis livida</i>	Diptera, Empididae		
<i>Empis nigripes</i>	Diptera, Empididae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Erioptera fusculentia</i>	Diptera, Tipulidae		
<i>Erioptera trivialis</i>	Diptera, Tipulidae		
<i>Eristalis arbustorum</i>	Diptera, Syrphidae		
<i>Eristalis horticola</i>	Diptera, Syrphidae		
<i>Eristalis interrupta</i>	Diptera, Syrphidae		
<i>Eristalis intricarius</i>	Diptera, Syrphidae		

Market Weston Fen

Grid ref: TL9878
Vice-county(s): West Suffolk
County(s): Suffolk
Status: ISR site, SSSI & County trust reserve

	Description
--	-------------

Species-rich, spring fed valley fen with the central area dominated by *Cladium mariscus* and *Phragmites australis* with *Juncus subnodulosus*, *Schoenus nigricans*, *Caltha palustris* and *Parnassia palustris*. Some small wet hollows along the southern margin of the site add to the interest and contain a rich flora including *Menyanthes trifoliata* and *Lycopus europaeus*. There are some relict heath communities to the north west and south east of the site, but these are now dominated with bracken and gorse.

Visited by: Dr C.M.Drake, Mr A.E.Stubbs, Mr D.P.Sumner, Mr J.Denton, Mr P.L.Th.Beuk, Mrs E.K.Goldie-Smith & S.M.Crellin on 08 JUL 1993.

No. of records: 108

RDB2			
<i>Erioptera meijerei</i>	Diptera, Tipulidae	<i>Calliopium aeneum</i>	Diptera, Lauxaniidae
Na		<i>Campsicnemus scambus</i>	Diptera, Dolichopodidae
<i>Synanthedon formicaeformis</i>	Lepidoptera, Sesiidae	<i>Cheilosia albitarsis</i>	Diptera, Syrphidae
Notable/Nb		<i>Cheilosia illustrata</i>	Diptera, Syrphidae
<i>Cheilosia cynocephala</i>	Diptera, Syrphidae	<i>Cheilosia pagana</i>	Diptera, Syrphidae
<i>Limonia lucida</i>	Diptera, Tipulidae	<i>Cheilosia vernalis</i>	Diptera, Syrphidae
<i>Melangyna guttata</i>	Diptera, Syrphidae	<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Neoscia interrupta</i>	Diptera, Syrphidae	<i>Delia platura</i>	Diptera, Anthomyiidae
<i>Oxycera pygmaea</i>	Diptera, Stratiomyidae	<i>Diastata adusta</i>	Diptera, Diastatidae
<i>Psacadina verbekei</i>	Diptera, Sciomyzidae	<i>Dixa nebulosa</i>	Diptera, Dixidae
<i>Stratiomys potamida</i>	Diptera, Stratiomyidae	<i>Dixella amphibia</i>	Diptera, Dixidae
<i>Vanoyia tenuicornis</i>	Diptera, Stratiomyidae	<i>Dolichopus unguatus</i>	Diptera, Dolichopodidae
Local		<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Cheilosia praecox</i>	Diptera, Syrphidae	<i>Erioptera fuscipennis</i>	Diptera, Tipulidae
<i>Chrysotimus molliculus</i>	Diptera, Dolichopodidae	<i>Erioptera stictica</i>	Diptera, Tipulidae
<i>Chrysotoxum festivum</i>	Diptera, Syrphidae	<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Cymbiodyta marginellus</i>	Coleoptera, Hydrophilidae	<i>Helius longirostris</i>	Diptera, Tipulidae
<i>Dolichopus latelimbatus</i>	Diptera, Dolichopodidae	<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Donacia simplex</i>	Coleoptera, Chrysomelidae	<i>Hercostomus aerosus</i>	Diptera, Dolichopodidae
<i>Erioptera hybrida</i>	Diptera, Tipulidae	<i>Hercostomus metallicus</i>	Diptera, Dolichopodidae
<i>Ferdinandea cuprea</i>	Diptera, Syrphidae	<i>Ilybius ater</i>	Coleoptera, Dytiscidae
<i>Gonomyia lateralis</i>	Diptera, Tipulidae	<i>Ilybius fuliginosus</i>	Coleoptera, Dytiscidae
<i>Helius flavus</i>	Diptera, Tipulidae	<i>Limnophila ferruginea</i>	Diptera, Tipulidae
<i>Hercostomus chrysozygus</i>	Diptera, Dolichopodidae	<i>Limnophila fulvonervosa</i>	Diptera, Tipulidae
<i>Herina frondescentiae</i>	Diptera, Otitidae	<i>Limnophila nemoralis</i> agg.	Diptera, Tipulidae
<i>Hydroporus discretus</i>	Coleoptera, Dytiscidae	<i>Limonia modesta</i>	Diptera, Tipulidae
<i>Hygrobia hermanni</i>	Coleoptera, Hygrobiidae	<i>Lispe tentaculata</i>	Diptera, Muscidae
<i>Nemotelus pantherinus</i>	Diptera, Stratiomyidae	<i>Lonchoptera lutea</i>	Diptera, Lonchopteridae
<i>Neoscia tenur</i>	Diptera, Syrphidae	<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Oplodontha viridula</i>	Diptera, Stratiomyidae	<i>Minettia rivosa</i>	Diptera, Lauxaniidae
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae	<i>Molophilus medius</i>	Diptera, Tipulidae
<i>Pachygaster leachii</i>	Diptera, Stratiomyidae	<i>Molophilus obscurus</i>	Diptera, Tipulidae
<i>Pherbellia schoenherri</i>	Diptera, Sciomyzidae	<i>Neoscia podagrica</i>	Diptera, Syrphidae
<i>Spanochaeta dorsalis</i>	Diptera, Muscidae	<i>Nephrotoma flavescens</i>	Diptera, Tipulidae
<i>Syntormon denticulatus</i>	Diptera, Dolichopodidae	<i>Opomyza germinationis</i>	Diptera, Opomyzidae
<i>Tipula nigra</i>	Diptera, Tipulidae	<i>Pachygaster atra</i>	Diptera, Stratiomyidae
Common		<i>Pherbina coryleti</i>	Diptera, Sciomyzidae
<i>Austrolimnophila ochracea</i>	Diptera, Tipulidae	<i>Pilaria discollis</i>	Diptera, Tipulidae
<i>Beris vallata</i>	Diptera, Stratiomyidae	<i>Platycheirus clypeatus</i> sens. str.	Diptera, Syrphidae
		<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
		<i>Pseudolimnophila lucorum</i>	Diptera, Tipulidae
		<i>Pseudolimnophila sepium</i>	Diptera, Tipulidae
		<i>Rhagio lineola</i>	Diptera, Rhagionidae
		<i>Schoenomyza litorella</i>	Diptera, Muscidae
		<i>Tipula unca</i>	Diptera, Tipulidae
		<i>Xylota segnis</i>	Diptera, Syrphidae
		Unknown	

Hercostomus blankaartensis
Sapromyza sordida

Diptera, Dolichopodidae
Diptera, Lauxaniidae

Marsh Side, Brancaster

Subsite of: Holkham NNR
Grid ref: TF7744
Vice-county(s): West Norfolk
County(s): Norfolk

Description

A spring line running between the seaward fringe of the gardens of Brancaste houses and saltmarsh. At the western end there is an extensive reedbed on the landward side of the saltmarsh, but further east the main creek comes close to Brancaster leaving only a narrow fringe of marsh. The freshwater/brackish interface provides a strip of habitat which is extremely rich in scarce invertebrates.

Visited by: Dr C.M.Drake, Dr S.G.Ball & S.M.Crellin on 07 JUL 1993. Mr I.Perry, Mr R.Crossley & Mr S.J.Falk on 08 JUL 1993.

No. of records: 201

Notable/Nb

Dexiopsis lacustris Diptera, Muscidae
Dolichopus strigipes Diptera, Dolichopodidae
Ectemnius sexcinctus Hymenoptera, Sphecidae
Homoneura consobrina Diptera, Lauxaniidae
Melieria picta Diptera, Otitidae
Poecilobothrus principalis Diptera, Dolichopodidae
Stratiomys potamida Diptera, Stratiomyidae
Vanoyia tenuicornis Diptera, Stratiomyidae

Local

Amobia signatus Diptera, Sarcophagidae
Argyra vestita Diptera, Dolichopodidae
Ceroxys urticae Diptera, Otitidae
Chrysogaster cemitiorum Diptera, Syrphidae
Coenosia antennata Diptera, Muscidae
Conocephalus dorsalis Orthoptera, Conocephalidae
Dolichopus brevipennis Diptera, Dolichopodidae
Dolichopus diadema Diptera, Dolichopodidae
Dolichopus longicornis Diptera, Dolichopodidae
Dolichopus sabinus Diptera, Dolichopodidae
Epistrophe grossulariae Diptera, Syrphidae
Eristalinus sepulchralis Diptera, Syrphidae
Gorytes quadrifasciatus Hymenoptera, Sphecidae
Helina protuberans Diptera, Muscidae
Hercostomus chrysozygus Diptera, Dolichopodidae
Hydrophorus balticus Diptera, Dolichopodidae
Hydrophorus oceanus Diptera, Dolichopodidae
Limonia sera Diptera, Tipulidae
Lispe pygmaea Diptera, Muscidae
Machaerium maritima Diptera, Dolichopodidae
Melieria omissa Diptera, Otitidae
Nemotelus notatus Diptera, Stratiomyidae
Nemotelus uliginosus Diptera, Stratiomyidae
Paroxyna plantaginis Diptera, Tephritidae
Platycheirus fulviventris Diptera, Syrphidae
Rhaphium consobrinum Diptera, Dolichopodidae
Sarcophaga pumila Diptera, Sarcophagidae
Scathophaga litorea Diptera, Scathophagidae
Spilogona marina Diptera, Muscidae
Syntormon aulicus Diptera, Dolichopodidae
Tabanus autumnalis Diptera, Tabanidae
Tachysphex pompiliformis Hymenoptera, Sphecidae
Thinophilus flavipalpis Diptera, Dolichopodidae
Tipula nigra Diptera, Tipulidae
Tropidia scita Diptera, Syrphidae

Common

Andrena minutula Hymenoptera, Andrenidae
Bellardia agilis Diptera, Calliphoridae
Beris geniculata Diptera, Stratiomyidae
Beris vallata Diptera, Stratiomyidae
Bombus hortorum Hymenoptera, Apidae
Bombus lucorum Hymenoptera, Apidae
Bombus pascuorum Hymenoptera, Apidae
Bombus terrestris Hymenoptera, Apidae
Calliphora vicina Diptera, Calliphoridae
Campsicnemus curvipes Diptera, Dolichopodidae
Cheilosia illustrata Diptera, Syrphidae
Cheilosia proxima Diptera, Syrphidae
Cheilosia vernalis Diptera, Syrphidae
Chloromyia formosa Diptera, Stratiomyidae
Coenosia mollicula Diptera, Muscidae
Crossocerus elongatulus Hymenoptera, Sphecidae
Crossocerus podagricus Hymenoptera, Sphecidae
Dolichopus nubilus Diptera, Dolichopodidae
Dolichopus plumipes Diptera, Dolichopodidae
Dolichopus unguatus Diptera, Dolichopodidae
Elachiptera cornuta Diptera, Chloropidae
Episyrphus balteatus Diptera, Syrphidae
Erioptera stictica Diptera, Tipulidae
Eriothrix rufomaculata Diptera, Tachinidae
Eristalis arbustorum Diptera, Syrphidae
Eristalis horticola Diptera, Syrphidae
Eristalis interrupta Diptera, Syrphidae
Eristalis intricarius Diptera, Syrphidae
Eristalis pertinax Diptera, Syrphidae
Graphomya maculata Diptera, Muscidae
Haematopota pluvialis Diptera, Tabanidae
Helina duplicata Diptera, Muscidae
Helina setiventris Diptera, Muscidae
Helophilus pendulus Diptera, Syrphidae
Ischnura elegans Odonata, Coenagrionidae
Lasioglossum morio Hymenoptera, Halictidae
Lejogaster metallina Diptera, Syrphidae
Lispe tentaculata Diptera, Muscidae
Lonchoptera lutea Diptera, Lonchopteridae
Lucilia caesar Diptera, Calliphoridae
Maniola jurtina Lepidoptera, Satyridae
Melanostoma mellinum Diptera, Syrphidae
Melanostoma scalare Diptera, Syrphidae
Metasyrphus corollae Diptera, Syrphidae
Metasyrphus luniger Diptera, Syrphidae
Microchrysa polita Diptera, Stratiomyidae
Minettia rivosia Diptera, Lauxaniidae
Monacha cantiana Mollusca, Helicidae

<i>Muscina assimilis</i>	Diptera, Muscidae
<i>Myathropa florea</i>	Diptera, Syrphidae
<i>Myospila mediotabunda</i>	Diptera, Muscidae
<i>Neoscasia podagrica</i>	Diptera, Syrphidae
<i>Norellisoma spinimanum</i>	Diptera, Scathophagidae
<i>Pemphredon lugubris</i>	Hymenoptera, Sphecidae
<i>Phaonia errans</i>	Diptera, Muscidae
<i>Phaonia perditia</i>	Diptera, Muscidae
<i>Pherbina coryleti</i>	Diptera, Sciomyzidae
<i>Platycheirus angustatus</i>	Diptera, Syrphidae
<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
<i>Poecilobothrus nobilitatus</i>	Diptera, Dolichopodidae
<i>Pollenia rudis angustige</i>	Diptera, Calliphoridae
<i>Pyronia tithonus</i>	Lepidoptera, Satyridae
<i>Sarcophaga carnaria</i>	Diptera, Sarcophagidae
<i>Sarcophaga incisilobata</i>	Diptera, Sarcophagidae
<i>Sarcophaga subvicina</i>	Diptera, Sarcophagidae
<i>Scaptomyza pallida</i>	Diptera, Drosophilidae
<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae
<i>Schoenomyza litorella</i>	Diptera, Muscidae
<i>Sepsis cynipsea</i>	Diptera, Sepsidae
<i>Siphona geniculata</i>	Diptera, Tachinidae
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Syntormon pallipes</i>	Diptera, Dolichopodidae
<i>Syrirta pipiens</i>	Diptera, Syrphidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Thaumatomyia notata</i>	Diptera, Chloropidae
<i>Themira annulipes</i>	Diptera, Sepsidae
<i>Themira lucida</i>	Diptera, Sepsidae
<i>Themira minor</i>	Diptera, Sepsidae
<i>Thereva nobilitata</i>	Diptera, Therevidae
<i>Thymelicus sylvestris</i>	Lepidoptera, Hesperidae
<i>Tipula lateralis</i>	Diptera, Tipulidae
<i>Trypoxylon attenuatum</i>	Hymenoptera, Sphecidae
<i>Vespula germanica</i>	Hymenoptera, Vespidae
<i>Vespula vulgaris</i>	Hymenoptera, Vespidae
<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Volucella pellucens</i>	Diptera, Syrphidae

Unknown

<i>Asteia concinna</i>	Diptera, Asteiidae
<i>Brachicoma devia</i>	Diptera, Sarcophagidae
<i>Minettia fasciata</i>	Diptera, Lauxaniidae
<i>Rhinophora lepida</i>	Diptera, Rhinophoridae
<i>Sarcophaga dissimilis</i>	Diptera, Sarcophagidae

Mundesley Cliffs

Grid ref: TG317364
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site & SSSI

Description

Soft-rock cliffs consisting of blue clays of the Cromer Forest Bed Series. Vegetation sparse due to regular cliffs falls and land slides. Continued erosion by cliff seepages is essential in maintaining conditions suitable for the invertebrate community. Thus any scheme attempting to stabilise the cliffs poses a threat. The adjacent beach receives heavy recreational pressure during the summer months, but this is unlikely to threaten the invertebrate interest. The site is a geological SSSI.

Visited by: D.J.Heaver, Dr E.Howe, Dr M.A.Howe, Mr A.Godfrey, Mr J.Mousley, Mr M.N.Pugh & Mr P.Grainger on 08 JUL 1993.
No. of records: 32

Local

<i>Dioctria baumhaueri</i>	Diptera, Asilidae
<i>Dolerus germanicus</i>	Hymenoptera, Tenthredinidae
<i>Dysmachus trigonus</i>	Diptera, Asilidae
<i>Episyrus rufipes</i>	Hymenoptera, Pompilidae
<i>Hydrophorus oceanus</i>	Diptera, Dolichopodidae
<i>Nephrotoma submaculosa</i>	Diptera, Tipulidae
<i>Panurgus banksianus</i>	Hymenoptera, Andrenidae
<i>Paragus haemorrhous</i>	Diptera, Syrphidae
<i>Physocephala rufipes</i>	Diptera, Conopidae
<i>Sicus ferrugineus</i>	Diptera, Conopidae

Common

<i>Aphantopus hyperantus</i>	Lepidoptera, Satyridae
<i>Cerodontha denticornis</i>	Diptera, Agromyzidae
<i>Cheilosia illustrata</i>	Diptera, Syrphidae
<i>Cheilosia proxima</i>	Diptera, Syrphidae
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Crossocerus quadrimaculatus</i>	Hymenoptera, Sphecidae
<i>Crossocerus wesmaeli</i>	Hymenoptera, Sphecidae
<i>Dolerus aericeps</i>	Hymenoptera, Tenthredinidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Eriothrix rufomaculata</i>	Diptera, Tachinidae
<i>Lasioglossum leucozonium</i>	Hymenoptera, Halictidae
<i>Maniola jurtina</i>	Lepidoptera, Satyridae
<i>Microchrysa flavicornis</i>	Diptera, Stratiomyidae
<i>Minettia rivosia</i>	Diptera, Lauxaniidae
<i>Ochlodes venata</i>	Lepidoptera, Hesperidae
<i>Rhagio tringarius</i>	Diptera, Rhagionidae
<i>Sylvicola punctatus</i>	Diptera, Anisopodidae
<i>Tipula oleracea</i>	Diptera, Tipulidae
<i>Xyphosia miliaria</i>	Diptera, Tephritidae

Old Bodney Camp SSSI

Subsite of: Stanford PTA
Grid ref: TL8599
Vice-county(s): West Norfolk
County(s): Norfolk
Status: SSSI

Description

Area of breck grassland on site of a disused army camp at the edge of the Stamford training area. Concrete structures include roads and hut bases. These are surrounded by short grassland at the eastern end of the site grading towards longer and ranker grassland with much ragwort to the west. Some pines including a strip running approximately N-S up the middle of the area.

