

Provisional atlas of shieldbugs and allies

March 2018

version 1.1 produced by Tristan Bantock for the Terrestrial Heteroptera Recording Scheme

Acanthosomatidae		Cydnidae	
<i>Acanthosoma haemorrhoidale</i>	2	<i>Adomerus biguttatus</i>	10
<i>Cyphostethus tristriatus</i>	2	<i>Canthophorus impressus</i>	11
<i>Elasmotethus interstinctus</i>	3	<i>Geotomus punctulatus</i>	11
<i>Elasmucha ferrugata</i>	3	<i>Legnotus limbosus</i>	12
<i>Elasmucha grisea</i>	4	<i>Legnotus picipes</i>	12
Alydidae		<i>Sehirus luctuosus</i>	13
<i>Alydus calcaratus</i>	4	<i>Tritomegas bicolor</i>	13
Coreidae		<i>Tritomegas sexmaculatus</i>	14
<i>Arenocoris fallenii</i>	5	Pentatomidae	
<i>Arenocoris waltlii</i>	5	<i>Aelia acuminata</i>	14
<i>Bathysolen nubilus</i>	6	<i>Carpocoris purpuripennis</i>	15
<i>Ceraleptus lividus</i>	6	<i>Chlorochroa juniperina</i>	15
<i>Coreus marginatus</i>	7	<i>Dolycoris baccarum</i>	16
<i>Coriomeris denticulatus</i>	7	<i>Dyroderes umbraculatus</i>	16
<i>Enoplops scapha</i>	8	<i>Eurydema dominulus</i>	17
<i>Gonocerus acutaeangulatus</i>	8	<i>Eurydema oleracea</i>	17
<i>Leptoglossus occidentalis</i>	9	<i>Eurydema ornata</i>	18
<i>Spathocera dalmanii</i>	9	<i>Eysarcoris aeneus</i>	18
<i>Syromastus rhombeus</i>	10	<i>Eysarcoris venustissimus</i>	19
		<i>Neottiglossa pusilla</i>	19
		<i>Nezara viridula</i>	20
		<i>Palomena prasina</i>	20
		<i>Pentatoma rufipes</i>	21
		<i>Peribalus strictus vernalis</i>	21
		<i>Picromerus bidens</i>	22
		<i>Piezodorus lituratus</i>	22
		<i>Podops inuncta</i>	23
		<i>Rhacognathus punctatus</i>	23
		<i>Rhaphigaster nebulosa</i>	24
		<i>Sciocoris cursitans</i>	24
		<i>Troilus luridus</i>	25
		<i>Zicrona caerulea</i>	25
		Pyrrhocoridae	
		<i>Pyrrhocoris apterus</i>	26
		Rhopalidae	
		<i>Brachycarenum tigrinus</i>	26
		<i>Chorosoma schillingi</i>	27
		<i>Corizus hyoscyami</i>	27
		<i>Liorhyssus hyalinus</i>	28
		<i>Myrmus miriformis</i>	28
		<i>Rhopalus maculatus</i>	29
		<i>Rhopalus parumpunctatus</i>	29
		<i>Rhopalus rufus</i>	30
		<i>Rhopalus subrufus</i>	30
		<i>Stictopleurus abutilon</i>	31
		<i>Stictopleurus punctatonevus</i>	31
		Scutelleridae	
		<i>Eurygaster austriaca</i>	32
		<i>Eurygaster maura</i>	32
		<i>Eurygaster testudinaria</i>	33
		<i>Odontoscelis fuliginosa</i>	33
		<i>Odontoscelis lineola</i>	34
		Stenocephalidae	
		<i>Dicranocephalus agilis</i>	34
		<i>Dicranocephalus medius</i>	35
		Thyreocoridae	
		<i>Thyreocoris scarabaeoides</i>	35

The shieldbugs and allies recording scheme was formed in 2010 and covers around 70 species in the superfamilies Pentatomoidea, Coreoidea and Pyrrhocoroidea.

A text summary and map is provided for each species. Maps were produced using DMAP for Windows v7.4 and are based on a dataset of 50,000 records collated up to 2014, which formed the basis of the recent IUCN status review (Bantock, T. *A review of the Hemiptera of Great Britain: The shieldbugs and allied families* (Natural England 2016). Since 2014 one additional species has been added to the British list, the pentatomid *Sciocoris homalonotus*.

