

## Notable invertebrates associated with lowland dry acid grassland

Spiders and allies (Arachnida: Araneae and Pseudoscorpiones)

<i>Walckenaeria stylifrons</i>	RDB1
<i>Centromerus serratus</i>	Nb

Centipedes (Chilopoda)

<i>Lithobius lapidicola</i>	RDBK
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Grasshoppers, crickets, earwigs and cockroaches (Orthoptera/Dermaptera/Dictyoptera)

<i>Gryllus campestris</i> Field cricket	BAP Priority
<i>Stenobothrus lineatus</i>	Should be considered worthy of conservation effort

True Bugs (Hemiptera)

Heteroptera

<i>Odontoscelis fuliginosa</i>	RDB3
<i>Arenocoris waltli</i>	RDB2
<i>Rhopalus rufus</i>	RDB3
<i>Ortholomus punctipennis</i>	RDB3
<i>Peritrechus gracilicornis</i>	RDBK
<i>Amblytylus delicates</i>	RDB3
<i>Lygus pratensis</i>	RDB3
<i>Legnotus picipes</i>	Nb
<i>Odontoscelis lineola</i>	Nb
<i>Spathocera dahlmanni</i>	Na
<i>Drymus latus</i>	Nb
<i>Drymus pumilio</i>	Nb
<i>Emblethis denticollis</i>	pNb
<i>Graptopeltus lynceus</i>	Nb
<i>Lasiosomus enervis</i>	Nb
<i>Megalonotus dilatatus</i>	Nb
<i>Megalonotus praetextatus</i>	Nb
<i>Megalonotus sabulicola</i>	Nb
<i>Berytinus hirticornis</i>	Nb
<i>Nabis pseudoferus</i>	Nb
<i>Chlamydatus pulicarius</i>	Nb
<i>Systellonotus triguttatus</i>	Nb
<i>Syromastes rhombeus</i>	Local
<i>Arenocoris falleni</i>	Local
<i>Ceraleptes lividus</i>	Local
<i>Liorhyssus hyalinus</i>	Local
<i>Alydus calcaratus</i>	Local
<i>Eremocoris podagricus</i>	Local
<i>Berytinus crassipes</i>	Local
<i>Berytinus montivagus</i>	Local
<i>Berytinus signoreti</i>	Local
<i>Coranus subapterus</i>	Local
<i>Conostethus roseus</i>	Local

Leafhoppers, planthoppers, froghoppers, treehoppers & cicadas (Auchenorrhyncha)

<i>Ribautodelphax angulosus</i>	Nb
<i>Struebingianella dalei</i>	Nb

## Flies (Diptera)

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

<i>Tricimba brachyptera</i>	(Chloropidae)	RDB3
<i>Oscinimorpha arcuata</i>	(Chloropidae)	N
<i>Trachysiphonella ruficeps</i>	(Chloropidae)	N

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

<i>Machimus arthriticus</i>		RDB1
<i>Eutolmus rufibarbis</i>		RDB3

Blowflies, dungflies and allies (Calypttrata)

<i>Freraea gagatea</i>	(Tachinidae)	RDB3
<i>Gonia divisa</i>	(Tachinidae)	RDB3
<i>Subclytia rotundiventris</i>	(Tachinidae)	RDB3
<i>Helina crinita</i>	(Muscidae)	RDB2
<i>Helina tetrastigma</i>	(Muscidae)	RDB3
<i>Hydrotaea glabricula</i>	(Muscidae)	RDB3
<i>Coenosia atra</i>	(Muscidae)	N
<i>Macronychia griseola</i>	(Sarcophagidae)	RDB3
<i>Miltogramma germari</i>	(Sarcophagidae)	RDB3
<i>Sarcophila latifrons</i>	(Sarcophagidae)	N
<i>Oestrus ovis</i>	(Oestridae)	RDB3
<i>Eurithia intermedia</i>	(Tachinidae)	N
<i>Scathophaga scybalaria</i>	(Scathophagidae)	N

In addition to the species covered below, several ungraded calypterates have a strong association with acid grassland. They include *Dexia rustica*, *Helina ciliatocosta*, *Linnaemyia vulpina*, *Medina collaris*, *Metopia staegeerii* and *Prosenia siberita*. *Atherigona varia* was also added to the British list recently from acidic, herb-rich acid grassland and is presumed to be a grass feeder.