Visited by: Dr S.G.Ball on 11 JUL 1993.
No. of records: 44

RDB3		<i>Sepsis violacea</i>	Diptera, Sepsidae
		<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Dolichopus migrans</i>	Diptera, Dolichopodidae	<i>Syrirta pipiens</i>	Diptera, Syrphidae
		<i>Syrphus ribesii</i>	Diptera, Syrphidae
pRDB3		<i>Syrphus vitripennis</i>	Diptera, Syrphidae
		<i>Thymelicus sylvestris</i>	Lepidoptera, Hesperidae
<i>Eutolmus rufibarbis</i>	Diptera, Asilidae	<i>Tyria jacobaeae</i>	Lepidoptera, Arctiidae
Notable/Nb		Unknown	
<i>Adscita statice</i>	Lepidoptera, Zygaenidae	<i>Megaselia rivalis</i>	Diptera, Phoridae
Local			
<i>Alophora obesa</i>	Diptera, Tachinidae		
<i>Chrysotimus molliculus</i>	Diptera, Dolichopodidae		
<i>Chrysotoxum bicinctum</i>	Diptera, Syrphidae		
<i>Ctenopus sulphureus</i>	Coleoptera, Tenebrionidae		
<i>Hercostomus gracilis</i>	Diptera, Dolichopodidae		
<i>Physocephala rufipes</i>	Diptera, Conopidae		
<i>Sicus ferrugineus</i>	Diptera, Conopidae		
<i>Tachina grossa</i>	Diptera, Tachinidae		
Common			
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Coenonympha pamphilus</i>	Lepidoptera, Satyridae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Eriothrix rufomaculata</i>	Diptera, Tachinidae		
<i>Eristalis pertinax</i>	Diptera, Syrphidae		
<i>Eumerus strigatus</i>	Diptera, Syrphidae		
<i>Hercostomus germanus</i>	Diptera, Dolichopodidae		
<i>Hybos culiciformis</i>	Diptera, Empididae		
<i>Lycaena phlaeas</i>	Lepidoptera, Lycaenidae		
<i>Maniola jurtina</i>	Lepidoptera, Satyridae		
<i>Melanostoma mellinum</i>	Diptera, Syrphidae		
<i>Meliscaeva auricollis</i>	Diptera, Syrphidae		
<i>Metasyrphus corollae</i>	Diptera, Syrphidae		
<i>Metasyrphus luniger</i>	Diptera, Syrphidae		
<i>Myrmeleotettix maculatus</i>	Orthoptera, Acrididae		
<i>Opomyza germinationis</i>	Diptera, Opomyzidae		
<i>Pachygaster atra</i>	Diptera, Stratiomyidae		
<i>Pherbellia cinerella</i>	Diptera, Sciomyzidae		
<i>Platycyrtus clypeatus sens. str.</i>	Diptera, Syrphidae		
<i>Platycyrtus cyaneus</i>	Diptera, Syrphidae		
<i>Pyronia tithonus</i>	Lepidoptera, Satyridae		
<i>Rhagio lineola</i>	Diptera, Rhagionidae		
<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae		
<i>Sciapus platypterus</i>	Diptera, Dolichopodidae		
<i>Sepsis cynipsea</i>	Diptera, Sepsidae		

Oulton Broad

Grid ref: TM5192
Vice-county(s): East Suffolk
County(s): Suffolk
Status: ISR site

Description

Large coastal lagoon under saline influence.

Visited by: Mr A. Godfrey on 07 JUL 1993.
No. of records: 6

Local

<i>Gonomyia lateralis</i>	Diptera, Tipulidae
<i>Helius flavus</i>	Diptera, Tipulidae

Common

<i>Erioptera fuscipennis</i>	Diptera, Tipulidae
<i>Erioptera lutea f. taenionota</i>	Diptera, Tipulidae
<i>Erioptera maculata</i>	Diptera, Tipulidae
<i>Molophilus obscurus</i>	Diptera, Tipulidae

Oulton Marshes

Grid ref: TM5093
Vice-county(s): East Suffolk
County(s): Suffolk
Status: ISR site & County trust reserve

Description

An area of six small, scattered marshes adjacent to Oulton Broad. A rich flora is present including *Lysimachia vilgaris*, *Menyanthes trifoliata*, *Lathyrus palustris*, *Hottonia palustris* and *Hydrocharis morsus-ranae*. There are also some areas of *Phragmites* swamp. Traditional grazing and dyke clearance is being continued by the Trust under an agreement with Waveney District Council.

Visited by: D.J.Heaver, Dr E.Howe, Dr M.A.Howe, Mr A.Godfrey & Mr J.Mousley on 07 JUL 1993.
No. of records: 21

Local

<i>Nemotelus pantherinus</i>	Diptera, Stratiomyidae
<i>Oxycera irilineata</i>	Diptera, Stratiomyidae
<i>Physocephala rufipes</i>	Diptera, Conopidae
<i>Ptychoptera contaminata</i>	Diptera, Ptychopteridae
<i>Tropidia scita</i>	Diptera, Syrphidae

Common

<i>Asteia amoena</i>	Diptera, Asteiidae
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Dicraeus vagans</i>	Diptera, Chloropidae
<i>Empis livida</i>	Diptera, Empididae
<i>Erioptera fuscipennis</i>	Diptera, Tipulidae
<i>Maniola jurtina</i>	Lepidoptera, Satyridae
<i>Melanomyia nana</i>	Diptera, Rhinophoridae
<i>Norellisoma spinimanum</i>	Diptera, Scathophagidae
<i>Ochlodes venata</i>	Lepidoptera, Hesperidae
<i>Pilaria discicollis</i>	Diptera, Tipulidae
<i>Pyrophaena granditarsa</i>	Diptera, Syrphidae
<i>Terellia ruficauda</i>	Diptera, Tephritidae
<i>Xyphosia miliaria</i>	Diptera, Tephritidae

Unknown

<i>Sciara thomae</i>	Diptera, Sciaridae
----------------------	--------------------

Overstrand Cliffs

Grid ref: TG2341
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site & SSSI

Description

Soft rock coastal cliff of the Cromer Forest Bed Series. Sparsely vegetated with many seepages on cliff face. The construction of sea defences has reduced the interest of this site somewhat. However, those areas with regular land slips still contain an interesting invertebrate fauna. The site is a geological SSSI. Further attempts to stabilise the cliffs should be opposed.

Visited by: Mr D.P.Sumner, Mr L.Gorman, Mr P.L.Th.Beuk & Ms B.Peterek on 10 JUL 1993.
No. of records: 19

Local

Tropidia scita Diptera, Syrphidae

Common

<i>Cheilosia illustrata</i>	Diptera, Syrphidae
<i>Cheilosia pagana</i>	Diptera, Syrphidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Eristalis tenax</i>	Diptera, Syrphidae
<i>Limonia chorea</i>	Diptera, Tipulidae
<i>Limonia nubeculosa</i>	Diptera, Tipulidae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Meliscaeva auricollis</i>	Diptera, Syrphidae
<i>Metasyrphus corollae</i>	Diptera, Syrphidae
<i>Metasyrphus luniger</i>	Diptera, Syrphidae
<i>Molophilus bifidus</i>	Diptera, Tipulidae
<i>Molophilus obscurus</i>	Diptera, Tipulidae
<i>Syrpitta pipiens</i>	Diptera, Syrphidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Tipula lateralis</i>	Diptera, Tipulidae
<i>Tipula oleracea</i>	Diptera, Tipulidae
<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Volucella pellucens</i>	Diptera, Syrphidae

Redgrave and Lopham Fens SSSI

Grid ref: TM0479
Vice-county(s): East Suffolk & East Norfolk
County(s): Suffolk
Status: ISR site, SSSI & County trust reserve

Description

Spring-fed valley fen with zonation from marginal birch woodland to fen grassland dominated by *Molinia caerulea* with *Cirsium dissectum*, *Parnassia palustris*, *Pinguicula vulgaris* and *Schoenus nigricans*. This grades into mixed fen with *Juncus subnodulosus*, *Cladium mariscus*, *Lysimachia vulgaris*, *Lythrum salicaria* and *Filipendula ulmaria*. *Salix* carr is dense and invasive in places. A number of feeder drains from the River Waveney and some small pools are also present.

Visited by: Mr A.E.Stubbs, Mr D.P.Sumner, Mr J.Denton, Mr P.L.Th.Beuk, Mrs E.K.Goldie-Smith & S.M.Crellin on 08 JUL 1993.

No. of records: 70

pRDB3		<i>Melanostoma scalare</i>	Diptera, Syrphidae
		<i>Meliscaeva auricollis</i>	Diptera, Syrphidae
<i>Eutolmus rufibarbis</i>	Diptera, Asilidae	<i>Metasyrphus corollae</i>	Diptera, Syrphidae
		<i>Minettia rivosia</i>	Diptera, Lauxaniidae
Notable/Nb		<i>Myathropa florea</i>	Diptera, Syrphidae
		<i>Nephrotoma flavescens</i>	Diptera, Tipulidae
<i>Ilybius guttiger</i>	Coleoptera, Dytiscidae	<i>Ocydromia glabricula</i>	Diptera, Empididae
<i>Tipula helvola</i>	Diptera, Tipulidae	<i>Opomyza germinationis</i>	Diptera, Opomyzidae
		<i>Pachygaster atra</i>	Diptera, Stratiomyidae
Local		<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
		<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
<i>Cheilosia impressa</i>	Diptera, Syrphidae	<i>Rhagio tringarius</i>	Diptera, Rhagionidae
<i>Cheilosia praecox</i>	Diptera, Syrphidae	<i>Scaptomyza pallida</i>	Diptera, Drosophilidae
<i>Dioctria atricapilla</i>	Diptera, Asilidae	<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Dioctria baumhaueri</i>	Diptera, Asilidae	<i>Syrirta pipiens</i>	Diptera, Syrphidae
<i>Dixella autumnalis</i>	Diptera, Dixidae	<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Neoitamus cyanurus</i>	Diptera, Asilidae	<i>Thereva nobilitata</i>	Diptera, Therevidae
<i>Nephrotoma analis</i>	Diptera, Tipulidae	<i>Tricholauxania praeusta</i>	Diptera, Lauxaniidae
<i>Nephrotoma guestfalica</i>	Diptera, Tipulidae	<i>Trichomyia flavipes</i>	Diptera, Empididae
<i>Oiceoptoma thoracicum</i>	Coleoptera, Silphidae	<i>Verrallia aucta</i>	Diptera, Pipunculidae
<i>Pachygaster leachii</i>	Diptera, Stratiomyidae	<i>Volucella pellucens</i>	Diptera, Syrphidae
<i>Suphrodytes dorsalis</i>	Coleoptera, Dytiscidae		
<i>Tipula cava</i>	Diptera, Tipulidae	Unknown	
<i>Tropidia scita</i>	Diptera, Syrphidae		
<i>Xanthogramma pedissequum</i>	Diptera, Syrphidae	<i>Lyciella platycephala</i>	Diptera, Lauxaniidae
Common			
<i>Asteia amoena</i>	Diptera, Asteiidae		
<i>Beris vallata</i>	Diptera, Stratiomyidae		
<i>Calliopum aeneum</i>	Diptera, Lauxaniidae		
<i>Calliopum simillimum</i>	Diptera, Lauxaniidae		
<i>Cheilosia pagana</i>	Diptera, Syrphidae		
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae		
<i>Chorisops tibialis</i>	Diptera, Stratiomyidae		
<i>Conops flavipes</i>	Diptera, Conopidae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Eristalis arbustorum</i>	Diptera, Syrphidae		
<i>Eristalis pertinax</i>	Diptera, Syrphidae		
<i>Eristalis tenax</i>	Diptera, Syrphidae		
<i>Helophilus pendulus</i>	Diptera, Syrphidae		
<i>Hybos culiciformis</i>	Diptera, Empididae		
<i>Hybos femoratus</i>	Diptera, Empididae		
<i>Ilybius ater</i>	Coleoptera, Dytiscidae		
<i>Ilybius fuliginosus</i>	Coleoptera, Dytiscidae		
<i>Limnophila fulvonervosa</i>	Diptera, Tipulidae		
<i>Machinus atricapillus</i>	Diptera, Asilidae		
<i>Melanostoma mellinum</i>	Diptera, Syrphidae		

Reedham Marshes

Subsite of: Ant Marshes (master site)
Grid ref: TG3619
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site, Public Authority & SSSI

Visited by: Mr I.Perry & Mr R.Crossley on 07 JUL 1993.
No. of records: 13

Notable/Nb

Hercostomus chalybeus Diptera, Dolichopodidae

Local

Dolichocephala irrorata Diptera, Empididae
Dolichopus lepidus Diptera, Dolichopodidae
Dolichopus longitarsis Diptera, Dolichopodidae
Neoascia tenur Diptera, Syrphidae
Nephrotoma analis Diptera, Tipulidae
Pachygaster leachii Diptera, Stratiomyidae

Common

Dolichopus nubilus Diptera, Dolichopodidae
Dolichopus simplex Diptera, Dolichopodidae
Hercostomus aerosus Diptera, Dolichopodidae
Limnophila ferruginea Diptera, Tipulidae
Rhamphomyia nigripennis Diptera, Empididae

Unknown

Asteia concinna Diptera, Asteiidae

Salthouse Heath

Grid ref: TG0742

Vice-county(s): East Norfolk

County(s): Norfolk

Visited by: Dr C.M.Drake, K.Merrifield & Mr M.N.Pugh on 06 JUL 1993.

No. of records: 4

Local

Dioctria baumhaueri

Diptera, Asilidae

Tipula cava

Diptera, Tipulidae

Common

Carabus violaceus

Coleoptera, Carabidae

Sheringham Common

Grid ref: TG1642
 Vice-county(s): East Norfolk
 County(s): Norfolk
 Status: ISR site & SSSI

Description

Heath, meadows, streams, alder carr and spring fed fen with some permanently wet habitats including a pond with *Butomus umbellatus* and *Sagittaria sagittifolia*. Some horse grazing has taken place. Woodland and scrub occurs to the southern end of the site. Gets heavy amenity use, but apart from the dumping of domestic rubbish in the wetter areas, this poses little threat to the invertebrate communities.

Visited by: Mr S.J.Falk on 06 JUL 1993.
 No. of records: 178

RDB K		<i>Xanthogramma pedissequum</i>	Diptera, Syrphidae
<i>Dolichovespula saxonica</i>	Hymenoptera, Vespidae	Common	
Na		<i>Anthidium manicatum</i>	Hymenoptera, Megachilidae
		<i>Beris geniculata</i>	Diptera, Stratiomyidae
<i>Argogorytes fargei</i>	Hymenoptera, Sphecidae	<i>Beris vallata</i>	Diptera, Stratiomyidae
Notable/Nb		<i>Bombus hortorum</i>	Hymenoptera, Apidae
		<i>Bombus lapidarius</i>	Hymenoptera, Apidae
<i>Homoneura tesquae</i>	Diptera, Lauxaniidae	<i>Bombus lucorum</i>	Hymenoptera, Apidae
<i>Nephrocerus flavicornis</i>	Diptera, Pipunculidae	<i>Bombus pascuorum</i>	Hymenoptera, Apidae
<i>Vanomyia tenuicornis</i>	Diptera, Stratiomyidae	<i>Bombus pratorum</i>	Hymenoptera, Apidae
<i>Xylota florum</i>	Diptera, Syrphidae	<i>Bombus terrestris</i>	Hymenoptera, Apidae
Local		<i>Calliopum aeneum</i>	Diptera, Lauxaniidae
		<i>Calliopum simillimum</i>	Diptera, Lauxaniidae
		<i>Calliphora vicina</i>	Diptera, Calliphoridae
<i>Allophora pusilla</i>	Diptera, Tachinidae	<i>Chaetostomella cylindrica</i>	Diptera, Tephritidae
<i>Ammophila sabulosa</i>	Hymenoptera, Sphecidae	<i>Cheilosia illustrata</i>	Diptera, Syrphidae
<i>Andrena coitana</i>	Hymenoptera, Andrenidae	<i>Cheilosia pagana</i>	Diptera, Syrphidae
<i>Andrena denticulata</i>	Hymenoptera, Andrenidae	<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Andrena dorsata</i>	Hymenoptera, Andrenidae	<i>Chorisops tibialis</i>	Diptera, Stratiomyidae
<i>Anomoia purmundus</i>	Diptera, Tephritidae	<i>Chrysogaster solstitialis</i>	Diptera, Syrphidae
<i>Argogorytes mystaceus</i>	Hymenoptera, Sphecidae	<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Campicoeta basalis</i>	Diptera, Diastatidae	<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Cheilosia impressa</i>	Diptera, Syrphidae	<i>Crossocerus megacephalus</i>	Hymenoptera, Sphecidae
<i>Chrysotoxum bicinctum</i>	Diptera, Syrphidae	<i>Crossocerus podagricus</i>	Hymenoptera, Sphecidae
<i>Cordilura albipes</i>	Diptera, Scathophagidae	<i>Dexiosoma caninum</i>	Diptera, Tachinidae
<i>Crabro peltarius</i>	Hymenoptera, Sphecidae	<i>Dolichopus popularis</i>	Diptera, Dolichopodidae
<i>Dioctria baumhaueri</i>	Diptera, Asilidae	<i>Dolichopus unguatus</i>	Diptera, Dolichopodidae
<i>Empis aemula</i>	Diptera, Empididae	<i>Dolichovespula sylvestris</i>	Hymenoptera, Vespidae
<i>Epistrophe grossulariae</i>	Diptera, Syrphidae	<i>Dryomyza analis</i>	Diptera, Dryomyzidae
<i>Helina obscurata</i>	Diptera, Muscidae	<i>Ectemnius cavifrons</i>	Hymenoptera, Sphecidae
<i>Hercostomus chrysozygus</i>	Diptera, Dolichopodidae	<i>Empis livida</i>	Diptera, Empididae
<i>Hercostomus nigripennis</i>	Diptera, Dolichopodidae	<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Herina frondescentiae</i>	Diptera, Otitidae	<i>Eristalis arbustorum</i>	Diptera, Syrphidae
<i>Leptogaster guttiventris</i>	Diptera, Asilidae	<i>Eristalis interrupta</i>	Diptera, Syrphidae
<i>Myoleja caesio</i>	Diptera, Tephritidae	<i>Eristalis intricarius</i>	Diptera, Syrphidae
<i>Neoitamus cyanurus</i>	Diptera, Asilidae	<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae	<i>Eristalis tenax</i>	Diptera, Syrphidae
<i>Oxycera trilineata</i>	Diptera, Stratiomyidae	<i>Eumerus tuberculatus</i>	Diptera, Syrphidae
<i>Pachygaster leachii</i>	Diptera, Stratiomyidae	<i>Hebecnema affinis</i>	Diptera, Muscidae
<i>Paragus haemorrhous</i>	Diptera, Syrphidae	<i>Hebecnema vespertina</i>	Diptera, Muscidae
<i>Phaonia fuscata</i>	Diptera, Muscidae	<i>Helina depuncta</i>	Diptera, Muscidae
<i>Platychirus occultus</i>	Diptera, Syrphidae	<i>Helina duplicata</i>	Diptera, Muscidae
<i>Rivellia syngenesiae</i>	Diptera, Platystomatidae	<i>Helina impuncta</i>	Diptera, Muscidae
<i>Sarcophaga melanura</i>	Diptera, Sarcophagidae	<i>Helina laetifica</i>	Diptera, Muscidae
<i>Sicus ferrugineus</i>	Diptera, Conopidae	<i>Helina setiventris</i>	Diptera, Muscidae
<i>Sphegina clunipes</i>	Diptera, Syrphidae	<i>Hybos culiciformis</i>	Diptera, Empididae
<i>Tropidia scita</i>	Diptera, Syrphidae	<i>Hybos femoratus</i>	Diptera, Empididae
<i>Villa paniscus</i>	Diptera, Bombyliidae	<i>Hydrotaea dentipes</i>	Diptera, Muscidae
		<i>Hydrotaea irritans</i>	Diptera, Muscidae