Additional records from the NBN Atlas are not included. Records of significant species which the recording scheme considers dubious and likely to be erroneous are not included, but in some cases these are mentioned in the text. Note that some of these records are shown on the NBN Atlas.

Key to map legend

■ Pre-1990 ■ 1990-2014 (symbol priority given to the more recent date class)

Acknowledgements: The recording scheme would like to thank all individual record contributors, as well as numerous organisations and institutions who have made their data available. We are particularly grateful to all those at the Biological Records Centre for their continued support.

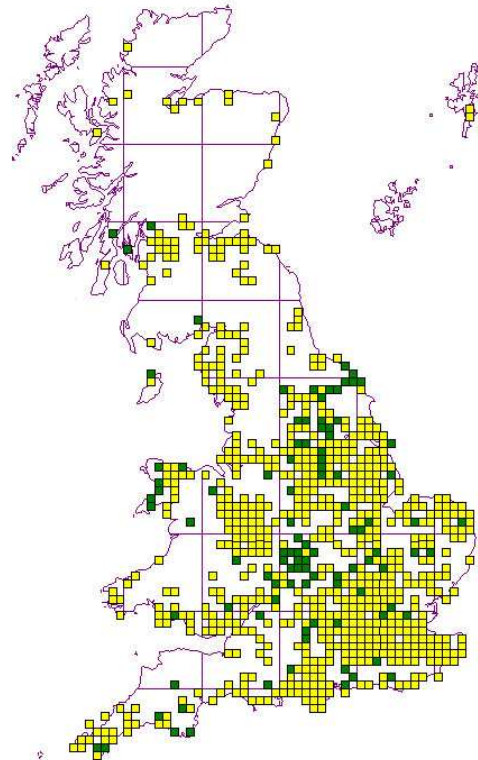
Citation: Bantock, T. (2018) *Provisional atlas of shieldbugs & allies*. Unpublished



Family: Acanthosomatidae

Hawthorn Shieldbug *Acanthosoma haemorrhoidale*

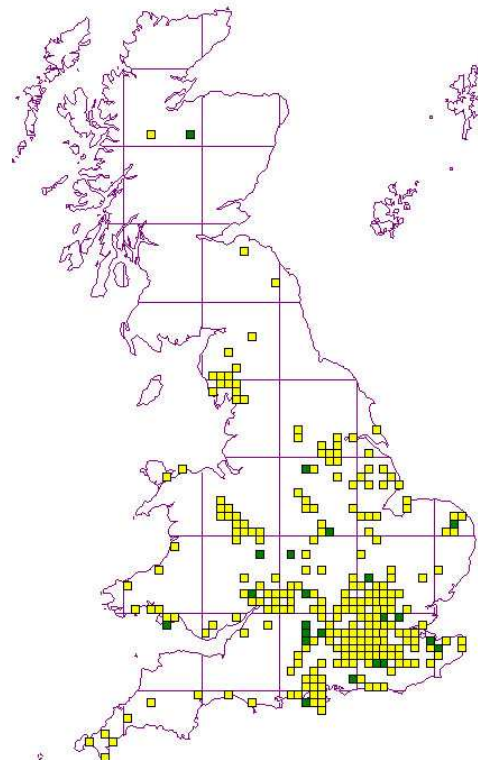
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Arboreal, feeding on hawthorn and other rosaceous trees and shrubs in numerous habitats, including gardens
- Widespread and common throughout much of Britain



Family: Acanthosomatidae

Juniper Shieldbug *Cyphostethus tristriatus*

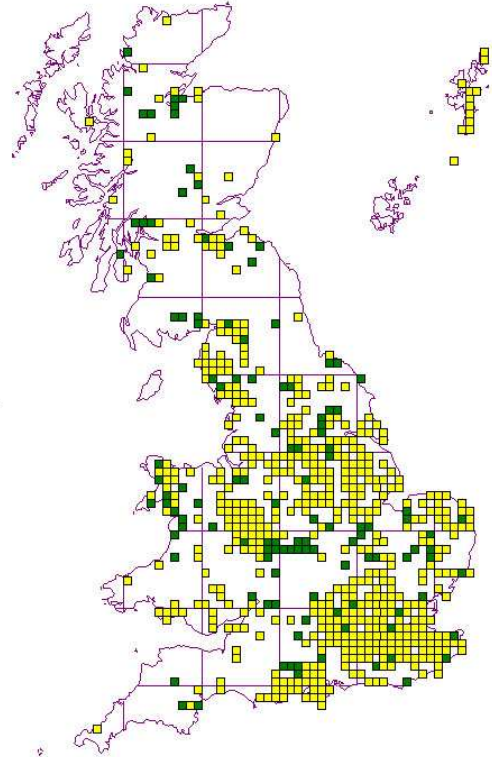
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Historically scarce and confined to juniper *Juniperus communis* in natural habitats
- Since c1970 has spread onto introduced cypresses, particularly Lawson's Cypress *Chamaecyparis lawsoniana* in parks and gardens
- Now widespread and common throughout much of England



