

Notable invertebrates associated with lowland meadows

Spiders and allies (Arachnida: Araneae and Pseudoscorpiones)

<i>Aulonia albimana</i>	RDB1
<i>Agraecina striata</i>	Nb
<i>Argiope bruennichi</i>	Na
<i>Centromerus incilium</i>	Nb
<i>Hypomma fulvum</i>	Na
<i>Lepthyphantes insignis</i>	Nb
<i>Maso gallicus</i>	Na
<i>Pardosa agrestis</i>	Nb
<i>Porrhomma errans</i>	Nb
<i>Singa hamata</i>	Nb
<i>Theridiosoma gemmosum</i>	Nb
<i>Trachyzelotes pedestris</i>	Nb
<i>Xysticus acerbus</i>	Na

Woodlice (Isopoda)

<i>Trichoniscoides albidus</i>	Nb
--------------------------------	----

Dragonflies and damselflies (Odonata)

<i>Coenagrion mercuriale</i>	BAP Priority	flood meadows in Hants
<i>Coenagrion pulchella</i>	RDB	eg Amberley Wildbrooks, Sussex
<i>Libellula fulva</i>		rivers through meadows
<i>Platycnemis pennipes</i>	White-legged damselfly	rivers through meadows
<i>Gomphus vulgatissimus</i>		rivers through meadows

True bugs (Hemiptera-Heteroptera)

<i>Cymus aurescens</i>	Nb
<i>Adelphocoris ticinensis</i>	Nb
<i>Adelphocoris seticornis</i>	Nb
<i>Capsodes wagneri</i>	Nb
<i>Globiceps flavomaculatus</i>	Nb
<i>Capsodes gothicus</i>	Local

Flies (Diptera)

Snail-killing flies, picture-wing flies, grass flies and allies (Acalyptrata)

<i>Dorycera graminum</i>	(Ulidiidae)	RDB3
<i>Acinia corniculata</i>	(Tephritidae)	RDB1
<i>Minettia flaviventris</i>	(Lauxaniidae)	RDB3
<i>Oxya nebulosa</i>	(Tephritidae)	RDB3
<i>Acanthiophilus helianthi</i>	(Tephritidae)	N calcareous only
<i>Dicraeus scibilis</i>	(Chloropidae)	N
<i>Dicraeus tibialis</i>	(Chloropidae)	N
<i>Incertella scotica</i>	(Chloropidae)	N
<i>Oscinella angularis</i>	(Chloropidae)	N
<i>Oscinisoma gilvipes</i>	(Chloropidae)	N
<i>Sepsis biflexuosa</i>	(Sepsidae)	N

Blowflies, dungflies and allies (Calypttrata)

<i>Erycia furibunda</i>	(Tachinidae)	RDB2
<i>Nanna brevifrons</i>	(Scathophagidae)	N
<i>Zophomyia temula</i>	(Tachinidae)	N

Soldier flies, bee flies, robber flies & allies (Larger Brachycera)

<i>Asilus crabroniformis</i>	BAP Priority
<i>Odontomyia argentata</i>	RDB2

Hoverflies (Syrphidae)

<i>Anasymia interpuncta</i>	RDB3
<i>Cheilosia nebulosa</i>	RDB3
<i>Platycheirus amplus</i>	[status not known]
<i>Cheilosia mutabilis</i>	N
<i>Cheilosia pubera</i>	N
<i>Eupeodes latilunatus</i>	N
<i>Microdon myrmicae</i>	N
<i>Neoascia obliqua</i>	N
<i>Orthonevra brevicornis</i>	N

Anasymia interpuncta may be present if pools and ditches are present. *Cheilosia pubera* is associated with wet meadows. *Neoascia obliqua* is associated with *Petasites* if present in wet meadows. *Orthonevra brevicornis* may be present if flushes are present. *Cheilosia chrysocoma* may occur if *Angelica* is present. *Cheilosia cynocephala* may occur if *Carduus acanthoides* or *C. nutans* are present. *Epistrophe diaphana* likes meadows with lots of umbels in Warwickshire. *Platycheirus aulolateralis* has been taken on one classic meadow site in Warks. Other potential candidates include *Pipizella virens* (a regular in neutral grasslands in Warks), *Triglyphus primus* (if *Artemisia* is present) and *Volucella inanis* and *V. zonaria*.

Craneflies (Tipulidae)

<i>Tipula nigra</i>	
<i>Symplecta hybrida</i>	

Beetles (Coleoptera)

Ground beetles (Carabidae)

<i>Carabus monilis</i>	Nb
------------------------	----

Leaf beetles (Chrysomelidae)

<i>Aphthona nigriceps</i>	Na
<i>Cassida prasina</i>	Nb
<i>Longitarsus lycopi</i>	Nb
<i>Mantura obtusata</i>	Nb

Weevils (Curculionoidea)

<i>Pseudorchestes pratensis</i>	Nb
<i>Pelenomus comari</i>	Nb
<i>Pelenomus waltoni</i>	Nb

Rove beetles and allies (Staphylinidae/Scydmaenidae/Silphidae)

<i>Anotylus fairmairei</i>	RDBK
<i>Oxytelus piceus</i>	RDBK
<i>Lathrobium pallidum</i>	RDBK
<i>Rugilus geniculatus</i>	RDBI
<i>Platystethus nodifrons</i>	N
<i>Anotylus insecatus</i>	N
<i>Anotylus saulcyi</i>	N
<i>Stenus carbonarius</i>	Nb
<i>Stenus circularis</i>	Nb
<i>Lathrobium ripicola</i>	N
<i>Achenium humile</i>	Nb

<i>Sunius melanocephalus</i>	N
<i>Astenus immaculatus</i>	N
<i>Rugilus similis</i>	N
<i>Philonthus nitidicollis</i>	Nb
<i>Stenus biguttatus</i>	Local
<i>Stenus canaliculatus</i>	Local
<i>Stenus formicetorum</i>	Local
<i>Stenus fuscipes</i>	Local
<i>Stenus guttula</i>	Local
<i>Stenus melanopus</i>	Local
<i>Stenus pallipes</i>	Local
<i>Lathrobium longulum</i>	Local
<i>Lathrobium multipunctum</i>	Local
<i>Achenium depressum</i>	Local
<i>Othius laeviusculus</i>	Local
<i>Quedius aridulus</i>	Local
<i>Quedius schatzmayri</i>	Local
<i>Quedius semiaeneus</i>	Local
Click beetles (Elateridae)	
<i>Synaptus filiformis</i>	RDB1
<i>Aplotarsus angustulus</i>	RDB3
<i>Paraphotistus nigricornis</i>	RDB3
<i>Ctenicera pectinicornis</i>	Na
<i>Oedostethus quadripustulatus</i>	Na
Long-horned beetles (Cerambycidae)	
<i>Phytoecia cylindrica</i>	Nb
Caddis flies (Trichoptera)	
? <i>Grammotaulius nitidus</i>	RDB1
? <i>Erotosis baltica</i>	RDB2
Both species may be associated with fens, reeds, and lake edges	
Ants, bees and wasps (Hymenoptera: Aculeata)	
<i>Bombus ruderatus</i>	BAP Priority