<i>Lasioglossum leucozonium</i>	Hymenoptera, Halictidae	<i>Trypoxylon attenuatum</i>	Hymenoptera, Sphecidae
<i>Lasioglossum morio</i>	Hymenoptera, Halictidae	<i>Trypoxylon clavicerum</i>	Hymenoptera, Sphecidae
<i>Lindenius albilabris</i>	Hymenoptera, Sphecidae	<i>Urophora jaceana</i>	Diptera, Tephritidae
<i>Lonchoptera lutea</i>	Diptera, Lonchopteridae	<i>Urophora stylata</i>	Diptera, Tephritidae
<i>Lucilia caesar</i>	Diptera, Calliphoridae	<i>Vespula rufa</i>	Hymenoptera, Vespidae
<i>Lyciella decempunctatus</i>	Diptera, Lauxaniidae	<i>Vespula vulgaris</i>	Hymenoptera, Vespidae
<i>Lyciella rorida</i>	Diptera, Lauxaniidae	<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Lyciella subfasciata</i>	Diptera, Lauxaniidae	<i>Volucella pellucens</i>	Diptera, Syrphidae
<i>Megachile willughbiella</i>	Hymenoptera, Megachilidae	<i>Xyphosia miliaria</i>	Diptera, Tephritidae
<i>Melanomya nana</i>	Diptera, Rhinophoridae		
<i>Melanostoma mellinum</i>	Diptera, Syrphidae	Unknown	
<i>Melanostoma scalare</i>	Diptera, Syrphidae	<i>Minettia inusta</i>	Diptera, Lauxaniidae
<i>Merodon equestris</i>	Diptera, Syrphidae	<i>Nowickia ferox</i>	Diptera, Tachinidae
<i>Metasyrphus corollae</i>	Diptera, Syrphidae	<i>Paraxyna misella</i>	Diptera, Tephritidae
<i>Metasyrphus luniger</i>	Diptera, Syrphidae	<i>Pherbellia rozkosnyi</i>	Diptera, Sciomyzidae
<i>Microchrysa polita</i>	Diptera, Stratiomyidae	<i>Protocalliphora azurea</i>	Diptera, Calliphoridae
<i>Minettia lupulina</i>	Diptera, Lauxaniidae	<i>Rhinophora lepida</i>	Diptera, Rhinophoridae
<i>Minettia rivosia</i>	Diptera, Lauxaniidae	<i>Sarcophaga dissimilis</i>	Diptera, Sarcophagidae
<i>Muscina assimilis</i>	Diptera, Muscidae		
<i>Myathropa florea</i>	Diptera, Syrphidae		
<i>Nemopoda nitidula</i>	Diptera, Sepsidae		
<i>Nomada fabriciana</i>	Hymenoptera, Anthophoridae		
<i>Ocyata pallipes</i>	Diptera, Tachinidae		
<i>Opomyza florum</i>	Diptera, Opomyzidae		
<i>Opomyza germinationis</i>	Diptera, Opomyzidae		
<i>Opomyza petrei</i>	Diptera, Opomyzidae		
<i>Pachygaster atra</i>	Diptera, Stratiomyidae		
<i>Palloptera umbellatarum</i>	Diptera, Pallopteridae		
<i>Palloptera ustulata</i>	Diptera, Pallopteridae		
<i>Passaloecus corniger</i>	Hymenoptera, Sphecidae		
<i>Pemphredon lugubris</i>	Hymenoptera, Sphecidae		
<i>Phaonia errans</i>	Diptera, Muscidae		
<i>Phaonia incana</i>	Diptera, Muscidae		
<i>Phaonia pallida</i>	Diptera, Muscidae		
<i>Phaonia perdita</i>	Diptera, Muscidae		
<i>Phaonia populi</i>	Diptera, Muscidae		
<i>Phaonia variegata</i>	Diptera, Muscidae		
<i>Phaonia viarum</i>	Diptera, Muscidae		
<i>Platycheirus angustatus</i>	Diptera, Syrphidae		
<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae		
<i>Platycheirus cyaneus</i>	Diptera, Syrphidae		
<i>Platycheirus peltatus</i>	Diptera, Syrphidae		
<i>Platycheirus scutatus</i>	Diptera, Syrphidae		
<i>Plietes lardaria</i>	Diptera, Muscidae		
<i>Pollenia rudis angustige</i>	Diptera, Calliphoridae		
<i>Psila rosae</i>	Diptera, Psilidae		
<i>Psithyrus bohemicus</i>	Hymenoptera, Apidae		
<i>Psithyrus campestris</i>	Hymenoptera, Apidae		
<i>Psithyrus vestalis</i>	Hymenoptera, Apidae		
<i>Rhagio lineola</i>	Diptera, Rhagionidae		
<i>Rhagio tringarius</i>	Diptera, Rhagionidae		
<i>Sarcophaga carnaria</i>	Diptera, Sarcophagidae		
<i>Sarcophaga haemorrhoea</i>	Diptera, Sarcophagidae		
<i>Sarcophaga incisilobata</i>	Diptera, Sarcophagidae		
<i>Sarcophaga subvicina</i>	Diptera, Sarcophagidae		
<i>Scathophaga furcata</i>	Diptera, Scathophagidae		
<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae		
<i>Schoenomyza litorella</i>	Diptera, Muscidae		
<i>Sciapus platypterus</i>	Diptera, Dolichopodidae		
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae		
<i>Suillia bicolor</i>	Diptera, Heleomyzidae		
<i>Sylvicola cinctus</i>	Diptera, Anisopodidae		
<i>Syrpita pipiens</i>	Diptera, Syrphidae		
<i>Syrphus ribesii</i>	Diptera, Syrphidae		
<i>Syrphus vitripennis</i>	Diptera, Syrphidae		
<i>Tephritis vespertina</i>	Diptera, Tephritidae		
<i>Terellia ruficauda</i>	Diptera, Tephritidae		
<i>Terellia serratulae</i>	Diptera, Tephritidae		
<i>Tetanocera hyalipennis</i>	Diptera, Sciomyzidae		
<i>Thaumatomyia notata</i>	Diptera, Chloropidae		
<i>Thelaira nigripes</i>	Diptera, Tachinidae		
<i>Thereva nobilitata</i>	Diptera, Therevidae		
<i>Thricops diaphanus</i>	Diptera, Muscidae		
<i>Tricholauxania praeusta</i>	Diptera, Lauxaniidae		

Sidestrand Cliffs

Grid ref: TG2540 & TG2739
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site & SSSI

Description

Soft-rock coastal cliffs of the Cromer Forest Bed Series with seepages and a number of landslips. Few plants colonise the unstable areas due to frequent cliff falls, though coltsfoot is the most common species. Many seepages on cliff face. Probably the best soft rock cliff site for invertebrates in East Anglia. The site is a geological SSSI. Continued erosion by the cliff seepages is essential in maintaining conditions suitable for the invertebrate community.

Visited by: D.J.Heaver, Dr E.Howe, Dr M.A.Howe, Mr A.Godfrey & Mr J.Mousley on 08 JUL 1993.
No. of records: 19

Notable/Nb

Stratiomys potamida Diptera, Stratiomyidae

Local

Gorytes tumidus Hymenoptera, Sphecidae
Lasioglossum leucopum Hymenoptera, Halictidae
Oxycera rara Diptera, Stratiomyidae

Common

Chrysopilus cristatus Diptera, Rhagionidae
Crossocerus quadrimaculatus Hymenoptera, Sphecidae
Episyrphus balteatus Diptera, Syrphidae
Erioptera stictica Diptera, Tipulidae
Maniola jurtina Lepidoptera, Satyridae
Molophilus obscurus Diptera, Tipulidae
Nephrotoma flavescens Diptera, Tipulidae
Ochlodes venata Lepidoptera, Hesperiidae
Polyommatus icarus Lepidoptera, Lycaenidae
Rhagio lineola Diptera, Rhagionidae
Tipula lateralis Diptera, Tipulidae
Tipula oleracea Diptera, Tipulidae

Snotesham Common

Grid ref: TG2300 & TM2499
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Mr A.E.Stubbs on 10 JUL 1993.
No. of records: 33

pRDB3

Urophora solstitialis Diptera, Tephritidae

Local

Gonomyia lateralis Diptera, Tipulidae
Oxycera nigricornis Diptera, Stratiomyidae
Physocephala rufipes Diptera, Conopidae
Tipula pruinosa Diptera, Tipulidae

Common

Beris vallata Diptera, Stratiomyidae
Cheilosia proxima Diptera, Syrphidae
Cheilosia vernalis Diptera, Syrphidae
Chloromyia formosa Diptera, Stratiomyidae
Chrysopilus asiliformis Diptera, Rhagionidae
Chrysopilus cristatus Diptera, Rhagionidae
Episyrphus balteatus Diptera, Syrphidae
Erioptera fusculeta Diptera, Tipulidae
Eristalis interrupta Diptera, Syrphidae
Lejogaster metallina Diptera, Syrphidae
Melanostoma mellinum Diptera, Syrphidae
Metasyrphus corollae Diptera, Syrphidae
Pachygaster atra Diptera, Stratiomyidae
Platycheirus clypeatus sens. str. Diptera, Syrphidae
Platycheirus cyaneus Diptera, Syrphidae
Rhagio lineola Diptera, Rhagionidae
Sphaerophoria scripta Diptera, Syrphidae
Sylvicola punctatus Diptera, Anisopodidae
Syritta pipiens Diptera, Syrphidae
Syrphus ribesii Diptera, Syrphidae
Syrphus vitripennis Diptera, Syrphidae
Tipula lateralis Diptera, Tipulidae
Urophora stylata Diptera, Tephritidae

Unknown

Empis tumida Diptera, Empididae

Southrepps Common

Grid ref: TG261356
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site & Common land

Description

Meadow with wet flushes and some *Salix* carr, bordered by broom and hawthorn scrub with growth of bracken.

Visited by: Mr M.N.Pugh, Mr P.Grainger & Mrs M.J.Morgan on 08 JUL 1993.
No. of records: 8

Notable/Nb

Xylota florum Diptera, Syrphidae

Local

Gonomyia lateralis Diptera, Tipulidae
Herina frondescentiae Diptera, Otitidae
Oxycera nigricornis Diptera, Stratiomyidae
Pedicia rivosa Diptera, Tipulidae

Common

Beris vallata Diptera, Stratiomyidae
Molophilus bifidus Diptera, Tipulidae
Sphaerophoria scripta Diptera, Syrphidae

Strumpshaw Marsh

Grid ref: TG3306
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site, RSPB reserve & SSSI

Description

Range of Broadland habitats including open water, reed fen, sallow and alder carr, and grazing fen with ditches. Flora includes *Lathyrus palustris*, *Ranunculus lingua* and *Lyismachia vulgaris*. Rotational management is carried out by the RSPB. This includes ditching, mowing, coppicing and grazing. Embankments by the river are maintained and improved to prevent flooding by the polluted (nutrient enriched) water. There is some invasion by willowherb and nettles in places and carr is also spreading.

Visited by: Dr C.M.Drake, Dr K.Porter Mr A.E.Stubbs & Mrs E.K.Goldie-Smith on 05 JUL 1993. Mr R.Crossley on 06 JUL 1993.
No. of records: 153

RDB3		<i>Neoascia tenur</i>	Diptera, Syrphidae
		<i>Nephrotoma guestfalica</i>	Diptera, Tipulidae
<i>Anasimyia interpuncta</i>	Diptera, Syrphidae	<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae
		<i>Pachygaster leachii</i>	Diptera, Stratiomyidae
pRDB3		<i>Parhelophilus frutetorum</i>	Diptera, Syrphidae
		<i>Parhelophilus versicolor</i>	Diptera, Syrphidae
<i>Limonia danica</i>	Diptera, Tipulidae	<i>Platychirus occultus</i>	Diptera, Syrphidae
<i>Ochthera manicata</i>	Diptera, Ephydriidae	<i>Platypalpus pallidicornis</i>	Diptera, Empididae
		<i>Ptychoptera contaminata</i>	Diptera, Ptychopteridae
Na		<i>Pyrophæna rosarum</i>	Diptera, Syrphidae
		<i>Strangalia maculata</i>	Coleoptera, Cerambycidae
<i>Macropis europæa</i>	Hymenoptera, Melittidae	<i>Tropidia scita</i>	Diptera, Syrphidae
		<i>Xylota sylvorum</i>	Diptera, Syrphidae
Notable/Nb		Common	
<i>Lejogaster splendida</i>	Diptera, Syrphidae	<i>Baccha elongata</i>	Diptera, Syrphidae
<i>Limonia inusta</i>	Diptera, Tipulidae	<i>Beris geniculata</i>	Diptera, Stratiomyidae
<i>Neoascia interrupta</i>	Diptera, Syrphidae	<i>Beris vallata</i>	Diptera, Stratiomyidae
<i>Odontomyia tigrina</i>	Diptera, Stratiomyidae	<i>Bicellaria vana</i>	Diptera, Empididae
<i>Psacadina verbekei</i>	Diptera, Sciomyzidae	<i>Cheilosia pagana</i>	Diptera, Syrphidae
<i>Stratiomys singularior</i>	Diptera, Stratiomyidae	<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Xanthandrus comtus</i>	Diptera, Syrphidae	<i>Chrysogaster solstitialis</i>	Diptera, Syrphidae
Local		<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
		<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Agapanthia villosoviridescens</i>	Coleoptera, Cerambycidae	<i>Chrysotus gramineus</i>	Diptera, Dolichopodidae
<i>Anasimyia lineata</i>	Diptera, Syrphidae	<i>Dixa nebulosa</i>	Diptera, Dixidae
<i>Anasimyia transfuga</i>	Diptera, Syrphidae	<i>Dixella amphibia</i>	Diptera, Dixidae
<i>Argyra vestita</i>	Diptera, Dolichopodidae	<i>Dolichopus popularis</i>	Diptera, Dolichopodidae
<i>Chalcosyrphus nemorum</i>	Diptera, Syrphidae	<i>Dolichopus unguatus</i>	Diptera, Dolichopodidae
<i>Chrysotimus molliculus</i>	Diptera, Dolichopodidae	<i>Elgiva sollicita</i>	Diptera, Sciomyzidae
<i>Cordilura ciliata</i>	Diptera, Scathophagidae	<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Diaphorus oculatus</i>	Diptera, Dolichopodidae	<i>Eristalis interrupta</i>	Diptera, Syrphidae
<i>Dixella autumnalis</i>	Diptera, Dixidae	<i>Eristalis intricarius</i>	Diptera, Syrphidae
<i>Dolichopus picipes</i>	Diptera, Dolichopodidae	<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Erioptera gemina</i>	Diptera, Tipulidae	<i>Eristalis tenax</i>	Diptera, Syrphidae
<i>Eristalinus sepulchralis</i>	Diptera, Syrphidae	<i>Helius longirostris</i>	Diptera, Tipulidae
<i>Euthycera fumigata</i>	Diptera, Sciomyzidae	<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Helophilus hybridus</i>	Diptera, Syrphidae	<i>Hybomitra distinguenda</i>	Diptera, Tabanidae
<i>Helophilus trivittatus</i>	Diptera, Syrphidae	<i>Hybos femoratus</i>	Diptera, Empididae
<i>Hercostomus chrysozygus</i>	Diptera, Dolichopodidae	<i>Ilione albiseta</i>	Diptera, Sciomyzidae
<i>Herina frondescentiae</i>	Diptera, Otitidae	<i>Limnophila ferruginea</i>	Diptera, Tipulidae
<i>Hilara lurida</i>	Diptera, Empididae	<i>Limnophila fulvovervosa</i>	Diptera, Tipulidae
<i>Hydrophorus balticus</i>	Diptera, Dolichopodidae	<i>Limonia chorea</i>	Diptera, Tipulidae
<i>Metasyrphus latifasciatus</i>	Diptera, Syrphidae	<i>Limonia macrostigma</i>	Diptera, Tipulidae
<i>Myoleja caesia</i>	Diptera, Tephritidae	<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Nemotelus nigrinus</i>	Diptera, Stratiomyidae	<i>Melanostoma scalare</i>	Diptera, Syrphidae
<i>Nemotelus notatus</i>	Diptera, Stratiomyidae	<i>Meliscaeva auricollis</i>	Diptera, Syrphidae
<i>Nemotelus pantherinus</i>	Diptera, Stratiomyidae		

<i>Molophilus medius</i>	Diptera, Tipulidae
<i>Myathropa florea</i>	Diptera, Syrphidae
<i>Neosascia podagrica</i>	Diptera, Syrphidae
<i>Pachygaster atra</i>	Diptera, Stratiomyidae
<i>Palloptera ustulata</i>	Diptera, Pallopteridae
<i>Pherbellia albocostata</i>	Diptera, Sciomyzidae
<i>Pherbina coryleti</i>	Diptera, Sciomyzidae
<i>Pilaria discicollis</i>	Diptera, Tipulidae
<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
<i>Platycheirus scutatus</i>	Diptera, Syrphidae
<i>Platypalpus longisetus</i>	Diptera, Empididae
<i>Poecilobothrus nobilitatus</i>	Diptera, Dolichopodidae
<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Rhagio scolopacea</i>	Diptera, Rhagionidae
<i>Rhagio tringarius</i>	Diptera, Rhagionidae
<i>Rhamphomyia flava</i>	Diptera, Empididae
<i>Rhamphomyia nigripennis</i>	Diptera, Empididae
<i>Sciapus platypterus</i>	Diptera, Dolichopodidae
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Syrpita pipiens</i>	Diptera, Syrphidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Tephritis bardanae</i>	Diptera, Tephritidae
<i>Terellia ruficauda</i>	Diptera, Tephritidae
<i>Tetanocera elata</i>	Diptera, Sciomyzidae
<i>Thereva nobilitata</i>	Diptera, Therevidae
<i>Trichina clavipes</i>	Diptera, Empididae
<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Volucella pellucens</i>	Diptera, Syrphidae
<i>Xylota segnis</i>	Diptera, Syrphidae
<i>Xyphosia miliaria</i>	Diptera, Tephritidae

Surlingham Broad

Subsite of: Surlingham Marshes
Grid ref: TG3207
Vice-county(s): East Norfolk
County(s): Norfolk
Status: SSSI, RSPB reserve & County trust reserve

Description

Norfolk Naturalists Trust and RSPB reserve. Broad, now almost completely grown over with *Phragmites* and willow carr.