Family: Acanthosomatidae

Birch Shieldbug *Elasmotethus interstinctus*

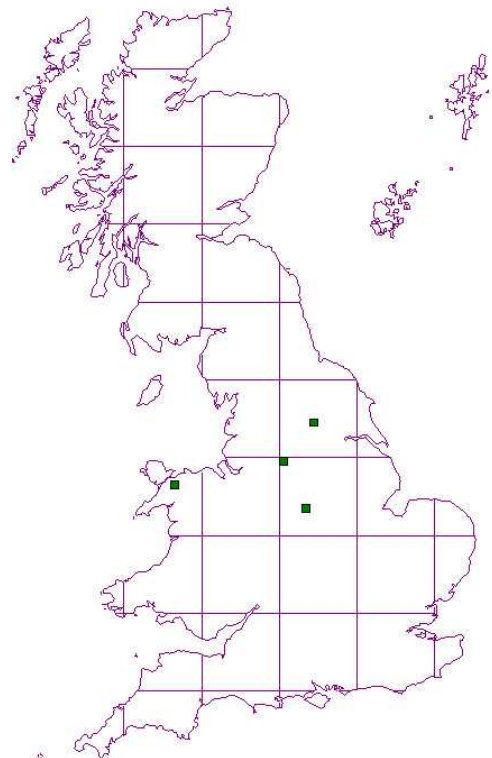
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Arboreal, feeding principally on birch in numerous habitats, including gardens
- Widespread and common throughout much of Britain



Family: Acanthosomatidae

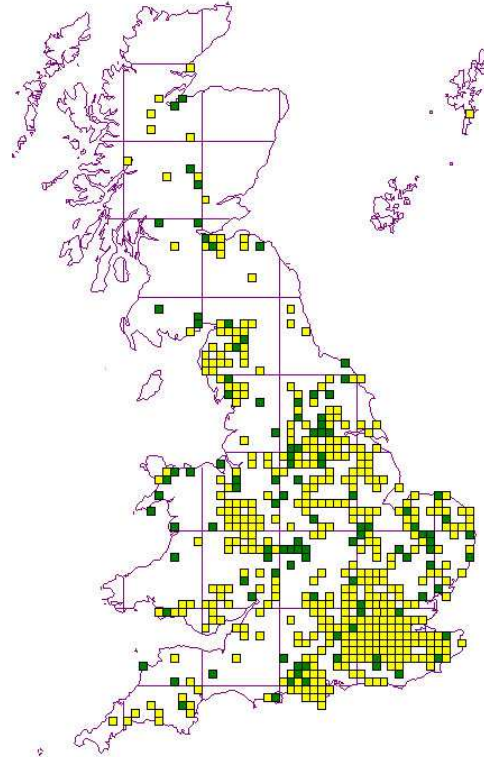
Elasmucha ferrugata

- GB threat: **Critically Endangered (Possibly Extinct)**
- Overwinters as an adult; adult peak spring and autumn
- On the continent associated with honeysuckle and berry-bearing ericaceous shrubs such as bilberry
- Historic status in Britain unclear
- Four British records from Caernarvonshire, Derbyshire and Yorkshire between 1899 and 1950, all of single adults