## Beetles (Coleoptera)

Ground beetles (Carabidae)

<i>Harpalus froelichii</i>	BAP Priority	RDB2
<i>Harpalus dimidiatus</i>	BAP Priority	Na
<i>Amara fusca</i>		RDB1
<i>Bradycellus csikii</i>		RDB1
<i>Harpalus pumilus</i>		Na
<i>Amara consularis</i>		Nb
<i>Amara equestris</i>		Nb
<i>Amara fulva</i>		Nb
<i>Amara lucida</i>		Nb
<i>Calathus ambiguus</i>		Nb
<i>Harpalus smaragdinus</i>		Nb
<i>Licinus depressus</i>		Nb
<i>Notiophilus aesthuans</i>		Nb
<i>Panagaeus bipustulatus</i>		Nb

Leaf beetles (Chrysomelidae)

<i>Psylliodes sophiae</i>		RDB 2
<i>Cassida nebulosa</i>		RDB K
<i>Mantura rustica</i>		Notable B

Weevils (Curculionoidea)

<i>Procas granulicollis</i>		(RDB Ind)
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<i>Apion rubiginosum</i>	RDB3
<i>Smicronyx coecus</i>	RDB3
<i>Aizobius (=Apion, partim) sedi</i>	Nb
<i>Perapion affine</i>	Na
<i>Protapion dissimile</i>	Nb
<i>Smicronyx jungermanniae</i>	Nb
<i>Ceutorhynchus atomus</i>	Na
<i>Acalles ptinoides</i>	Nb

Dry Acid Grassland is far less rich than calcareous grassland for weevils. The listed species include several which are perhaps not true grassland species, but which can be included because their habitats are not appropriately assigned to any other Priority Habitat.

#### Rove beetles and allies (Staphylinidae/Scydmaenidae/Silphidae)

<i>Hetrothops dissimilis</i>	RDBK
<i>Lamprinodes saginatus</i>	Na
<i>Stenus aceris</i>	Local
<i>Quedius aridulus</i>	Local
<i>Ousipalia caesula</i>	Local

#### Dung beetles and chafers (Scarabaeidae)

<i>Copris lunaris</i>	RDB1
<i>Heptaulacus testudinarius</i>	RDB1
<i>Euheptaulacus sus</i>	RDB1
<i>Aphodius putridus</i>	Nb
<i>Euheptaulacus villosus</i>	Na
<i>Aphodius porcus</i>	Nb
<i>Aphodius sordidus</i>	Na
<i>Aphodius coenosus</i>	Nb
<i>Aphodius distinctus</i>	Nb
<i>Aphodius paykulli</i>	Nb

#### Skin beetles (Trogidae)

<i>Trox sabulosus</i>	Na
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#### Earth-boring dung beetles (Geotrupidae)

<i>Geotrupes vernalis</i>	Local
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#### Ants, bees and wasps (Hymenoptera: Aculeata)

<i>Cerceris quadricincta</i>	BAP Priority
<i>Cerceris quinquefasciata</i>	BAP Priority
<i>Andrena ferox</i>	BAP Priority
<i>Andrena gravida</i>	BAP Priority
<i>Andrena alfkenella</i>	RDB3
<i>Halictus confusus</i>	RDB3
<i>Lasioglossum pauperatum</i>	RDB3
<i>Heriades truncorum</i>	RDB3, Very rare
<i>Stelis breviscula</i>	RDB1, Very rare
<i>Nomada guttulata</i>	RDB1
<i>Nomada hirtipes</i>	RDB3
<i>Hedychridium roseum</i>	Scarce
<i>Hedychridium coriaceum</i>	RDB3, Rare
<i>Hedychrum niemelai</i>	RDB3, Scarce
<i>Chrysis viridula</i>	Scarce

<i>Pseudospinola neglecta</i>	Scarce
<i>Smicromyrme rufipes</i>	Nb, Scarce
<i>Tiphia femorata</i>	Scarce
<i>Monosapyga clavicornis</i>	Nb, Scarce
<i>Caliadurgus fasciatellus</i>	Scarce
<i>Cryptocheilus notatus</i>	RDB3, RDB2, Rare
<i>Priocnemis agilis</i>	Nb, Scarce
<i>Mimesa bruxellensis</i>	Na, Rare
<i>Diodontus insidiosus</i>	RDB3, Scarce
<i>Nysson dimidiatus</i>	Nb, Scarce
<i>Colletes marginatus</i>	RDB3, Na, Scarce
<i>Andrena bimaculata</i>	Nb, Scarce
<i>Andrena bucephala</i>	RDB3, Na, Rare
<i>Andrena hafforfiana</i>	RDB3, Scarce
<i>Andrena humilis</i>	Nb, Scarce
<i>Andrena labiata</i>	RDB3, Na, Scarce