Visited by: Dr D.A. Sheppard & Dr S.G. Ball on 08 JUL 1993.
No. of records: 14

Local

<i>Anasimyia transfuga</i>	Diptera, Syrphidae
<i>Galerucella californiensis</i>	Coleoptera, Chrysomelidae
<i>Halyzia sedecimguttata</i>	Coleoptera, Coccinellidae
<i>Orthetrum cancellatum</i>	Odonata, Libellulidae

Common

<i>Anthocoris nemorum</i>	Hemiptera, Cimicidae
<i>Aphrophora alni</i>	Hemiptera, Cercopidae
<i>Blennocampa pusilla</i>	Hymenoptera, Tenthredinidae
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Eristalis intricarius</i>	Diptera, Syrphidae
<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Ischnura elegans</i>	Odonata, Coenagrionidae
<i>Philaenus spumarius</i>	Hemiptera, Cercopidae
<i>Phyllodecta vitellinae</i>	Coleoptera, Chrysomelidae

Swaffham Heath Rifle Range

Grid ref: TF8006
Vice-county(s): West Norfolk
County(s): Norfolk

Description

Strip of breck grassland on the site of a disused rifle range. Rather rank and with bracken and hawthorn invasions coming in from the edges.

Visited by: Dr S.G. Ball on 04 JUL 1993.
No. of records: 16

Local

<i>Dysmachus trigonus</i>	Diptera, Asilidae
<i>Physiphora alceae</i>	Diptera, Otitidae

Common

<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Inachis io</i>	Lepidoptera, Nymphalidae
<i>Maniola jurtina</i>	Lepidoptera, Satyridae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Metasyrphus corollae</i>	Diptera, Syrphidae
<i>Minettia lupulina</i>	Diptera, Lauxaniidae
<i>Ochlodes venata</i>	Lepidoptera, Hesperidae
<i>Pherbellia cinerella</i>	Diptera, Sciomyzidae
<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Tyria jacobaeae</i>	Lepidoptera, Arctiidae
<i>Xyphostia miliaria</i>	Diptera, Tephritidae

Swangey Fen

Grid ref: TM0193
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site, Private owner & SSSI

Description

Owned by Otter Trust.

Visited by: Mr A.E.Stubbs & Mr J.Mousley on 10 JUL 1993.
No. of records: 22

Notable/Nb

Tipula helvola Diptera, Tipulidae

Local

Limonia stigma Diptera, Tipulidae

Nephrotoma guestfalica Diptera, Tipulidae

Tipula nigra Diptera, Tipulidae

Common

Austrolimnophila ochracea Diptera, Tipulidae

Baccha elongata Diptera, Syrphidae

Cheilosia proxima Diptera, Syrphidae

Chloromyia formosa Diptera, Stratiomyidae

Chrysopilus asiliformis Diptera, Rhagionidae

Chrysopilus cristatus Diptera, Rhagionidae

Episyrphus balteatus Diptera, Syrphidae

Eristalis pertinax Diptera, Syrphidae

Limnophila nemoralis agg. Diptera, Tipulidae

Limonia dumetorum Diptera, Tipulidae

Melanostoma scalare Diptera, Syrphidae

Nephrotoma quadrifaria Diptera, Tipulidae

Platycheirus clypeatus sens. str. Diptera, Syrphidae

Pyrophaena granditarsa Diptera, Syrphidae

Rhagio lineola Diptera, Rhagionidae

Sphaerophoria scripta Diptera, Syrphidae

Syrphus ribesii Diptera, Syrphidae

Tipula fascipennis Diptera, Tipulidae

Swanington

Grid ref: TG1418
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Mr M.N.Pugh on 10 JUL 1993.
No. of records: 2

Local

Tipula cava Diptera, Tipulidae

Common

Limonia quadrinotata Diptera, Tipulidae

Thompson Common

Grid ref: TL9395
Vice-county(s): West Norfolk
County(s): Norfolk
Status: ISR site, SSSI & County trust reserve

Description

Contains the highest number of ground-ice depressions of all the Breckland pingo systems. Many of these retain water throughout the year and have a rich aquatic flora including *Hottonia palustris* and *Hippuris vulgaris*, there are also seasonally dry hollows. Damp herb-rich grassland is also present and in places this grades into floristically diverse short fen plant communities with *Menyanthes trifoliata*, *Carex panicea* and *Eriophorum angustifolium*. Scattered areas of tall fen has developed in some and contains *Phragmites*, *Cladium*, *Peucedanum palustre* and *Carex paniculata*. Carr and woodland are also present. One of the best aquatic invertebrate sites in the country. Grazing by ponies seems to have benefited the fauna. Although the open shallow pingo depressions seem to contain the richest and most valuable invertebrate communities, it is important to retain some shaded pools and dense carr for other elements of the fauna. The drier habitats are less well studied, but are also known to contain national rarities.

Visited by: Mr I.Perry on 04 JUL 1993. D.J.Heaver, Dr E.Howe, Dr M.A.Howe, Mr A.Godfrey, Mr J.Mousley & Mr P.J.Hodge on 06 JUL 1993. Mr D.P.Sumner & Mr P.L.Th.Beuk on 08 JUL 1993.
No. of records: 132

RDB1		<i>Nemotelus pantherinus</i>	Diptera, Stratiomyidae
		<i>Neoitamus cyanurus</i>	Diptera, Asilidae
<i>Odontomyia angulata</i>	Diptera, Stratiomyidae	<i>Oplodontha viridula</i>	Diptera, Stratiomyidae
		<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae
RDB2		<i>Oxycera rara</i>	Diptera, Stratiomyidae
		<i>Oxycera trilineata</i>	Diptera, Stratiomyidae
<i>Lestes dryas</i>	Odonata, Lestidae	<i>Parhelophilus versicolor</i>	Diptera, Syrphidae
		<i>Peplomyza litura</i>	Diptera, Lauxaniidae
RDB3		<i>Physocephala rufipes</i>	Diptera, Conopidae
		<i>Ptychoptera minuta</i>	Diptera, Ptychopteridae
<i>Anasimyia interpuncta</i>	Diptera, Syrphidae	<i>Pyrophaena rosarum</i>	Diptera, Syrphidae
		<i>Sapromyza sexpunctata</i>	Diptera, Lauxaniidae
pRDB3		<i>Sepedon sphegea</i>	Diptera, Sciomyzidae
		<i>Sepedon spinipes</i>	Diptera, Sciomyzidae
<i>Eutolmus rufibarbis</i>	Diptera, Asilidae	<i>Sicus ferrugineus</i>	Diptera, Conopidae
		<i>Sphaerophoria interrupta</i>	Diptera, Syrphidae
Notable/Nb		<i>Sphinx ligustri</i>	Lepidoptera, Sphingidae
		<i>Tipula nigra</i>	Diptera, Tipulidae
<i>Hercostomus chalybeus</i>	Diptera, Dolichopodidae	<i>Tipula solstitialis</i>	Diptera, Tipulidae
<i>Odontomyia tigrina</i>	Diptera, Stratiomyidae	<i>Trigonometopus frontalis</i>	Diptera, Lauxaniidae
<i>Stratiomys singularior</i>	Diptera, Stratiomyidae		
<i>Syncopacma sangiella</i>	Lepidoptera, Gelechiidae		
		Common	
Local		<i>Anax imperator</i>	Odonata, Aeshnidae
		<i>Austrolimnophila ochracea</i>	Diptera, Tipulidae
<i>Anasimyia contracta</i>	Diptera, Syrphidae	<i>Beris vallata</i>	Diptera, Stratiomyidae
<i>Anasimyia lineata</i>	Diptera, Syrphidae	<i>Calliopum aeneum</i>	Diptera, Lauxaniidae
<i>Anomoia purmundus</i>	Diptera, Tephritidae	<i>Calliopum simillimum</i>	Diptera, Lauxaniidae
<i>Chrysotoxum bicinctum</i>	Diptera, Syrphidae	<i>Cheilosia pagana</i>	Diptera, Syrphidae
<i>Cordilura pudica</i>	Diptera, Scathophagidae	<i>Cheilosia vernalis</i>	Diptera, Syrphidae
<i>Eristalinus sepulchralis</i>	Diptera, Syrphidae	<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Gonomyia lateralis</i>	Diptera, Tipulidae	<i>Chorisops tibialis</i>	Diptera, Stratiomyidae
<i>Gonomyia recta</i>	Diptera, Tipulidae	<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Helophilus hybridus</i>	Diptera, Syrphidae	<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Hilara lurida</i>	Diptera, Empididae	<i>Drosophila subobscura</i>	Diptera, Drosophilidae
<i>Hybomitra bimaculata</i>	Diptera, Tabanidae	<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Hybomitra montana</i>	Diptera, Tabanidae	<i>Eristalis intricarius</i>	Diptera, Syrphidae
<i>Ladoga camilla</i>	Lepidoptera, Nymphalidae	<i>Fannia armata</i>	Diptera, Fanniidae
<i>Leptogaster guttiventris</i>	Diptera, Asilidae	<i>Hilara litorea</i>	Diptera, Empididae
<i>Megaphthalma pallida</i>	Diptera, Scathophagidae	<i>Hybomitra distinguenda</i>	Diptera, Tabanidae
<i>Myoleja caesia</i>	Diptera, Tephritidae	<i>Hybos culiciformis</i>	Diptera, Empididae
<i>Nemotelus nigrinus</i>	Diptera, Stratiomyidae	<i>Hybos femoratus</i>	Diptera, Empididae

Thursford Wood

Grid ref: TF9733
Vice-county(s): West Norfolk
County(s): Norfolk
Status: County trust reserve

Description

Small (10Ha) wood managed by Norfolk Naturalist Trust since 1953. According to their leaflet the area was once wood pasture and there are large old, oak, ash and field maple pollards. Ground flora dominated by bracken and bramble. Quite a lot of conifer in some patches. Two small ponds, one formed by damming the River Stiffkey which runs through the western edge of the site.

Visited by: Dr S.G.Ball, K.Merrifield & Mrs M.J.Morgan on 10 JUL 1993.
No. of records: 45

Notable/Nb			
<i>Laphria marginata</i>	Diptera, Asilidae	<i>Cerajocera tussilaginis</i>	Diptera, Tephritidae
		<i>Lyciella platycephala</i>	Diptera, Lauxaniidae
		<i>Xanthochlorus luridus</i>	Diptera, Dolichopodidae
Local			
<i>Dolichopus longicornis</i>	Diptera, Dolichopodidae		
<i>Gonomyia lateralis</i>	Diptera, Tipulidae		
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae		
<i>Peplomyza litura</i>	Diptera, Lauxaniidae		
Common			
<i>Austrolimnophila ochracea</i>	Diptera, Tipulidae		
<i>Callipum simillimum</i>	Diptera, Lauxaniidae		
<i>Calobata petronella</i>	Diptera, Micropezidae		
<i>Campsicnemus scambus</i>	Diptera, Dolichopodidae		
<i>Dolichopus popularis</i>	Diptera, Dolichopodidae		
<i>Dolichopus unguatus</i>	Diptera, Dolichopodidae		
<i>Empis livida</i>	Diptera, Empididae		
<i>Enallagma cyathigerum</i>	Odonata, Coenagrionidae		
<i>Episyrphus balteatus</i>	Diptera, Syrphidae		
<i>Erioptera stictica</i>	Diptera, Tipulidae		
<i>Eristalis intricarius</i>	Diptera, Syrphidae		
<i>Hybos culiciformis</i>	Diptera, Empididae		
<i>Leptophyes punctatissima</i>	Orthoptera, Phaneropteridae		
<i>Limnophila fulvonervosa</i>	Diptera, Tipulidae		
<i>Limonia dumetorum</i>	Diptera, Tipulidae		
<i>Limonia nubeculosa</i>	Diptera, Tipulidae		
<i>Lyciella rorida</i>	Diptera, Lauxaniidae		
<i>Maniola jurtina</i>	Lepidoptera, Satyridae		
<i>Meconema thalassinum</i>	Orthoptera, Meconematidae		
<i>Melanostoma scalare</i>	Diptera, Syrphidae		
<i>Molophilus medius</i>	Diptera, Tipulidae		
<i>Myathropa florea</i>	Diptera, Syrphidae		
<i>Phytosciara flavipes</i>	Diptera, Sciaridae		
<i>Pilaria discicollis</i>	Diptera, Tipulidae		
<i>Platycheirus cyaneus</i>	Diptera, Syrphidae		
<i>Platycheirus scutatus</i>	Diptera, Syrphidae		
<i>Ptychoptera albimana</i>	Diptera, Ptychopteridae		
<i>Rhagio lineola</i>	Diptera, Rhagionidae		
<i>Rhamphomyia flava</i>	Diptera, Empididae		
<i>Rhingia campestris</i>	Diptera, Syrphidae		
<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae		
<i>Sepsis flavimana</i>	Diptera, Sepsidae		
<i>Syrphus ribesii</i>	Diptera, Syrphidae		
<i>Tricholauxania praeusta</i>	Diptera, Lauxaniidae		
<i>Volucella pellucens</i>	Diptera, Syrphidae		
<i>Xylota segnis</i>	Diptera, Syrphidae		

Unknown

<i>Ilione albiseta</i>	Diptera, Sciomyzidae
<i>Ischnodemus sabuleti</i>	Hemiptera, Lygaeidae
<i>Limnia paludicola</i>	Diptera, Sciomyzidae
<i>Limnophila ferruginea</i>	Diptera, Tipulidae
<i>Limonia macrostigma</i>	Diptera, Tipulidae
<i>Lyciella rorida</i>	Diptera, Lauxaniidae
<i>Maniola jurtina</i>	Lepidoptera, Satyridae
<i>Minettia rivosia</i>	Diptera, Lauxaniidae
<i>Molophilus obscurus</i>	Diptera, Tipulidae
<i>Nephrotoma flavescens</i>	Diptera, Tipulidae
<i>Opomyza florum</i>	Diptera, Opomyzidae
<i>Opomyza germinationis</i>	Diptera, Opomyzidae
<i>Pachygaster atra</i>	Diptera, Stratiomyidae
<i>Pherbina coryleti</i>	Diptera, Sciomyzidae
<i>Pipunculus campestris</i>	Diptera, Pipunculidae
<i>Pyrophaena granditarsa</i>	Diptera, Syrphidae
<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Rhamphomyia flava</i>	Diptera, Empididae
<i>Rhamphomyia nigripennis</i>	Diptera, Empididae
<i>Scaptomyza pallida</i>	Diptera, Drosophilidae
<i>Schoenomyza litorella</i>	Diptera, Muscidae
<i>Sciapus platypterus</i>	Diptera, Dolichopodidae
<i>Suillia variegata</i>	Diptera, Heleomyzidae
<i>Syrpitta pipiens</i>	Diptera, Syrphidae
<i>Terellia ruficauda</i>	Diptera, Tephritidae
<i>Tetanocera silvatica</i>	Diptera, Sciomyzidae
<i>Thereva nobilitata</i>	Diptera, Therevidae
<i>Tipula fascipennis</i>	Diptera, Tipulidae
<i>Tricholauxania praeusta</i>	Diptera, Lauxaniidae
<i>Urophora cardui</i>	Diptera, Tephritidae
<i>Xyphosia miliaria</i>	Diptera, Tephritidae

Unknown

<i>Drosophila hydei</i>	Diptera, Drosophilidae
<i>Hilara fuscipes</i>	Diptera, Empididae
<i>Leptopeza flavipes</i>	Diptera, Empididae
<i>Lyciella platycephala</i>	Diptera, Lauxaniidae
<i>Minettia inusta</i>	Diptera, Lauxaniidae
<i>Trypeta artemisiae</i>	Diptera, Tephritidae

Titchwell

Grid ref: TF7444
Vice-county(s): West Norfolk
County(s): Norfolk
Status: ISR site, SSSI & RSPB reserve

Description

Saltmarsh with *Aster tripolium*, *Salicornia ramosissima*, *Suaeda maritima* and *Halimione portulacoides*, also contains freshwater and brackish pools, tidal reed beds, shingle spit and foreshore with *Honkenya peploides*, *Salsola kali* and *Agropyron*.

Visited by: A.Wass, Mr A.J.Halstead & Mr M.Parker on 07 JUL 1993.
No. of records: 9

Local

<i>Nemotelus notatus</i>	Diptera, Stratiomyidae
<i>Nemotelus uliginosus</i>	Diptera, Stratiomyidae
<i>Philonicus albiceps</i>	Diptera, Asilidae
<i>Sphaerophoria rueppellii</i>	Diptera, Syrphidae
<i>Tropidia scita</i>	Diptera, Syrphidae

Common

<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Haematopota pluvialis</i>	Diptera, Tabanidae
<i>Nephrotoma flavescens</i>	Diptera, Tipulidae
<i>Thereva nobilitata</i>	Diptera, Therevidae

Upton Broad and Marshes SSSI

Grid ref: TG3813
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site, SSSI, County trust reserve & Private owner

Description

A spring-fed Broad, low in nutrients and base-rich. Surrounded by *Cladium* swamp with *Typha angustifolia*, *T. latifolia*, *Schoenoplectus lacustris*, *Phragmites australis* and *Carex paniculata*. *Ranunculus lingua* and *Peucedanum palustre* are also present. *Myrica* scrub and alder carr has developed in places. Grazing levels are also present and the dyke system has a very rich flora including *Stratiotes aloides*, *Butomus umbellatus* and *Sium latifolium*. Partly owned and managed by the Norfolk Naturalists' Trust to maintain both open fen and carr communities. The grazing levels which lie outside of the Trust reserve are also of high entomological interest.

Visited by: Mr A.E.Stubbs Mr A.J.Halstead & Mr M.Parker on 05 JUL 1993. Mr I.Perry & Mr R.Crossley on 07 JUL 1993. A.Wass on 10 JUL 1993.