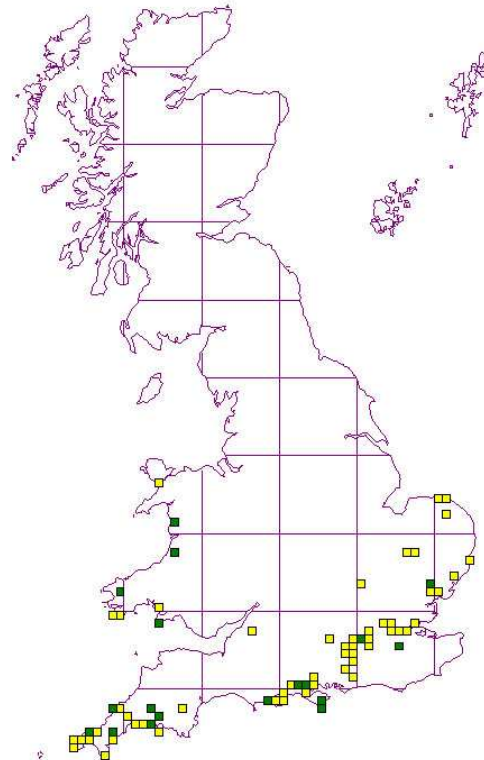
Family: Acanthosomatidae
Parent Bug *Elasmucha grisea*

- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Arboreal, feeding on birch and alder in numerous habitats, including gardens
- Females brood the eggs and young nymphs
- Widespread and common throughout much of Britain



Family: Alydidae
Alydus calcaratus

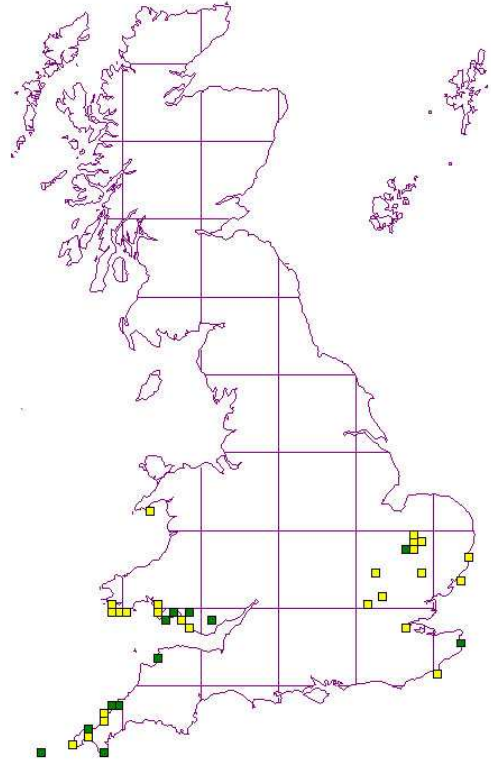
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Ground-dwelling but flies readily; nymphs are excellent ant mimics. Adults are probably plant-feeding
- Various warm and open habitats, particularly heathland, coastal grassland and brownfield sites
- Local throughout southern England and East Anglia; largely coastal in Wales



Family: Coreidae

Fallén's Leatherbug *Arenocoris fallenii*

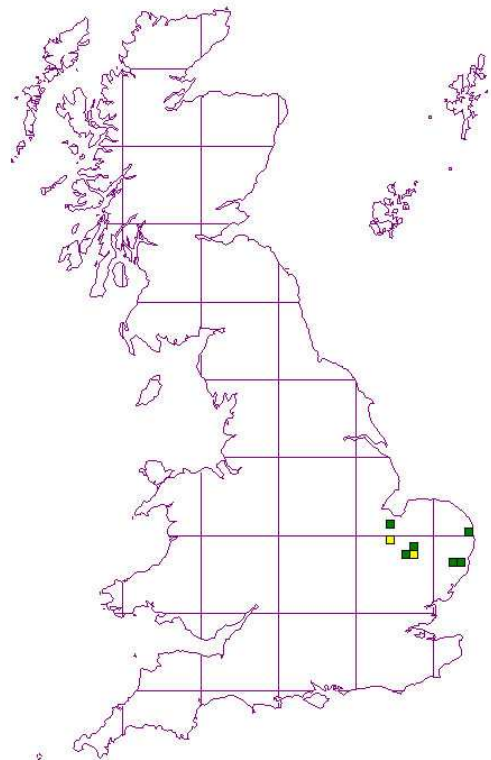
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling; a species of sparsely-vegetated sandy habitats which are often rabbit-disturbed; coastal dunes, brownfield sites and the East Anglian breck
- Associated with storksills *Erodium* species
- Local and mainly coastal in southern England and Wales