No. of records: 166

RDB1		<i>Pachygaster leachii</i>	Diptera, Stratiomyidae
		<i>Platycheirus fulviventris</i>	Diptera, Syrphidae
<i>Aeshna isosceles</i>	Odonata, Aeshnidae	<i>Platycheirus occultus</i>	Diptera, Syrphidae
		<i>Ptychoptera minuta</i>	Diptera, Ptychopteridae
RDB2		<i>Pyrophæna rosarum</i>	Diptera, Syrphidae
		<i>Sicus ferrugineus</i>	Diptera, Conopidae
<i>Erioptera mejerei</i>	Diptera, Tipulidae	<i>Tropidia scita</i>	Diptera, Syrphidae
		<i>Xanthogramma pedissequum</i>	Diptera, Syrphidae
Na			
<i>Plateumaris braccata</i>	Coleoptera, Chrysomelidae		
Notable/Nb		Common	
		<i>Argyra leucocephala</i>	Diptera, Dolichopodidae
		<i>Austrolimnophila ochracea</i>	Diptera, Tipulidae
<i>Hercostomus chalybeus</i>	Diptera, Dolichopodidae	<i>Baccha elongata</i>	Diptera, Syrphidae
<i>Limonia ventralis</i>	Diptera, Tipulidae	<i>Beris chalybata</i>	Diptera, Stratiomyidae
<i>Molophilus bihamatus</i>	Diptera, Tipulidae	<i>Beris vallata</i>	Diptera, Stratiomyidae
<i>Oxycera morrisii</i>	Diptera, Stratiomyidae	<i>Campsicnemus curvipes</i>	Diptera, Stratiomyidae
<i>Psacadina verbekei</i>	Diptera, Sciomyzidae	<i>Campsicnemus scambus</i>	Diptera, Dolichopodidae
<i>Syntormon spicatus</i>	Diptera, Dolichopodidae	<i>Cheilosia illustrata</i>	Diptera, Syrphidae
<i>Xylota florum</i>	Diptera, Syrphidae	<i>Cheilosia pagana</i>	Diptera, Syrphidae
		<i>Cheilosia vernalis</i>	Diptera, Syrphidae
Local		<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
		<i>Chorisops tibialis</i>	Diptera, Stratiomyidae
<i>Anasimyia lineata</i>	Diptera, Syrphidae	<i>Chrysogaster solstitialis</i>	Diptera, Syrphidae
<i>Anepsimyia flaviventris</i>	Diptera, Dolichopodidae	<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Cheilosia impressa</i>	Diptera, Syrphidae	<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Clusiodes albimana</i>	Diptera, Clusiidae	<i>Chrysotus gramineus</i>	Diptera, Dolichopodidae
<i>Cordilura albipes</i>	Diptera, Scathophagidae	<i>Dolichopus atripes</i>	Diptera, Dolichopodidae
<i>Criorhina berberina</i>	Diptera, Syrphidae	<i>Dolichopus festivus</i>	Diptera, Dolichopodidae
<i>Dolichopeza albipes</i>	Diptera, Tipulidae	<i>Dolichopus popularis</i>	Diptera, Dolichopodidae
<i>Dolichopus longitarsis</i>	Diptera, Dolichopodidae	<i>Dolichopus unguatus</i>	Diptera, Dolichopodidae
<i>Dolichopus picipes</i>	Diptera, Dolichopodidae	<i>Dolichopus urbanus</i>	Diptera, Dolichopodidae
<i>Gonomyia lateralis</i>	Diptera, Tipulidae	<i>Empis aestiva</i>	Diptera, Empididae
<i>Helophilus hybridus</i>	Diptera, Syrphidae	<i>Empis grisea</i>	Diptera, Empididae
<i>Helophilus trivittatus</i>	Diptera, Syrphidae	<i>Empis livida</i>	Diptera, Empididae
<i>Hercostomus nanus</i>	Diptera, Dolichopodidae	<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Hilara lurida</i>	Diptera, Empididae	<i>Erioptera fuscipennis</i>	Diptera, Tipulidae
<i>Leptopygma fuliformis</i>	Diptera, Scathophagidae	<i>Erioptera stricta</i>	Diptera, Tipulidae
<i>Metasyrphus latifasciatus</i>	Diptera, Syrphidae	<i>Eristalis arbustorum</i>	Diptera, Syrphidae
<i>Myoleja caesia</i>	Diptera, Tephritidae	<i>Eristalis intricarius</i>	Diptera, Syrphidae
<i>Neoscia tenax</i>	Diptera, Syrphidae	<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Oedalea flavipes</i>	Diptera, Empididae	<i>Eristalis tenax</i>	Diptera, Syrphidae
<i>Orthoneura viridula</i>	Diptera, Stratiomyidae	<i>Fannia armata</i>	Diptera, Fanniidae
<i>Orthoneura splendens</i>	Diptera, Syrphidae	<i>Helius longirostris</i>	Diptera, Tipulidae
<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae	<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Oxycera trilineata</i>	Diptera, Stratiomyidae	<i>Hercostomus metallicus</i>	Diptera, Dolichopodidae
		<i>Hybos culiciformis</i>	Diptera, Empididae

<i>Hybos femoratus</i>	Diptera, Empididae
<i>Leucozona laternaria</i>	Diptera, Syrphidae
<i>Leucozona lucorum</i>	Diptera, Syrphidae
<i>Limnophila fulvonervosa</i>	Diptera, Tipulidae
<i>Limnophila nemoralis</i> agg.	Diptera, Tipulidae
<i>Limonia duplicata</i>	Diptera, Tipulidae
<i>Limonia macrostigma</i>	Diptera, Tipulidae
<i>Lyciella decempunctatus</i>	Diptera, Lauxaniidae
<i>Macrocera vittata</i>	Diptera, Mycetophilidae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Melanostoma scalare</i>	Diptera, Syrphidae
<i>Meliscaeva auricollis</i>	Diptera, Syrphidae
<i>Metasyrphus luniger</i>	Diptera, Syrphidae
<i>Microchrysa polita</i>	Diptera, Stratiomyidae
<i>Molophilus appendiculatus</i>	Diptera, Tipulidae
<i>Molophilus bifidus</i>	Diptera, Tipulidae
<i>Molophilus medius</i>	Diptera, Tipulidae
<i>Neoascia podagrica</i>	Diptera, Syrphidae
<i>Ocydromia glabricula</i>	Diptera, Empididae
<i>Pachygaster atra</i>	Diptera, Stratiomyidae
<i>Paradelphomyia senilis</i>	Diptera, Tipulidae
<i>Pherbellia albocostata</i>	Diptera, Sciomyzidae
<i>Phylldromia melanocephala</i>	Diptera, Empididae
<i>Platycheirus clypeatus</i> sens. str.	Diptera, Syrphidae
<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
<i>Poecilobothrus nobilitatus</i>	Diptera, Dolichopodidae
<i>Pseudolimnophila lucorum</i>	Diptera, Tipulidae
<i>Pseudolimnophila sepium</i>	Diptera, Tipulidae
<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Rhaphium monotrichum</i>	Diptera, Dolichopodidae
<i>Rhingia campestris</i>	Diptera, Syrphidae
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Sylvicola punctatus</i>	Diptera, Anisopodidae
<i>Sympycnus aenicoxa</i>	Diptera, Dolichopodidae
<i>Syritta pipiens</i>	Diptera, Syrphidae
<i>Syrphus vitripennis</i>	Diptera, Syrphidae
<i>Terellia ruficauda</i>	Diptera, Tephritidae
<i>Tetanocera hyalipennis</i>	Diptera, Sciomyzidae
<i>Verrallia aucta</i>	Diptera, Pipunculidae
<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Volucella pellucens</i>	Diptera, Syrphidae
<i>Xylota segnis</i>	Diptera, Syrphidae

Unknown

<i>Hilara fuscipes</i>	Diptera, Empididae
------------------------	--------------------

Warham Greens, Stiffkey

Subsite of: Holkham NNR
Grid ref: TF9444
Vice-county(s): West Norfolk
County(s): Norfolk

Description

An extensive area of botanically rich saltmarsh dominated by sea-lavender, sea arrow grass and sea mugwort. Extensive creek system. On the landward side the ground rises quite steeply to farmland so there is little interface with terrestrial of freshwater habitats.

Visited by: Dr S.G.Ball & S.M.Crellin on 07 JUL 1993, Mr I.Perry & Mr R.Crossley on 08 JUL 1993.
No. of records: 32

Notable/Nb

<i>Dolichopus strigipes</i>	Diptera, Dolichopodidae
<i>Paroxyna absinthii</i>	Diptera, Tephritidae
<i>Poecilobothrus principalis</i>	Diptera, Dolichopodidae

Local

<i>Ceroxys urticae</i>	Diptera, Otitidae
<i>Conocephalus dorsalis</i>	Orthoptera, Conocephalidae
<i>Dolichopus diadema</i>	Diptera, Dolichopodidae
<i>Hercostomus chrysozygus</i>	Diptera, Dolichopodidae
<i>Hydrophorus oceanus</i>	Diptera, Dolichopodidae
<i>Machaerium maritimae</i>	Diptera, Dolichopodidae
<i>Metasyrphus latifasciatus</i>	Diptera, Syrphidae
<i>Nemotelus notatus</i>	Diptera, Stratiomyidae
<i>Nemotelus uliginosus</i>	Diptera, Stratiomyidae
<i>Paroxyna plantaginis</i>	Diptera, Tephritidae
<i>Thinophilus flavipalpis</i>	Diptera, Dolichopodidae

Common

<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Demetrias atricapillus</i>	Coleoptera, Carabidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Erioptera stictica</i>	Diptera, Tipulidae
<i>Haematopota pluvialis</i>	Diptera, Tabanidae
<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Meliscaeva auricollis</i>	Diptera, Syrphidae
<i>Metasyrphus luniger</i>	Diptera, Syrphidae
<i>Pherbina coryleti</i>	Diptera, Sciomyzidae
<i>Syrpitta pipiens</i>	Diptera, Syrphidae

Westwick Lake

Grid ref: TG2727
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Mr D.P.Sumner, Mr L.Gorman, Mr P.L.Th.Beuk & Ms B.Peterek on 10 JUL 1993.
No. of records: 10

Local

Xanthogramma pedissequum Diptera, Syrphidae

Common

<i>Austrolimnophila ochracea</i>	Diptera, Tipulidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Eristalis tenax</i>	Diptera, Syrphidae
<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Limonia dumetorum</i>	Diptera, Tipulidae
<i>Myathropa florea</i>	Diptera, Syrphidae
<i>Syritta pipiens</i>	Diptera, Syrphidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Volucella bombylans</i>	Diptera, Syrphidae

Whitwell Common

Grid ref: TG0820
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site & SSSI

Description

Wetland on peat with some calcareous flushes. Some areas dominated by *Filipendula ulmaria*, with other plants including *Angelica sylvestris*, *Schoenus nigricans* and *Juncus subnodulosus*. Some of the wetter hollows have *Caltha palustris* and *Menyanthes trifoliata*.

Visited by: Mr D.P.Sumner & Ms B.Peterek on 06 JUL 1993.
No. of records: 18

Local

<i>Sphaerophoria interrupta</i>	Diptera, Syrphidae
<i>Tipula pruinosa</i>	Diptera, Tipulidae
<i>Tropidia scita</i>	Diptera, Syrphidae
<i>Xylota sylvarum</i>	Diptera, Syrphidae

Common

<i>Cheilosia illustrata</i>	Diptera, Syrphidae
<i>Cheilosia pagana</i>	Diptera, Syrphidae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Eristalis intricarius</i>	Diptera, Syrphidae
<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae
<i>Metasyrphus luniger</i>	Diptera, Syrphidae
<i>Phyllodromia melanocephala</i>	Diptera, Empididae
<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
<i>Pyrophaena granditarsa</i>	Diptera, Syrphidae
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Syritta pipiens</i>	Diptera, Syrphidae
<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Volucella pellucens</i>	Diptera, Syrphidae

Winterton Dunes

Grid ref: TG4920
Vice-county(s): East Norfolk
County(s): Norfolk
Status: ISR site & NNR

Description

An extensive dune system grading from fore-dunes to wet heath communities in the slacks. The well developed slacks contain *Calluna vulgaris*, *Erica tetralix*, *E.cinerea*, *Carex arenaria* and *Ammophila arenaria*. Some *Salix* carr has also developed to the rear of the slacks. The Natterjack ponds add to the sites diversity.

Visited by: Dr E.Howe, Dr K.Porter, Dr M.A.Howe, Dr S.G.Ball, K.Merrifield, Mr A.Godfrey, Mr J.Mousley, Mr M.N.Pugh, Mr R.Crossley & S.M.Crellin on 05 JUL 1993. D.J.Heaver, Mr P.L.Th.Beuk & Mr S.J.Falk on 07 JUL 1993.

No. of records: 251

RDB2		<i>Paragus haemorrhous</i>	Diptera, Syrphidae
		<i>Parhelophilus frutetorum</i>	Diptera, Syrphidae
<i>Philanthus triangulum</i>	Hymenoptera, Sphecidae	<i>Philonicus albiceps</i>	Diptera, Asilidae
RDB3		<i>Platycheirus occultus</i>	Diptera, Syrphidae
		<i>Pompilus cinereus</i>	Hymenoptera, Pompilidae
<i>Podalonia affinis</i>	Hymenoptera, Sphecidae	<i>Rivellia syngenesiae</i>	Diptera, Platystomatidae
		<i>Sarcophaga melanura</i>	Diptera, Sarcophagidae
pRDB3		<i>Sepsis duplicata</i>	Diptera, Sepsidae
		<i>Sicus ferrugineus</i>	Diptera, Conopidae
<i>Hybomitra muhlfeldi</i>	Diptera, Tabanidae	<i>Tabanus autumnalis</i>	Diptera, Tabanidae
Na		<i>Tachysphex pompiliformis</i>	Hymenoptera, Sphecidae
		<i>Tachysphex unicolor</i>	Hymenoptera, Sphecidae
<i>Oxybelus argentatus</i>	Hymenoptera, Sphecidae	<i>Thereva annulata</i>	Diptera, Therevidae
<i>Oxybelus mandibularis</i>	Hymenoptera, Sphecidae	<i>Thereva bipunctata</i>	Diptera, Therevidae
		<i>Tipula cava</i>	Diptera, Tipulidae
		<i>Trixoscelis obscurella</i>	Diptera, Heleomyzidae
Notable/Nb		Common	
<i>Dasygaster altercator</i>	Hymenoptera, Melittidae	<i>Beris vallata</i>	Diptera, Stratiomyidae
<i>Megachile leachella</i>	Hymenoptera, Megachilidae	<i>Bombus hortorum</i>	Hymenoptera, Apidae
<i>Phthiria pulicaria</i>	Diptera, Bombyliidae	<i>Bombus lapidarius</i>	Hymenoptera, Apidae
<i>Podalonia hirsuta</i>	Hymenoptera, Sphecidae	<i>Bombus lucorum</i>	Hymenoptera, Apidae
<i>Tetanops myopinus</i>	Diptera, Otitidae	<i>Bombus pascuorum</i>	Hymenoptera, Apidae
Local		<i>Bombus pratorum</i>	Hymenoptera, Apidae
<i>Ammophila sabulosa</i>	Hymenoptera, Sphecidae	<i>Bombus terrestris</i>	Hymenoptera, Apidae
<i>Anomala dubia</i>	Coleoptera, Scarabaeidae	<i>Calliopum aeneum</i>	Diptera, Lauxaniidae
<i>Anoplus viaticus</i>	Hymenoptera, Pompilidae	<i>Calliopum simillimum</i>	Diptera, Lauxaniidae
<i>Argynnis aglaja</i>	Lepidoptera, Nymphalidae	<i>Calliphora vicina</i>	Diptera, Calliphoridae
<i>Calliopum geniculatum</i>	Diptera, Lauxaniidae	<i>Calliphora vomitoria</i>	Diptera, Calliphoridae
<i>Chersodromia incana</i>	Diptera, Empididae	<i>Cheilosia scutellata</i>	Diptera, Syrphidae
<i>Cicindela campestris</i>	Coleoptera, Carabidae	<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Crabro cribrarius</i>	Hymenoptera, Sphecidae	<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Dioctria baumhaueri</i>	Diptera, Asilidae	<i>Chrysops relictus</i>	Diptera, Tabanidae
<i>Dolichopus longicornis</i>	Diptera, Dolichopodidae	<i>Coenagrion puella</i>	Odonata, Coenagrionidae
<i>Dolichopus vitripennis</i>	Diptera, Dolichopodidae	<i>Coenonympha pamphilus</i>	Lepidoptera, Satyridae
<i>Dysmachus trigonus</i>	Diptera, Asilidae	<i>Colletes fodiens</i>	Hymenoptera, Colletidae
<i>Epistrophe grossulariae</i>	Diptera, Syrphidae	<i>Conops flavipes</i>	Diptera, Conopidae
<i>Episyrus rufipes</i>	Hymenoptera, Pompilidae	<i>Crossocerus podagricus</i>	Hymenoptera, Sphecidae
<i>Gorytes quadrifasciatus</i>	Hymenoptera, Sphecidae	<i>Crossocerus quadrimaculatus</i>	Hymenoptera, Sphecidae
<i>Gorytes tumidus</i>	Hymenoptera, Sphecidae	<i>Dasyphora cyanella</i>	Diptera, Muscidae
<i>Helina protuberans</i>	Diptera, Muscidae	<i>Dolichopus plumipes</i>	Diptera, Dolichopodidae
<i>Hilara lundbecki</i>	Diptera, Empididae	<i>Dolichopus unguatus</i>	Diptera, Dolichopodidae
<i>Lasioglossum leucopum</i>	Hymenoptera, Halictidae	<i>Drosophila subobscura</i>	Diptera, Drosophilidae
<i>Leptogaster guttiventris</i>	Diptera, Asilidae	<i>Empis aestiva</i>	Diptera, Empididae
<i>Neotamias cyanurus</i>	Diptera, Asilidae	<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Ophra leucostoma</i>	Diptera, Muscidae	<i>Erioptera stictica</i>	Diptera, Tipulidae
<i>Orthetrum cancellatum</i>	Odonata, Libellulidae	<i>Eristalis arbustorum</i>	Diptera, Syrphidae
		<i>Eristalis interrupta</i>	Diptera, Syrphidae
		<i>Eristalis intricarius</i>	Diptera, Syrphidae

<i>Eristalis tenax</i>	Diptera, Syrphidae	<i>Tricholauxania praeusta</i>	Diptera, Lauxaniidae
<i>Haematopota pluvialis</i>	Diptera, Tabanidae	<i>Trypoxylon attenuatum</i>	Hymenoptera, Sphecidae
<i>Hebecnema affinis</i>	Diptera, Muscidae	<i>Urophora stylata</i>	Diptera, Tephritidae
<i>Helina depuncta</i>	Diptera, Muscidae	<i>Vespula rufa</i>	Hymenoptera, Vespidae
<i>Helina impuncta</i>	Diptera, Muscidae	<i>Volucella bombylans</i>	Diptera, Syrphidae
<i>Helina laetifica</i>	Diptera, Muscidae	<i>Volucella pellucens</i>	Diptera, Syrphidae
<i>Helophilus pendulus</i>	Diptera, Syrphidae		
<i>Hercostomus aerosus</i>	Diptera, Dolichopodidae	Unknown	
<i>Hilara chorica</i>	Diptera, Empididae		
<i>Hilara litorea</i>	Diptera, Empididae	<i>Asteia concinna</i>	Diptera, Asteiidae
<i>Hybos culiciformis</i>	Diptera, Empididae	<i>Brachicoma devia</i>	Diptera, Sarcophagidae
<i>Hydrophorus bipunctatus</i>	Diptera, Dolichopodidae	<i>Chamaemyia flavipalpis</i>	Diptera, Chamaemyiidae
<i>Hydrotaea dentipes</i>	Diptera, Muscidae	<i>Lacerta vivipara</i>	Squamata, Lacertidae
<i>Hydrotaea irritans</i>	Diptera, Muscidae	<i>Medetera petrophiloides</i>	Diptera, Dolichopodidae
<i>Ischnura elegans</i>	Odonata, Coenagrionidae	<i>Megachile maritima</i>	Hymenoptera, Megachilidae
<i>Lestes sponsa</i>	Odonata, Libellulidae	<i>Meromyza sorocula</i>	Diptera, Chloropidae
<i>Limonia dumetorum</i>	Diptera, Tipulidae	<i>Minettia longiseta</i>	Diptera, Lauxaniidae
<i>Limonia quadrinotata</i>	Diptera, Tipulidae	<i>Monoclonia rufilata</i>	Diptera, Mycetophilidae
<i>Lispe tentaculata</i>	Diptera, Muscidae	<i>Rhinophora lepida</i>	Diptera, Rhinophoridae
<i>Lucilia caesar</i>	Diptera, Calliphoridae		
<i>Lyciella subfasciata</i>	Diptera, Lauxaniidae		
<i>Maniola jurtina</i>	Lepidoptera, Satyridae		
<i>Melanostoma mellinum</i>	Diptera, Syrphidae		
<i>Melanostoma scalare</i>	Diptera, Syrphidae		
<i>Meliscaeva auricollis</i>	Diptera, Syrphidae		
<i>Metasyrphus corollae</i>	Diptera, Syrphidae		
<i>Microchrysa cyaneiventris</i>	Diptera, Stratiomyidae		
<i>Microchrysa flavicornis</i>	Diptera, Stratiomyidae		
<i>Minettia lupulina</i>	Diptera, Lauxaniidae		
<i>Minettia rivosia</i>	Diptera, Lauxaniidae		
<i>Morellia simplex</i>	Diptera, Muscidae		
<i>Musca autumnalis</i>	Diptera, Muscidae		
<i>Myathropa florea</i>	Diptera, Syrphidae		
<i>Mydaea urbana</i>	Diptera, Muscidae		
<i>Myrmeleotettix maculatus</i>	Orthoptera, Acrididae		
<i>Ochlodes venata</i>	Lepidoptera, Hesperidae		
<i>Ocytata pallipes</i>	Diptera, Tachinidae		
<i>Opomyza florum</i>	Diptera, Opomyzidae		
<i>Opomyza germinationis</i>	Diptera, Opomyzidae		
<i>Oxybelus uniglumis</i>	Hymenoptera, Sphecidae		
<i>Phaonia incana</i>	Diptera, Muscidae		
<i>Phyllodromia melanocephala</i>	Diptera, Empididae		
<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae		
<i>Poecilobothrus nobilitatus</i>	Diptera, Dolichopodidae		
<i>Polietes lardaria</i>	Diptera, Muscidae		
<i>Psithyrus sylvestris</i>	Hymenoptera, Apidae		
<i>Psithyrus vestalis</i>	Hymenoptera, Apidae		
<i>Rhagio lineola</i>	Diptera, Rhagionidae		
<i>Rhagio scolopacea</i>	Diptera, Rhagionidae		
<i>Rhamphomyia tarsata</i>	Diptera, Empididae		
<i>Sarcophaga frenata</i>	Diptera, Sarcophagidae		
<i>Sarcophaga incisilobata</i>	Diptera, Sarcophagidae		
<i>Sarcophaga subvicina</i>	Diptera, Sarcophagidae		
<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae		
<i>Sepsis cynipsea</i>	Diptera, Sepsidae		
<i>Siphona geniculata</i>	Diptera, Tachinidae		
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae		
<i>Suillia variegata</i>	Diptera, Heleomyzidae		
<i>Sylvicola punctatus</i>	Diptera, Anisopodidae		
<i>Sympetrum striolatum</i>	Odonata, Libellulidae		
<i>Syrina pipiens</i>	Diptera, Syrphidae		
<i>Syrphus ribesii</i>	Diptera, Syrphidae		
<i>Syrphus torvus</i>	Diptera, Syrphidae		
<i>Syrphus vitripennis</i>	Diptera, Syrphidae		
<i>Tachypeza nubila</i>	Diptera, Empididae		
<i>Tephritis vespertina</i>	Diptera, Tephritidae		
<i>Terellia ruficauda</i>	Diptera, Tephritidae		
<i>Terellia serratulae</i>	Diptera, Tephritidae		
<i>Tetrix undulata</i>	Orthoptera, Tetrigidae		
<i>Thaumatomyia notata</i>	Diptera, Chloropidae		
<i>Thereva nobilitata</i>	Diptera, Therevidae		
<i>Thymelicus sylvestris</i>	Lepidoptera, Hesperidae		
<i>Tipula lateralis</i>	Diptera, Tipulidae		
<i>Tipula oleracea</i>	Diptera, Tipulidae		

Winterton Dunes (outside NNR)

Subsite of: Winterton Dunes
Grid ref: TG4919
Vice-county(s): East Norfolk
County(s): Norfolk

Description

Area of fore dune, dune ridge and dune meadow adjacent to extensive public car park on the seaward edge of Winterton. The dune meadow areas had large quantities of yellow composites and other flowers and were generally more flower-rich than the adjoining NNR.

Visited by: Dr S.G.Ball on 05 JUL 1993.
No. of records: 7

Notable/Nb

Phthiria pulicaria Diptera, Bombyliidae

Local

Anomala dubia Coleoptera, Scarabaeidae

Philonicus albiceps Diptera, Asilidae

Thereva annulata Diptera, Therevidae

Common

Aphantopus hyperantus Lepidoptera, Satyridae

Maniola jurtina Lepidoptera, Satyridae

Myrmeleotettix maculatus Orthoptera, Acrididae

Woodbastwick Fen

Subsite of: Bure Marshes
Grid ref: TG3316
Vice-county(s): East Norfolk
County(s): Norfolk

Visited by: Mr A.J.Halstead, Mr I.Perry, Mr L.Gorman, Mr M.Parker, Mr P.L.Th.Beuk, Mr S.J.Falk Mrs M.J.Morgan & Ms B.Peterek on 05 JUL 1993. Mr R.Crossley on 06 JUL 1993. ? & Mrs E.K.Goldie-Smith on 08 JUL 1993.

No. of records: 385

RDB K		<i>Cleigastra apicalis</i>	Diptera, Scathophagidae
		<i>Cordilura albipes</i>	Diptera, Scathophagidae
<i>Dolichovespula saxonica</i>	Hymenoptera, Vespidae	<i>Criorhina berberina</i>	Diptera, Syrphidae
RDB1		<i>Diaphorus oculatus</i>	Diptera, Dolichopodidae
		<i>Dioctria baumhaueri</i>	Diptera, Asilidae
		<i>Dioctria linearis</i>	Diptera, Asilidae
<i>Dolichopus nigripes</i>	Diptera, Dolichopodidae	<i>Dolichocephala irrorata</i>	Diptera, Empididae
RDB2		<i>Dolichopus lepidus</i>	Diptera, Dolichopodidae
		<i>Dolichopus longitarsis</i>	Diptera, Dolichopodidae
		<i>Dolichopus picipes</i>	Diptera, Dolichopodidae
<i>Cephalops perspicuus</i>	Diptera, Pipunculidae	<i>Drapetis ephippiata</i>	Diptera, Empididae
<i>Scathophaga tinctoria</i>	Diptera, Scathophagidae	<i>Elgiva cucularia</i>	Diptera, Sciomyzidae
pRDB2		<i>Empis albinervis</i>	Diptera, Empididae
		<i>Epistrophe grossulariae</i>	Diptera, Syrphidae
<i>Anagnota collini</i>	Diptera, Anthomyzidae	<i>Eristalinus sepulchralis</i>	Diptera, Syrphidae
pRDB3		<i>Haematopota crassicornis</i>	Diptera, Tabanidae
		<i>Helophilus hybridus</i>	Diptera, Syrphidae
		<i>Hercostomus chrysozygus</i>	Diptera, Dolichopodidae
<i>Hybomitra muhlfeldi</i>	Diptera, Tabanidae	<i>Hilara lurida</i>	Diptera, Empididae
Na		<i>Hilara nigrina</i>	Diptera, Empididae
		<i>Hilara rejecta</i>	Diptera, Empididae
		<i>Hilara thoracica</i>	Diptera, Empididae
<i>Macropis europaea</i>	Hymenoptera, Melittidae	<i>Hybomitra bimaculata</i>	Diptera, Tabanidae
Notable/Nb		<i>Hydrophorus balticus</i>	Diptera, Dolichopodidae
		<i>Leptopa filiformis</i>	Diptera, Scathophagidae
		<i>Megaphthalma pallida</i>	Diptera, Scathophagidae
<i>Diomyia fasciata</i>	Diptera, Mycetophilidae	<i>Metasyrphus latifasciatus</i>	Diptera, Syrphidae
<i>Gonomyia bifida</i>	Diptera, Tipulidae	<i>Myoleja caesia</i>	Diptera, Tephritidae
<i>Hilara platyura</i>	Diptera, Empididae	<i>Nemotelus nigrinus</i>	Diptera, Stratiomyidae
<i>Laphria marginata</i>	Diptera, Asilidae	<i>Neoscasia tenur</i>	Diptera, Syrphidae
<i>Limonia inusta</i>	Diptera, Tipulidae	<i>Neoitamus cyanurus</i>	Diptera, Asilidae
<i>Metasyrphus latilunulatus</i>	Diptera, Syrphidae	<i>Nephrotoma analis</i>	Diptera, Tipulidae
<i>Microphorus anomalus</i>	Diptera, Empididae	<i>Nephrotoma cornicina</i>	Diptera, Tipulidae
<i>Molophilus bihamatus</i>	Diptera, Tipulidae	<i>Neurigona quadrifasciata</i>	Diptera, Dolichopodidae
<i>Oedalea tibialis</i>	Diptera, Empididae	<i>Oxycera nigricornis</i>	Diptera, Stratiomyidae
<i>Phaonia falleni</i>	Diptera, Muscidae	<i>Parhelophilus frutetorum</i>	Diptera, Syrphidae
<i>Platypalpus cothurnatus</i>	Diptera, Empididae	<i>Parhelophilus versicolor</i>	Diptera, Syrphidae
<i>Psacadina verbekei</i>	Diptera, Sciomyzidae	<i>Paykullia maculata</i>	Diptera, Rhinophoridae
<i>Pteromicra glabricula</i>	Diptera, Sciomyzidae	<i>Phaonia fuscata</i>	Diptera, Muscidae
<i>Rhaphium lanceolatum</i>	Diptera, Dolichopodidae	<i>Pherbellia schoenherri</i>	Diptera, Sciomyzidae
<i>Trichina pallipes</i>	Diptera, Empididae	<i>Pipiza austriaca</i>	Diptera, Syrphidae
<i>Xylota abiens</i>	Diptera, Syrphidae	<i>Platycheirus fulviventris</i>	Diptera, Syrphidae
<i>Xylota florum</i>	Diptera, Syrphidae	<i>Platycheirus occultus</i>	Diptera, Syrphidae
Local		<i>Ptychoptera minuta</i>	Diptera, Ptychopteridae
		<i>Pyrophaena rosarum</i>	Diptera, Syrphidae
<i>Anasimyia lineata</i>	Diptera, Syrphidae	<i>Rivellia syngenesiae</i>	Diptera, Platystomatidae
<i>Argyra vestita</i>	Diptera, Dolichopodidae	<i>Sapromyza sexpunctata</i>	Diptera, Lauxaniidae
<i>Bathycranium bicoloratum</i>	Diptera, Dolichopodidae	<i>Sepedon spinipes</i>	Diptera, Sciomyzidae
<i>Beris morrisii</i>	Diptera, Stratiomyidae	<i>Sicus ferrugineus</i>	Diptera, Conopidae
<i>Brachypalpoides lenta</i>	Diptera, Syrphidae	<i>Spanochaeta dorsalis</i>	Diptera, Muscidae
<i>Chalcosyrphus nemorum</i>	Diptera, Syrphidae	<i>Tetanocera arrogans</i>	Diptera, Sciomyzidae
<i>Cheilosia impressa</i>	Diptera, Syrphidae	<i>Tipula nigra</i>	Diptera, Tipulidae
<i>Chelipoda albisetia</i>	Diptera, Empididae	<i>Tipula solstitialis</i>	Diptera, Tipulidae
<i>Chrysotoxum bicinctum</i>	Diptera, Syrphidae	<i>Trigonalis hahnii</i>	Hymenoptera, Trigonalidae
<i>Chrysotoxum verralli</i>	Diptera, Syrphidae	<i>Tropidia scita</i>	Diptera, Syrphidae
<i>Chyliza scutellata</i>	Diptera, Psilidae	<i>Xanthogramma pedissequum</i>	Diptera, Syrphidae
		<i>Xylota sylvarum</i>	Diptera, Syrphidae

Common

<i>Andrena bicolor</i>	Hymenoptera, Andrenidae
<i>Argyra diaphana</i>	Diptera, Dolichopodidae
<i>Azelia ciliipes</i>	Diptera, Muscidae
<i>Azelia macquarti</i>	Diptera, Muscidae
<i>Baccha elongata</i>	Diptera, Syrphidae
<i>Baccha spp</i>	Diptera, Syrphidae
<i>Beris geniculata</i>	Diptera, Stratiomyidae
<i>Beris vallata</i>	Diptera, Stratiomyidae
<i>Bombus hortorum</i>	Hymenoptera, Apidae
<i>Bombus lucorum</i>	Hymenoptera, Apidae
<i>Bombus pascuorum</i>	Hymenoptera, Apidae
<i>Bombus pratorum</i>	Hymenoptera, Apidae
<i>Bombus terrestris</i>	Hymenoptera, Apidae
<i>Calliopus simillimus</i>	Diptera, Lauxaniidae
<i>Calliphora vomitoria</i>	Diptera, Calliphoridae
<i>Campsicnemus scambus</i>	Diptera, Dolichopodidae
<i>Cheilosia illustrata</i>	Diptera, Syrphidae
<i>Cheilosia pagana</i>	Diptera, Syrphidae
<i>Cheilosia proxima</i>	Diptera, Syrphidae
<i>Chloromyia formosa</i>	Diptera, Stratiomyidae
<i>Chrysogaster solstitialis</i>	Diptera, Syrphidae
<i>Chrysopilus asiliformis</i>	Diptera, Rhagionidae
<i>Chrysopilus cristatus</i>	Diptera, Rhagionidae
<i>Chrysotus gramineus</i>	Diptera, Dolichopodidae
<i>Diastata adusta</i>	Diptera, Diastatidae
<i>Dixella amphibia</i>	Diptera, Dixidae
<i>Dolichopus popularis</i>	Diptera, Dolichopodidae
<i>Dolichopus unguulatus</i>	Diptera, Dolichopodidae
<i>Ectemnius continuus</i>	Hymenoptera, Sphecidae
<i>Elgiva sollicita</i>	Diptera, Sciomyzidae
<i>Empis aestiva</i>	Diptera, Empididae
<i>Episyrphus balteatus</i>	Diptera, Syrphidae
<i>Erioptera stictica</i>	Diptera, Tipulidae
<i>Erioptera trivialis</i>	Diptera, Tipulidae
<i>Eristalis interrupta</i>	Diptera, Syrphidae
<i>Eristalis intricarius</i>	Diptera, Syrphidae
<i>Eristalis pertinax</i>	Diptera, Syrphidae
<i>Eristalis tenax</i>	Diptera, Syrphidae
<i>Haematopota pluvialis</i>	Diptera, Tabanidae
<i>Hebecnema affinis</i>	Diptera, Muscidae
<i>Hebecnema nigricolor</i>	Diptera, Muscidae
<i>Hebecnema umbratica</i>	Diptera, Muscidae
<i>Hebecnema vespertina</i>	Diptera, Muscidae
<i>Helina depuncta</i>	Diptera, Muscidae
<i>Helina impuncta</i>	Diptera, Muscidae
<i>Helina setiventris</i>	Diptera, Muscidae
<i>Helophilus pendulus</i>	Diptera, Syrphidae
<i>Hercostomus aerosus</i>	Diptera, Dolichopodidae
<i>Hercostomus metallicus</i>	Diptera, Dolichopodidae
<i>Hilara chorica</i>	Diptera, Empididae
<i>Hilara manicata</i>	Diptera, Empididae
<i>Hilara monedula</i>	Diptera, Empididae
<i>Hybos culiciformis</i>	Diptera, Empididae
<i>Hybos femoratus</i>	Diptera, Empididae
<i>Hydromya dorsalis</i>	Diptera, Sciomyzidae
<i>Ilione albiseta</i>	Diptera, Sciomyzidae
<i>Lasioglossum calceatum</i>	Hymenoptera, Halictidae
<i>Leucozona laternaria</i>	Diptera, Syrphidae
<i>Limnia unguicornis</i>	Diptera, Sciomyzidae
<i>Limnophila ferruginea</i>	Diptera, Tipulidae
<i>Limnophila fulvonervosa</i>	Diptera, Tipulidae
<i>Limnophila nemoralis agg.</i>	Diptera, Tipulidae
<i>Lonchaea chorea</i>	Diptera, Lonchaeidae
<i>Lonchoptera lutea</i>	Diptera, Lonchopteridae
<i>Lucilia caesar</i>	Diptera, Calliphoridae
<i>Lyciella decempunctatus</i>	Diptera, Lauxaniidae
<i>Lyciella decipiens</i>	Diptera, Lauxaniidae
<i>Lyciella rorida</i>	Diptera, Lauxaniidae
<i>Megachile willughbiella</i>	Hymenoptera, Megachilidae
<i>Melanomyia nana</i>	Diptera, Rhinophoridae
<i>Melanostoma mellinum</i>	Diptera, Syrphidae