Family: Coreidae

Breckland Leatherbug *Arenocoris waltlii*

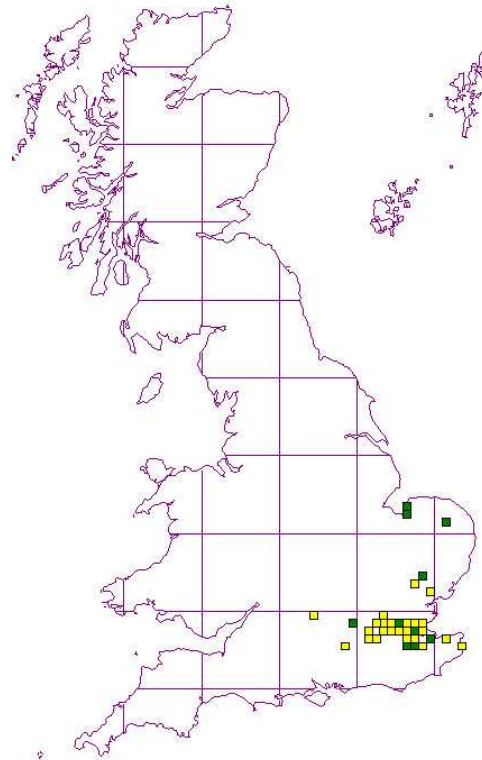
- GB threat: **Critically Endangered**
- GB rarity: **Nationally Rare**
- Overwinters as an adult; adult peak spring and autumn
- No apparent ecological differences between this species and *Arenocoris fallenii*
- No modern records since 1964 until 2011, when it was rediscovered at two sites
- Since 2014 it has been recorded at several other sites in the East Anglian brecks
- Records from Sandwich Bay are unconfirmed and not included



Family: Coreidae

Cryptic Leatherbug *Bathysolen nubilus*

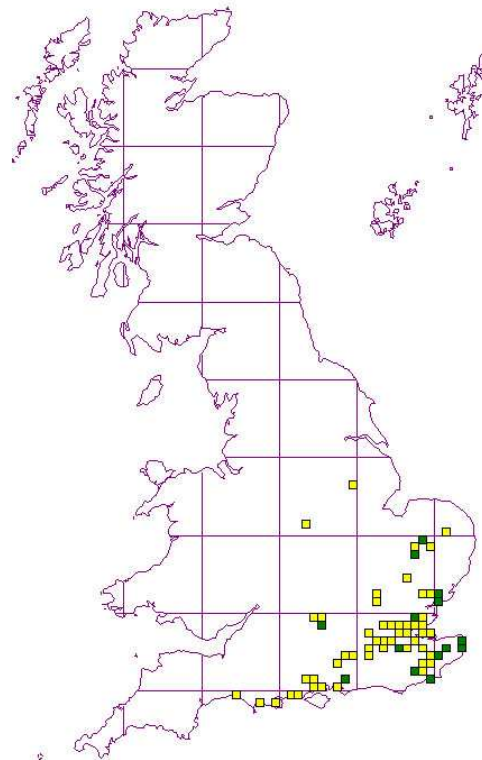
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling and very slow moving and unobtrusive
- A species of warm and dry, open habitats such as grasslands and brownfield sites
- Usually associated with Black Medick *Medicago lupulina*
- Local in south east England and East Anglia



Family: Coreidae

Slender-horned Leatherbug *Ceraleptus lividus*

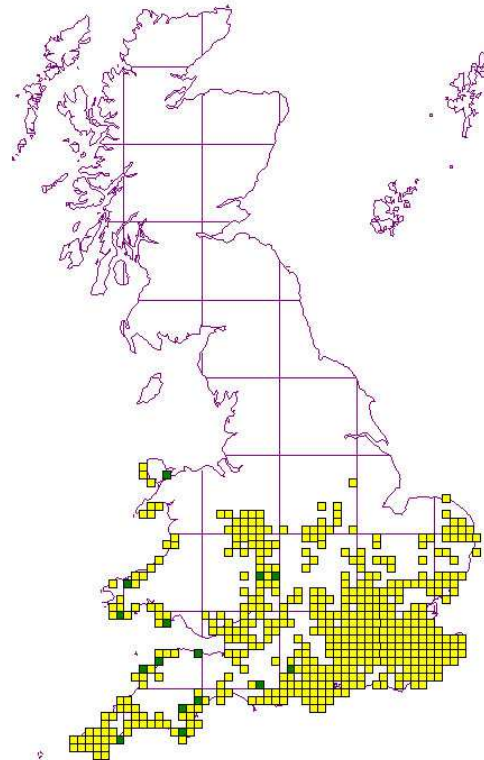
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling, a species of warm and dry, open habitats such as grasslands and brownfield sites
- Associated with various herbaceous legumes such as trefoils, clovers and vetches.
- Local in southern and central England but spreading north
- Rare or absent in the west; the single Welsh record on NBN is erroneous