<i>Melanostoma scalare</i>	Diptera, Syrphidae
<i>Meliscaeva auricollis</i>	Diptera, Syrphidae
<i>Merodon equestris</i>	Diptera, Syrphidae
<i>Mesembrina meridiana</i>	Diptera, Muscidae
<i>Metasyrphus corollae</i>	Diptera, Syrphidae
<i>Metasyrphus luniger</i>	Diptera, Syrphidae
<i>Minettia rivosia</i>	Diptera, Lauxaniidae
<i>Molophilus medius</i>	Diptera, Tipulidae
<i>Morellia aenescens</i>	Diptera, Muscidae
<i>Morellia simplex</i>	Diptera, Muscidae
<i>Muscina pabulorum</i>	Diptera, Muscidae
<i>Myathropa florea</i>	Diptera, Syrphidae
<i>Mydaea urbana</i>	Diptera, Muscidae
<i>Neoascia podagrica</i>	Diptera, Syrphidae
<i>Opetia nigra</i>	Diptera, Platypezidae
<i>Opomyza florum</i>	Diptera, Opomyzidae
<i>Opomyza germinationis</i>	Diptera, Opomyzidae
<i>Opomyza petrei</i>	Diptera, Opomyzidae
<i>Ormosia nodulosa</i>	Diptera, Tipulidae
<i>Pachygaster atra</i>	Diptera, Stratiomyidae
<i>Palloptera saltuum</i>	Diptera, Pallopteridae
<i>Palloptera umbellatarum</i>	Diptera, Pallopteridae
<i>Palloptera ustulata</i>	Diptera, Pallopteridae
<i>Phaonia errans</i>	Diptera, Muscidae
<i>Phaonia halterata</i>	Diptera, Muscidae
<i>Phaonia incana</i>	Diptera, Muscidae
<i>Phaonia pallida</i>	Diptera, Muscidae
<i>Phaonia palpata</i>	Diptera, Muscidae
<i>Phaonia populi</i>	Diptera, Muscidae
<i>Phaonia signata</i>	Diptera, Muscidae
<i>Pherbellia albocostata</i>	Diptera, Sciomyzidae
<i>Pherbina coryleti</i>	Diptera, Sciomyzidae
<i>Pilaria discicollis</i>	Diptera, Tipulidae
<i>Platycephala planifrons</i>	Diptera, Chloropidae
<i>Platycheirus angustatus</i>	Diptera, Syrphidae
<i>Platycheirus clypeatus sens. str.</i>	Diptera, Syrphidae
<i>Platycheirus cyaneus</i>	Diptera, Syrphidae
<i>Poecilobothrus nobilitatus</i>	Diptera, Dolichopodidae
<i>Poliates lardaria</i>	Diptera, Muscidae
<i>Pollenia rudis angustige</i>	Diptera, Calliphoridae
<i>Pollenia rudis rudis</i>	Diptera, Calliphoridae
<i>Pseudolimnophila sepium</i>	Diptera, Tipulidae
<i>Psila functaria</i>	Diptera, Psilidae
<i>Psithyrus sylvestris</i>	Hymenoptera, Apidae
<i>Psithyrus vestalis</i>	Hymenoptera, Apidae
<i>Pyrophaena granditarsa</i>	Diptera, Syrphidae
<i>Rhagio lineola</i>	Diptera, Rhagionidae
<i>Rhagio scolopacea</i>	Diptera, Rhagionidae
<i>Rhagio tringarius</i>	Diptera, Rhagionidae
<i>Sarcophaga carnaria</i>	Diptera, Sarcophagidae
<i>Sarcophaga frenata</i>	Diptera, Sarcophagidae
<i>Sarcophaga haemorrhoea</i>	Diptera, Sarcophagidae
<i>Sarcophaga incisilobata</i>	Diptera, Sarcophagidae
<i>Sarcophaga subvicina</i>	Diptera, Sarcophagidae
<i>Scaptomyza flava</i>	Diptera, Drosophilidae
<i>Scaptomyza pallida</i>	Diptera, Drosophilidae
<i>Scathophaga furcata</i>	Diptera, Scathophagidae
<i>Scathophaga stercoraria</i>	Diptera, Scathophagidae
<i>Schoenomyza litorella</i>	Diptera, Muscidae
<i>Sciapus platypterus</i>	Diptera, Dolichopodidae
<i>Sepsis cynipsea</i>	Diptera, Sepsidae
<i>Sepsis fulgens</i>	Diptera, Sepsidae
<i>Sepsis orthocnemis</i>	Diptera, Sepsidae
<i>Sepsis punctum</i>	Diptera, Sepsidae
<i>Sericomyia silentis</i>	Diptera, Syrphidae
<i>Siphona geniculata</i>	Diptera, Tachinidae
<i>Sphaerophoria scripta</i>	Diptera, Syrphidae
<i>Suillia bicolor</i>	Diptera, Heleomyzidae
<i>Sylvicola cinctus</i>	Diptera, Anisopodidae
<i>Sylvicola punctatus</i>	Diptera, Anisopodidae
<i>Sympycnus aenicoxa</i>	Diptera, Dolichopodidae
<i>Syrphus pipiens</i>	Diptera, Syrphidae
<i>Syrphus ribesii</i>	Diptera, Syrphidae
<i>Syrphus vitripennis</i>	Diptera, Syrphidae

<i>Tephritis bardanae</i>	Diptera, Tephritidae	<i>Xylota segnis</i>	Diptera, Syrphidae
<i>Terellia ruficauda</i>	Diptera, Tephritidae	<i>Xyphosia miliaria</i>	Diptera, Tephritidae
<i>Tetanocera ferruginea</i>	Diptera, Sciomyzidae		
<i>Tetanocera hyalipennis</i>	Diptera, Sciomyzidae	Unknown	
<i>Tetanocera silvatica</i>	Diptera, Sciomyzidae	<i>Drosophila kuntzei</i>	Diptera, Drosophilidae
<i>Thelaira nigripes</i>	Diptera, Tachinidae	<i>Hercostomus blankaartensis</i>	Diptera, Dolichopodidae
<i>Themira annulipes</i>	Diptera, Sepsidae	<i>Hilara fuscipes</i>	Diptera, Empididae
<i>Thricops diaphanus</i>	Diptera, Muscidae	<i>Hilara griseifrons</i>	Diptera, Empididae
<i>Tipula unca</i>	Diptera, Tipulidae	<i>Leptopeza flavipes</i>	Diptera, Empididae
<i>Tricholauxania praecusta</i>	Diptera, Lauxaniidae	<i>Minettia inusta</i>	Diptera, Lauxaniidae
<i>Trypoxylon attenuatum</i>	Hymenoptera, Sphecidae	<i>Rhegmoclema cooki</i>	Diptera, Scatopsidae
<i>Vespula rufa</i>	Hymenoptera, Vespidae	<i>Rhinophora lepida</i>	Diptera, Rhinophoridae
<i>Vespula vulgaris</i>	Hymenoptera, Vespidae	<i>Sarcophaga dissimilis</i>	Diptera, Sarcophagidae
<i>Volucella bombylans</i>	Diptera, Syrphidae	<i>Synapha vitripennis</i>	Diptera, Mycetophilidae
<i>Volucella pellucens</i>	Diptera, Syrphidae		

<i>Synanthedon formicaeformis</i> Esper Lepidoptera, Sesiidae	Na
--	-----------

Gravel pits, fenland and marshy areas, the larva feeding in the stems and branches of *Salix viminalis* and occasionally other species of *Salix*. Local, southern England north to Dumfriesshire, also noted in south Wales.

<i>Syncopacma sangiella</i> Stainton Lepidoptera, Gelechiidae	Notable/Nb
--	-------------------

<i>Papilio machaon</i> Lepidoptera, Papilionidae	RDB2
---	-------------

RDB2 Schedule 5; This species is represented in Britain by subsp. *britannicus*. Here it is a fenland species, the larva feeding on *Peucedanum palustre*. Occurs in the Norfolk Broads and used to be known from Wicken Fen.

<i>Tipula yerburyi</i> Edwards Diptera, Tipulidae	Notable/Nb
--	-------------------

Crane fly of sallow carr, especially in heathland areas. Widespread but very local. Most frequent in the western Weald, southwest England and south Wales but recorded north to Yorks.

<i>Tipula helvola</i> Loew Diptera, Tipulidae	Notable/Nb
--	-------------------

Crane fly. Found in dry broad-leaved woodland. Biology unknown, though the larvae are assumed to develop in soil. Adults recorded in July and August. Southern England and several sites in North Wales.

<i>Tipula livida</i> Wulp Diptera, Tipulidae	Notable/Nb
---	-------------------

Crane fly of woodland, or clumps of trees on heathland, on dry or moist soils. The larvae have been reared from damp soil and detritus in woodland and has also been found in soil under *Mercurialis perenne*. First recorded in Britain as a larva in 1952 although an earlier specimens dated 1929 have been located in collections. Records widely dispersed in southern Britain north to Yorkshire and North Wales, but the majority of known localities are south of the River Thames.

<i>Tipula peliostigma</i> Schummel Diptera, Tipulidae	Notable/Nb
--	-------------------

Crane fly of southern woods and hedgerows. Larvae reared from birds nests including those of Robin and Blackbird, but it is not known if this is the primary habitat for the species and other records refer to their occurrence in damp soil. Mainly from East Anglia, but elsewhere in England north to Yorkshire. Probably under-recorded to some extent because it usually occurs in very low numbers and in rather undistinguished places.

<i>Diogma glabrata</i> (Meigen) Diptera, Tipulidae	Notable/Nb
---	-------------------

Crane fly found in damp woodlands, generally in the lowlands. Larvae develop in moss. Widespread but local and usually associated with ancient deciduous woodlands.

<i>Limonia trivittata</i> (Schummel) Diptera, Tipulidae	Notable/Nb
--	-------------------

Crane fly found in wet woodland on calcareous soils especially near rivers. Biology unknown although there seems to be an association with Butterbur (*Petasites hybrida*) in some cases. It is possible that the larvae develop in petioles or rootstock. Widespread but very local throughout Britain including Scottish islands.

Brief species accounts for Nationally scarce and Red Data Book species.

<i>Coenagrion pulchellum</i> (Vander Linden, 1825) Odonata, Coenagriidae	Notable/Nb
---	-------------------

Blue damselfly of watermeadows, ponds, clear streams and dykes, particularly those with sheltering bushes or hedges. Separation from *C. puella* is not easy and the abdominal pattern is not a reliable character. Careful examination of the prothorax and terminalia are required. Widespread, but scarce in England and Wales and recently discovered in south-west Scotland. Probably overlooked amongst other blue damselflies.

<i>Lestes dryas</i> Kirby, 1890 Odonata, Lestidae	RDB2
--	-------------

Metallic green damselfly. The genus is easily recognised because of its habit of resting with its wings half open. Breeds in pools, ditches and lowland levels with abundant emergent vegetation. Rare in eastern and south-eastern England. Was feared extinct in the 1970s but has been rediscovered at a number of localities in East Anglia and the south-east.

<i>Aeshna isosceles</i> (Muller, 1767) Odonata, Aeshnidae	RDB1
--	-------------

Large, brown hawker dragonfly. Listed on Schedule 5 of the Wildlife and Countryside Act. A strong flier which tends to stay near water where it usually flies high and swiftly. Larvae have been found in well vegetated ditches in grazing marshes. Restricted to the Norfolk Broads where it is very localised, but abundant at some localities.

<i>Ectobius lapponicus</i> (Linnaeus) Dictyoptera, Pseudomopidae	Notable/Nb
---	-------------------

A small dark brown cockroach, 6.5 to 7 mm. in length. Southern in distribution, with very few records north of the Thames. Usually ground-dwelling, but sometimes in trees and bushes, particularly at night. Found on heaths, in open woodland, and in dry scrubby grassland.

<i>Ilybius guttiger</i> (Gyllenhal, 1808) Coleoptera, Dytiscidae	Notable/Nb
---	-------------------

Water beetle found in shaded, mossy pools in relict fens, occasionally in old clay workings with established vegetation. Widespread but very local, north to Scottish Borders.

<i>Oxypoda nigricornis</i> Motschulsky, 1860 Coleoptera, Staphylinidae	Notable/Nb
---	-------------------

Small rove beetle of northern woods and moorland, living in moss and litter, sometimes also in dung.

<i>Plateumaris braccata</i> (Scopoli, 1772) Coleoptera, Chrysomelidae	Na
--	-----------

A reed beetle. Larvae feed in nodules on the roots of *Phragmites* in standing water. Very uncommon.

<i>Adscita statice</i> Linnaeus Lepidoptera, Zygaenidae	Notable/Nb
--	-------------------

Inhabits wet meadows, chalk downland, woodland edge, sandy heath, dune slacks and breckland. Adults day-flying, larva on *Rumex acetosa* and *R. acetosella*. Widespread in England, Wales and parts of Scotland, though very local.

<i>Molophilus corniger</i> de Meijere Diptera, Tipulidae	Notable/Nb
---	-------------------

A crane fly of woodlands with seepages. The biology is unknown though the larvae possibly develop in damp soil or leaf litter. Scattered records throughout calcareous districts of England, Wales and parts of Scotland.

<i>Ditomyia fasciata</i> (Meigen) Diptera, Mycetophilidae	Notable/Nb
--	-------------------

An uncommon fungus-gnat of south-east England. Larvae develop in several species of bracket fungus on old living or dead trees, particularly beech.

<i>Asindulum nigrum</i> Latreille Diptera, Mycetophilidae	RDB2
--	-------------

Fungus gnat. Most records are from East Anglian fens, with outlying localities known in Oxon. and Somerset. Larvae are probably carnivorous web-formers like other members of the group.

<i>Beris clavipes</i> (Linnaeus) Diptera, Stratiomyidae	Notable/Nb
--	-------------------

Small soldier fly. Larvae in moss & detritus on pond & stream margins. Mainly southern but recorded N to Nthbld.

<i>Oxycera morrisii</i> Curtis Diptera, Stratiomyidae	Notable/Nb
--	-------------------

Soldier fly. Rare, but with scattered records from Cornwall to Durham. A marshland species with aquatic larvae.

<i>Oxycera pygmaea</i> (Fallen) Diptera, Stratiomyidae	Notable/Nb
---	-------------------

Small soldier fly. Larvae in moss in clear running water. Widespread but very local.

<i>Vanoyia tenuicornis</i> (Macquart) Diptera, Stratiomyidae	Notable/Nb
---	-------------------

A small black and dull yellow soldier fly of wetlands. Formerly very rare, and largely confined to the south-west, it has been much more widely and commonly recorded in recent years.

<i>Odontomyia angulata</i> (Panzer) Diptera, Stratiomyidae	RDB1
---	-------------

Soldier fly. Larvae are aquatic probably occurring in shallow pools. Few recent records and only known from Norfolk, Cambs. and Somerset.

<i>Odontomyia ornata</i> (Linnaeus) Diptera, Stratiomyidae	RDB2
---	-------------

Soldier fly. The larvae develop in shallow water of ponds and rivers, the adults visiting flowers nearby. Locally frequent, though declining, in the coastal levels of Sussex, Somerset and Gwent. Known elsewhere from scattered localities as far north as north Norfolk, occasionally reported inland.

<i>Limonia inusta</i> (Meigen) Diptera, Tipulidae	Notable/Nb
--	-------------------

Cranefly of damp woodlands and carr in the lowlands. Larvae in fungi. Local in Wales and England north to Yorks, but with the majority of records from the southern counties of England.

<i>Limonia danica</i> (Kuntze) Diptera, Tipulidae	pRDB3
--	--------------

Cranefly occurring in marshland, usually in coastal areas, though there are also records inland. About a dozen localities scattered throughout southern England and East Anglia, in particular around the Thames estuary. Larvae probably live in wet mud.

<i>Limonia lucida</i> (de Meijere) Diptera, Tipulidae	Notable/Nb
--	-------------------

Cranefly found in wet woodland and carr, in many case apparently associated with Hemlock Water Dropwort (*Oenanthe crocata*). Biology unknown. Widespread but very local.

<i>Limonia ventralis</i> (Schummel) Diptera, Tipulidae	Notable/Nb
---	-------------------

Craneflies of ditches and sides of ponds especially near the coast. Usually the vegetation is not dense and there is a muddy substrate visible. A brackish influence is often present, but does not appear to be essential.

<i>Pilaria scutellata</i> (Staeger) Diptera, Tipulidae	Notable/Nb
---	-------------------

Cranefly associated with bare mud by streams and ditches, both coastal and inland. Biology unknown, but larvae probably live in liquid mud. Widespread but very local.

<i>Gonomyia bifida</i> Tonnoir Diptera, Tipulidae	Notable/Nb
--	-------------------

A crane fly which occurs beside streams and seepages, usually in wet calcareous woods and fen carr. Larvae possibly develop in damp soil beside streams and flushes. Known from scattered sites in southern England to Norfolk and Monmouthshire.

<i>Erioptera limbata</i> Loew Diptera, Tipulidae	RDB2
---	-------------

A crane fly which is only known from a few sites in southern Britain: Seabrook Stream, Kent; three localities in Wiltshire and the River Usk in Monmouthshire. The Seabrook and River Usk sites are both shaded river banks. The larvae are assumed to be in wet soil or possibly semi-aquatic. Larvae probably develop in damp streamside sediments.

<i>Erioptera meijerei</i> Edwards Diptera, Tipulidae	RDB2
---	-------------

Cranefly of fens and carrs, possibly associated with the larger sedges. Larvae probably develop in wet soil or litter. Only recorded at three sites since 1960 in Sussex, Norfolk and Yorks.

<i>Molophilus bihamatus</i> de Meijere Diptera, Tipulidae	Notable/Nb
--	-------------------

Cranefly found in Alder carr. Biology unknown but larvae probably develop in mud or leaf litter. Widespread but very local.

<i>Odontomyia tigrina</i> (Fabricius) Diptera, Stratiomyidae	Notable/Nb
---	-------------------

Soldier fly, the larvae develop in shallow water in ponds and marshes amongst vegetable matter. Adults visit flowers nearby. Highly localised but regular in a number of fens, damp heaths and levels in southern England. Otherwise known from scattered records to Inverness-shire.

<i>Stratiomys singularior</i> (Harris) Diptera, Stratiomyidae	Notable/Nb
--	-------------------

Spectacular large yellowish soldier fly of brackish marshes and fens. Larvae are detritus feeding in shallow, sometimes temporary pools and are resistant to dessication. Widespread but very local in Britain.

<i>Stratiomys potamida</i> (Meigen) Diptera, Stratiomyidae	Notable/Nb
---	-------------------

A very large and attractive soldier-fly, orange and black. Larvae in shallow water & possibly easier to find than adults, which are very sluggish and reluctant to fly. Recent records suggest that this species is not as rare as was thought, especially in the north.

<i>Solva marginata</i> (Meigen) Diptera, Xylomyiidae	Notable/Nb
---	-------------------

Rare fly of old woodland. Larvae in rotting wood. Mainly southern England, N to Yorks.

<i>Atylotus latistriatus</i> (Brauer) Diptera, Tabanidae	RDB3
---	-------------

Horsefly. Saltmarsh species, confined to southern England. Males are attracted to flowers of *Limonium*.

<i>Hybomitra muhlfeldi</i> (Brauer) Diptera, Tabanidae	pRDB3
---	--------------

Horsefly. Adult females suck the blood of grazing animals, larvae are predators and probably occur in wet mud at the edges of pools. Recorded from Glam., Norfolk, Hereford., Worcs. and Sutherland.

<i>Eutolmus rufibarbis</i> (Meigen) Diptera, Asilidae	pRDB3
--	--------------

A robber fly of dry sandy heathlands, recorded from Hants., Surrey and the Breckland.

<i>Laphria marginata</i> (Linnaeus) Diptera, Asilidae	Notable/Nb
--	-------------------

Medium sized assassin fly with larvae living in burrows in decaying wood. It is probable that existing beetle burrows are used. Very local in old oakwoods in southern and central England.

<i>Ogcodes pallipes</i> Latreille Diptera, Acroceridae	Notable/Nb
---	-------------------

Peculiar, shining brown, humpbacked fly. Larvae are internal parasites of spiders, especially wolf spiders (Lycosidae). Adults have no mouth parts and are short lived. Females scatter large numbers of eggs on open ground where spiders are abundant and the active first instar larvae are responsible for finding a host. Seldom seen, partly because of the very short adult flight season, but can be abundant when found. Possibly more widespread and abundant than the few records suggest.

<i>Phthiria pulicaria</i> Diptera, Bombyliidae	Notable/Nb
---	-------------------

A tiny bee-fly found on coastal sand hills. Adults feed at flowers of the Compositae, larvae are parasitic on solitary Hymenoptera. The first instar is very active and sits on flowers waiting for suitable hosts to visit them.

<i>Platypalpus articulatoides</i> Diptera, Empididae	Notable/Nb
---	-------------------

An Empid fly recently discovered as new to Britain, so far only recorded from Norfolk and Cambs.

<i>Platypalpus cothurnatus</i> Macquart Diptera, Empididae	Notable/Nb
---	-------------------

Small predatory empidid found on low vegetation and bushes in a variety of sites such as damp woodland, river banks and wetlands. Larval biology unknown, but larvae of this genus are predatory in a range of situations including soil and rotten vegetation. Records widely scattered in England as far north as Northumberland, and in South Wales.

<i>Trichina pallipes</i> (Zetterstedt) Diptera, Empididae	Notable/Nb
--	-------------------

A widespread but localised empid fly, recorded chiefly from East Anglian fens but also from other sites in south-west England, S. Wales and a site in Yorkshire. Adults form mating swarms around shrubs and trees.

<i>Oedalea tibialis</i> Macquart Diptera, Empididae	Notable/Nb
--	-------------------

An small predatory fly, found in southern England and Wales. Larvae develop in dead wood.

<i>Microphorus anomalus</i> (Meigen) Diptera, Empididae	Notable/Nb
--	-------------------

Small Empid fly. Widespread, most records from wetland habitats.

<i>Hilara platyura</i> Loew Diptera, Empididae	Notable/Nb
---	-------------------

Empid fly. Recorded from a range of habitats including fen, wet heath and fringes of saltmarshes. Larvae probably predatory in damp mud. Records confined to Hants., Isle of Wight, Suffolk and Norfolk.

<i>Dolichopus laticola</i> Verrall Diptera, Dolichopodidae	RDB1
---	-------------

Records confined to the Norfolk Broads. Biology unknown, though larvae are probably semi-aquatic carnivores at water margins. Adults recorded from June to August.

<i>Dolichopus migrans</i> Zetterstedt Diptera, Dolichopodidae	RDB3
--	-------------

A small fly. The larvae are probably semi-aquatic carnivores in damp soil or at water margins. Reliable records are confined to the Breckland. Occurs on heathland and grassland possibly requiring damp areas with lush vegetation and some standing water.

<i>Dolichopus nigripes</i> Fallen Diptera, Dolichopodidae	RDB1
--	-------------

Only known from the Bure Marshes NNR and a 19th century record from Dorset. A fenland species with the larvae probably being carnivores in damp soil or water margins.

<i>Dolichopus strigipes</i> Verrall Diptera, Dolichopodidae	Notable/Nb
--	-------------------

A small fly usually recorded from saltmarshes but with a few records from fens. Found in southern England and East Anglia. Larvae are predatory.

<i>Hercostomus chalybeus</i> (Wiedemann) Diptera, Dolichopodidae	Notable/Nb
---	-------------------

Metallic fly. Mainly known from the southern half of England where it is uncommon and very local.

<i>Hercostomus praetextatus</i> (Haliday) Diptera, Dolichopodidae	Notable/Nb
--	-------------------

A local coastal species ranging from Devon to Argyll. Larvae are predatory.

<i>Poecilobothrus principalis</i> (Loew) Diptera, Dolichopodidae	Notable/Nb
---	-------------------

A dolichopodid fly found on coastal levels and saltmarshes. Larval biology is unknown, but probably semi-aquatic predators in brackish mud. Adults are found beside brackish pools and ditches and there is a single record from a swallows nest near Gibraltar Point - presumably resulting from the birds feeding on nearby saltmarshes. Essentially a coastal species recorded from the south and east coast of Britain from Pembrokeshire to Lincolnshire with an isolated record from Durham. There are purported inland records from Wiltshire and Woodwalton Fen, but these are regarded as suspect.

<i>Rhaphium lanceolatum</i> Loew Diptera, Dolichopodidae	Notable/Nb
---	-------------------

Medium sized metallic fly. Most records are from Scotland, but there is an unconfirmed report from Yorks. (Austwick). Rare.

<i>Syntormon spicatus</i> (Loew) Diptera, Dolichopodidae	Notable/Nb
---	-------------------

Small metallic fly of marshy places. Very uncommon and local in Southern England, but also recorded from Midlothian.

<i>Neurigona suturalis</i> (Fallen) Diptera, Dolichopodidae	Notable/Nb
--	-------------------

A medium sized yellow fly found in woodlands. Males have been recorded flying in a zig-zag pattern up tree trunks, presumably as part of their courtship. Uncommon in England north to Lancs. and Yorks.

<i>Nephrocerus flavicornis</i> Zetterstedt Diptera, Pipunculidae	Notable/Nb
---	-------------------

An uncommon big-headed fly of woodland in southern England. Larvae are internal parasites of plant bugs (Homoptera). Chiefly in woodland clearings and margins.

<i>Cephalops perspicuus</i> (de Meijere) Diptera, Pipunculidae	RDB2
---	-------------

There are very few records of this fenland fly. The larvae are internal parasites of plant bugs (Homoptera).

<i>Xanthandrus comtus</i> (Harris) Diptera, Syrphidae	Notable/Nb
--	-------------------

A hoverfly which is reasonably frequent in older collections, but has become very scarce in recent decades. However, there have been more records in the last few years so it may be increasing again. In Europe, larvae are known predators of gregarious micro-moth larvae (especially Tortricidae). Adults usually found in scrub or near woodland edge. Mainly southern England, but also recorded from north Wales and Scotland.

<i>Melangyna guttata</i> (Fallen) Diptera, Syrphidae	Notable/Nb
---	-------------------

Small, black and yellow hoverfly. Larvae are aphid predators. Adults usually associated with woodlands. Few widespread records from southern England to Scotland.

<i>Metasyrphus latilunulatus</i> (Collin) Diptera, Syrphidae	Notable/Nb
---	-------------------

An apparently uncommon but difficult to identify hoverfly. Mainly associated with woodland though sometimes reported in other habitats. Larvae predatory on aphids. Mainly found in the southern half of England.

<i>Cheilosia cynocephala</i> Loew Diptera, Syrphidae	Notable/Nb
---	-------------------

Rare hoverfly of chalk areas where larvae have been recorded from *Carduus nutans*. Largely confined to the southern counties of England, but also known on chalk and limestone districts north to Lancashire.

<i>Cheilosia mutabilis</i> (Fallen) Diptera, Syrphidae	Notable/Nb
---	-------------------

A black hoverfly, mainly of dunes and coastal habitats, now rarely inland. Larvae at roots of thistles. Old records are widely distributed but few recent records. Apparently declining.

<i>Lejogaster splendida</i> (Meigen) Diptera, Syrphidae	Notable/Nb
--	-------------------

Metallic coloured Hoverfly. Larvae are said to have been reared from decaying vegetation of a floating mat of *Typha* in an old pond. Adults are mainly associated with brackish and tidal marshes in estuaries, but can also occur in non-brackish fens and marshes. Adults are found visiting flowers, and in marginal vegetation, from May to August. Mainly coastal in distribution from North Wales to Suffolk, but also with a few more northerly records in Skye, Inverness-shire and Aberdeenshire and inland in Berks., Cambs. and Aberdeenshire.

<i>Neoascia geniculata</i> (Meigen) Diptera, Syrphidae	Notable/Nb
---	-------------------

Hoverfly of ditches, ponds & lakes with lush vegetation, especially *Glyceria*. Larvae probably detritus feeders in waterlogged soil. Widely distributed but always very local.

<i>Neoascia interrupta</i> (Meigen) Diptera, Syrphidae	Notable/Nb
---	-------------------

Small hoverfly recently added to the British list. Records confined so far to south eastern England. Found along ditches with plentiful vegetation on grazing levels and further inland beside ponds. The larvae are assumed to be detritus feeders at water margins.

<i>Anasimyia interpuncta</i> (Harris) Diptera, Syrphidae	RDB3
---	-------------

A rare wetland hoverfly, known only from marshes and fens in the south-east and eastern England. There appears to be an association with *Glyceria* but although the larvae are of an aquatic type, the species' ecology remains unclear.

<i>Xylota abiens</i> Meigen Diptera, Syrphidae	Notable/Nb
---	-------------------

A hoverfly which is usually found near streams or ponds in woodland. Larvae of other species in the genus live in decaying wood and an association with alder or beech seems likely in this case. Widespread but uncommon.

<i>Xylota florum</i> (Fabricius) Diptera, Syrphidae	Notable/Nb
--	-------------------

Hoverfly associated with dead wood in moist woodlands. Adults feed from leaf surfaces rather than flowers. Southern species. N to Pembs in W, Durham in E.

<i>Urophora solstitialis</i> Diptera, Tephritidae	pRDB3
--	--------------

A picture-winged fly whose larvae live in the flowerheads of *Carduus nutans*. The adult flies emerge in June. Niblett (1956) claimed this species is frequently misidentified so it is less common than the published records suggest.

<i>Paroxyna absinthii</i> Diptera, Tephritidae	Notable/Nb
---	-------------------

Picture-winged fly. A local saltmarsh species with the larvae feeding on the flower heads of *Artemisia maritima* and *A. vulgaris*.

<i>Dioxyna bidentis</i> (Robineau-Desvoidy) Diptera, Tephritidae	Notable/Nb
---	-------------------

A picture-winged fly. A local species with the larvae feeding on the flower heads and unripe seeds of *Bidens*.

<i>Herina oscillans</i> (Meigen) Diptera, Otitidae	pRDB3
---	--------------

<i>Melieria cana</i> (Loew) Diptera, Otitidae	Notable/Nb
--	-------------------

Small fly, very little known about its biology, but larvae probably develop in decaying vegetable matter. Local and widespread in England.

<i>Melieria picta</i> (Mg) Diptera, Otitidae	Notable/Nb
---	-------------------

A picture-winged fly found in saltmarshes and coastal levels, the majority of records being from the Thames Estuary and the Isle of Wight. The life history is unknown but the larvae probably develop in decaying vegetable matter. Adults have been found from May to August.

<i>Tetanops myopinus</i> Fallen Diptera, Otitidae	Notable/Nb
--	-------------------

A picture-winged fly found mainly on coastal dunes, beaches and occasionally inland. Unfixed foredunes seem to be the preferred habitat. The life history is unknown. The larvae possibly develop in the stem bases or roots of a foredune plant as this is the larval habitat used by closely related species.

<i>Homoneura consobrina</i> (Zetterstedt) Diptera, Lauxaniidae	Notable/Nb
---	-------------------

Small fly found in a variety of situations including woods, gardens, grassland and hedgerows. Larvae of this family develop in rotting vegetation. Records scattered widely in England and Wales north to Yorkshire.

<i>Homoneura tesquae</i> (Becker) Diptera, Lauxaniidae	Notable/Nb
---	-------------------

Small fly which has been bred from a Dunnock's nest. Larvae may be phytophagous or general scavengers. Mainly recorded from the southern counties of England, but also S. Yorks.

<i>Colobaea punctata</i> (Lundbeck) Diptera, Sciomyzidae	Notable/Nb
---	-------------------

Snail killing fly. Pupae have been found in shells of *Lymnaea peregra*, *Planorbis corneus* and *P. planorbis*. Adults usually found beside drying out ponds and ditches, especially on levels marshes. Scattered records in England and Wales.

<i>Pteromicra glabricula</i> (Fallen) Diptera, Sciomyzidae	Notable/Nb
---	-------------------

Rare snail killing fly found near small pools in marshes and near permanent standing water. In the lab. larvae will attack a wide range of aquatic snails but *Lymnaea* spp. are preferred. Each larva requires 2-4 snails to complete development.

<i>Dichetophora finlandica</i> Verbeke Diptera, Sciomyzidae	pRDB3
--	--------------

Rare snail-killing fly found in long grass and herbage near marshes and along wet woodland edges. Biology unknown. Was thought to be confined to Breckland, but recent records from Northumberland, Yorks and Cambs suggest it is more widespread.

<i>Psacadina verbekei</i> Rozkowsky Diptera, Sciomyzidae	Notable/Nb
---	-------------------

A brown snail-killing fly found in fens and mesotrophic wetlands. Larvae will feed on a wide range of terrestrial and aquatic snails in the laboratory but prefer *Lymnaea* spp. Records appear to be mainly southern.

<i>Tetanocera freyi</i> Stackelberg Diptera, Sciomyzidae	RDB3
---	-------------

Rare snail killing fly. Biology unknown. Occurs in wetlands though habitat preferences are uncertain, widely distributed from Hants. to Perthshire, though always rare.

<i>Stenomicra delicata</i> (Collin) Diptera, Aulacigastridae	pRDB2
---	--------------

<i>Anagnota bicolor</i> (Meigen) Diptera, Anthomyzidae	Notable/Nb
---	-------------------

Rare & little known fly associated with reedbeds. England N to Humberside.

<i>Ectemnius sexcinctus</i> (Fabricius, 1775) Hymenoptera, Sphecidae	Notable/Nb
---	-------------------

A digger wasp which nests in dead wood exposed to the sun, such as tree stumps and old fence posts. The nests are stocked with large flies. Adults are found from May to September, particularly on large umbellifers.

<i>Oxybelus argentatus</i> Curtis Hymenoptera, Sphecidae	Na
---	-----------

Digger wasp, mainly a coastal species, though it is also recorded from dry sandy areas inland e.g. Brecks. Preys on Diptera, particularly *Thereva annulata*.

<i>Oxybelus mandibularis</i> Dahlbom Hymenoptera, Sphecidae	Na
--	-----------

Digger wasp. Occurs in dry sandy areas from Devon to Cheshire and Norfolk. Preys on Diptera especially muscids. Local and uncommon.

<i>Podalonia affinis</i> (Kirby) Hymenoptera, Sphecidae	RDB3
--	-------------

Large black & red solitary sand wasp nesting in sandy soil. Prey: caterpillars. England N to Yorks/Lancs. Nowhere common.

<i>Podalonia hirsuta</i> (Scopoli) Hymenoptera, Sphecidae	Notable/Nb
--	-------------------

A southern species burrowing into sand and provisioning its nest with caterpillars.

<i>Argogorytes fargei</i> (Schuckard) Hymenoptera, Sphecidae	Na
---	-----------

Black and yellow sphecid wasp nesting in soil, requiring bare or sparsely vegetated banks of clay, gravel or sand, fully exposed to the sun but also needing herbaceous vegetation supporting 'cuckoo-spit' insects (*Philaenus spumarius*), which are its prey. A very scarce species, with about a dozen post-1970 sites in England and Wales.

<i>Philanthus triangulum</i> (Fabricius) Hymenoptera, Sphecidae	RDB2
--	-------------

A yellow and black digger wasp found in lowland heath, coastal sand dunes and cliffs where it excavates nest burrows in sandy soil. The nest is provisioned with paralysed bees, mostly honeybees *Apis mellifera*, but wild species will also be taken. The British stronghold is the Isle of Wight, with recent records also from Suffolk and Norfolk. Public pressure (= trampling) may benefit some sites by keeping the vegetation cover sparse.

<i>Dasypoda alternator</i> (Harris) Hymenoptera, Melittidae	Notable/Nb
--	-------------------

A mining bee occurring mainly in sandy coastal habitats, especially dunes. Also recorded, rather more sparingly, from sandy locations inland such as heaths and sandpits. Nesting burrows are dug in aggregations in bare areas including footpaths. Adults are on the wing from June to September and the females gather pollen exclusively from yellow composites such as *Senecio*. Still reasonably widespread in southern Britain as far north as S. Lancs and Norfolk but seems to have declined at inland sites, probably due to the loss and deterioration of heathland and other sandy habitats.

<i>Anagnota collini</i> Czerny Diptera, Anthomyzidae	pRDB2
---	--------------

Anthomyzid fly. Very rare. Larvae develop in the galls of the Chloropid fly *Lipara* formed on *Phragmites*, also recorded from the galls of the mite *Stenotarsonemus*.

<i>Ochthera manicata</i> Diptera, Ephydriidae	pRDB3
--	--------------

Small shore fly only recorded from fens in Norfolk and Suffolk. It can only be reliably separated from *O. mantis* by examination of genitalia and thus may prove to be more widespread.

<i>Eutropha fulvifrons</i> (Haliday) Diptera, Chloropidae	Notable/Nb
--	-------------------

Small fly occurring on coastal dunes, biology unknown though larvae are probably phytophagous. Records widespread.

<i>Sarcophila latifrons</i> (Fallen) Diptera, Sarcophagidae	Notable/Nb
--	-------------------

A flesh fly usually found in coastal dunes and beaches. Has been reared from carrion and dead insects, and may possibly be a parasitoid or predator of grasshoppers. Widely distributed but very local on southern coasts from Glamorgan to Norfolk, but most often recorded from Cornwall. Has also been found inland on a sandy common in Surrey.

<i>Scathophaga tinctinervis</i> (Becker) Diptera, Scathophagidae	RDB2
---	-------------

<i>Gimnomera tarsea</i> (Fallen) Diptera, Scathophagidae	Notable/Nb
---	-------------------

A fly with larvae developing in the seed capsules of marsh lousewort (*Pedicularis palustris*). Widely scattered distribution with records throughout Scotland and from Durham, Merioneth and the Norfolk Broads.

<i>Phaonia falleni</i> Michelsen Diptera, Muscidae	Notable/Nb
---	-------------------

Medium sized fly. Widespread but uncommon.

<i>Lispe uliginosa</i> Fallen Diptera, Muscidae	Notable/Nb
--	-------------------

Medium sized fly. England north to Lancs/Yorks. Uncommon.

<i>Dexiopsis lacustris</i> Karl Diptera, Muscidae	Notable/Nb
--	-------------------

A fly of sandy shores and coastal dunes with a predominantly southern distribution but also a few Scottish records. The biology of this species is unknown but other members of the genus breed beneath vegetation, including seaweed, on or near beaches. Adults occur from May to August.

<i>Dolichovespula saxonica</i> Hymenoptera, Vespidae	RDB K
---	--------------

New addition to the British list.

<i>Macropis europaea</i> Warncke Hymenoptera, Melittidae	Na
---	-----------

Solitary bee, a rare southern species with most records from the East Anglian fens. Adults are frequently found feeding at the flowers of yellow loosestrife.

<i>Megachile leachella</i> Curtis Hymenoptera, Megachilidae	Notable/Nb
--	-------------------

A local species most frequent on the coast.