Family: Coreidae

Dock Bug *Coreus marginatus*

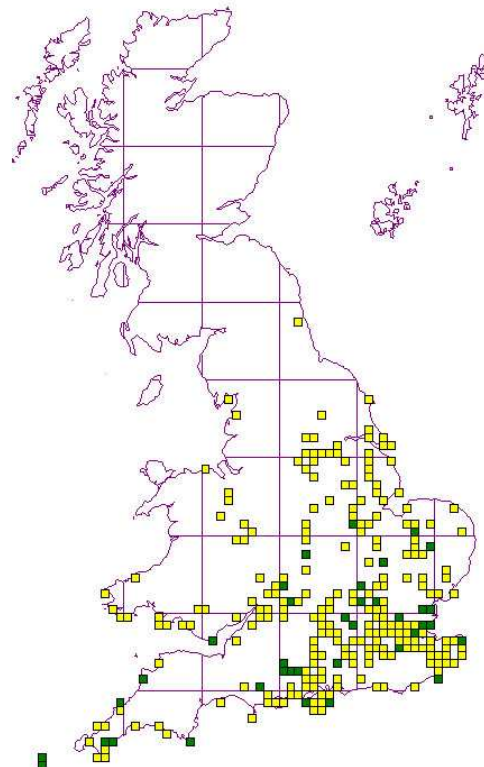
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats, including gardens, feeding on docks and other Polygonaceae
- Widespread and common throughout much of southern Britain
- Spreading north; recorded in Yorkshire during 2015



Family: Coreidae

Denticulate Leatherbug *Coriomeris denticulatus*

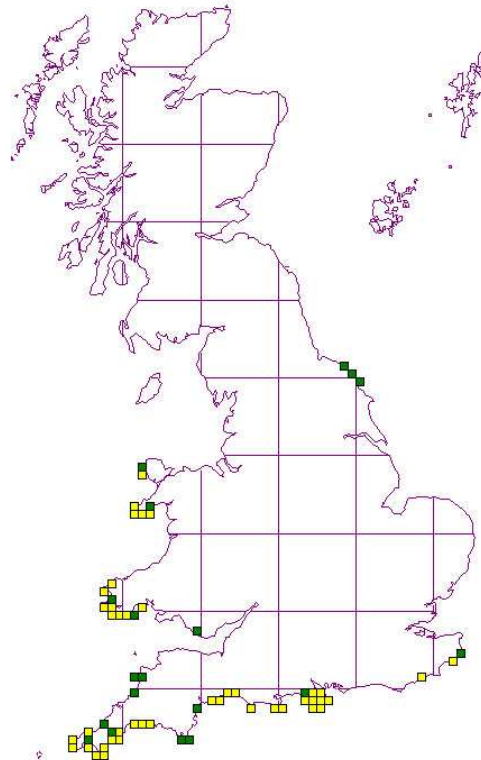
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling, a species of dry, open habitats such as sparsely-vegetated grasslands and brownfield sites
- Associated with various herbaceous legumes including Black Medick *Medicago lupulina*
- Widespread throughout Britain as far north as Northumberland



Family: Coreidae

Boat Bug *Enoplops scapha*

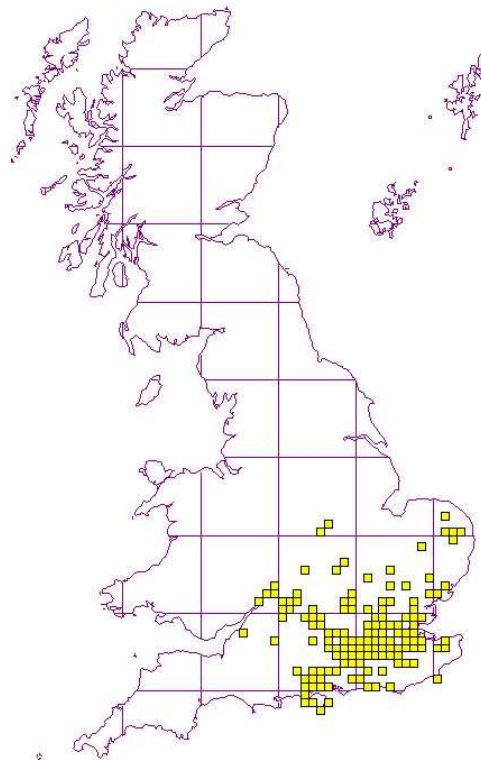
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- A species of coastal cliffs and sand dunes
- Associated with a range of composites
- Local between north Yorkshire and north Wales, but absent from East Anglia and rare in the east of its range



Family: Coreidae

Box Bug *Gonocerus acuteangulatus*

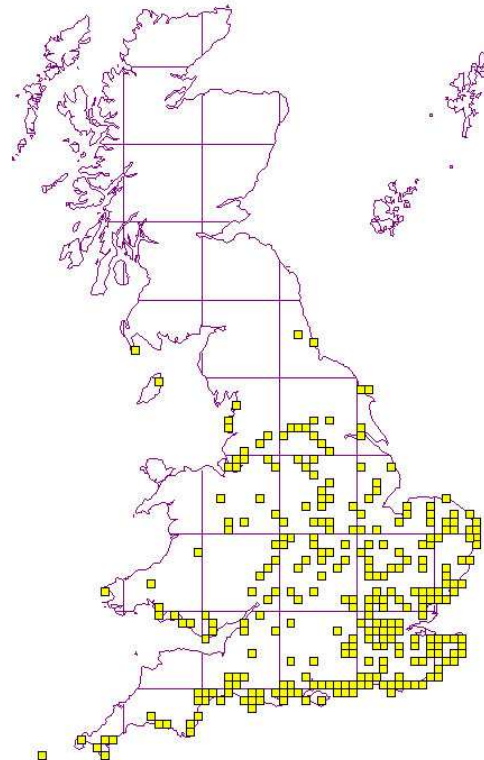
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Historically very rare (RDB1) and known only from Box Hill, Surrey, where it was associated with box *Buxus sempervirens*
- Since 1990 has spread onto alternative host plants, including hawthorn and buckthorn and has expanded its range
- Now widespread in south east England, the Midlands and East Anglia
- Recorded from Lincolnshire during 2017



Family: Coreidae

Western Conifer Seed Bug *Leptoglossus occidentalis*

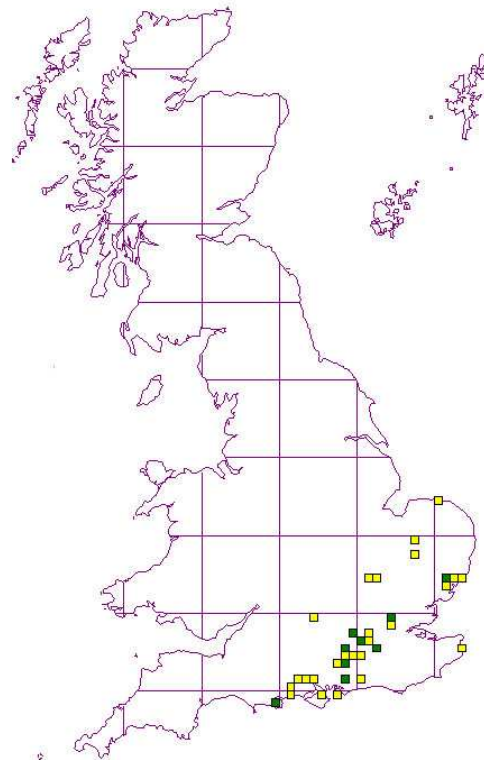
- GB threat: **Not Applicable**
- Overwinters as an adult; adult peak spring and autumn
- Native to North America; introduced into mainland Europe c1999 via timber imports
- First British record 2007
- Arboreal; feeds on pines, particularly Scot's Pine *Pinus sylvestris*
- Overwinters in buildings and comes to light; most records autumn/winter
- Very few records of nymphs
- Rapid colonisation of England and Wales
- Very few records from Scotland



Family: Coreidae

Dalman's Leatherbug *Spathocera dalmanii*

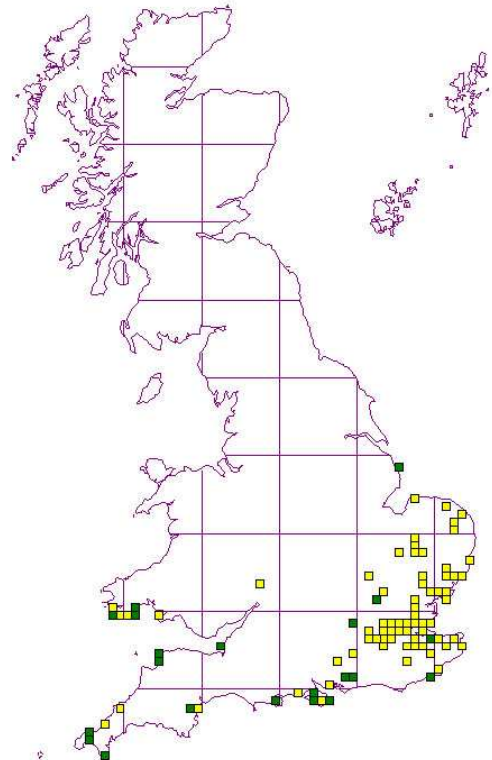
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling, a species of sandy heathland and acid grassland, feeding on Sheep's Sorrel *Rumex acetosella*
- Small, slow-moving and easily overlooked
- Very local in southern England and East Anglia



Family: Coreidae

Rhombic Leatherbug *Syromastus rhombeus*

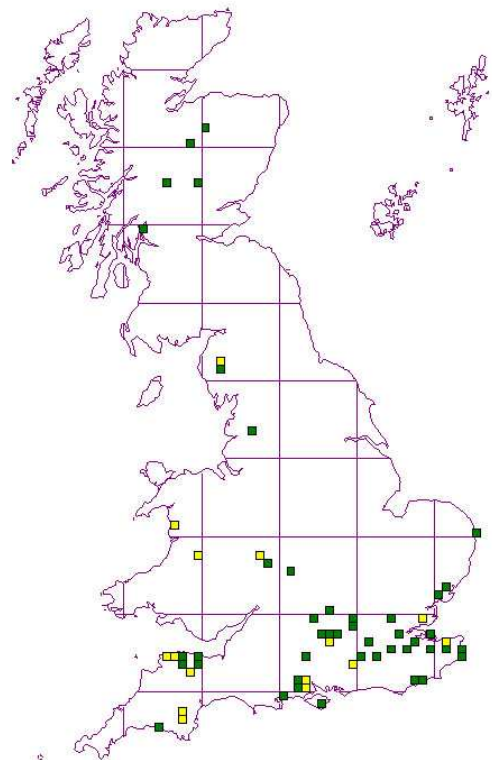
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats such as grasslands and brownfield sites
- Associated with Caryophyllaceae such as campions, spurreys and sandworts
- Local in southern England, East Anglia and south Wales, but mainly coastal in the west of its range



Family: Cydnidae

Cow-wheat Shieldbug *Adomerus biguttatus*

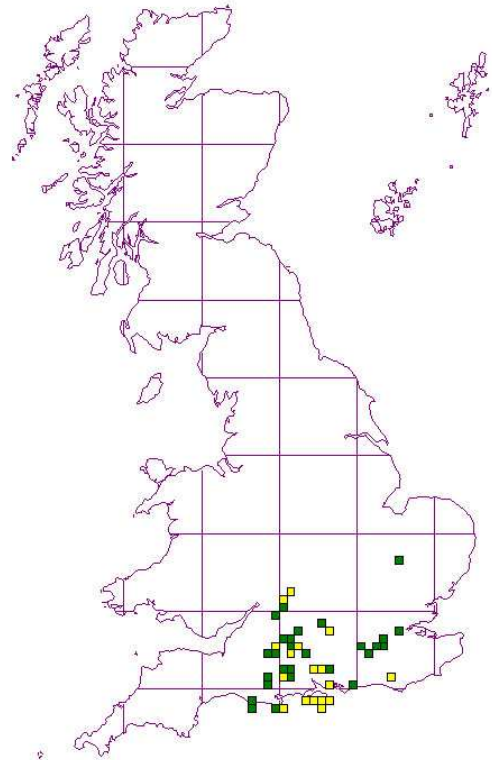
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling; a species of woodland rides and coppices, feeding on Common Cow-wheat *Melampyrum pratense*
- Widespread but much declined following abandonment of traditional woodland management, particularly in south east England



Family: Cydnidae

Down Shieldbug *Canthophorus impressus*

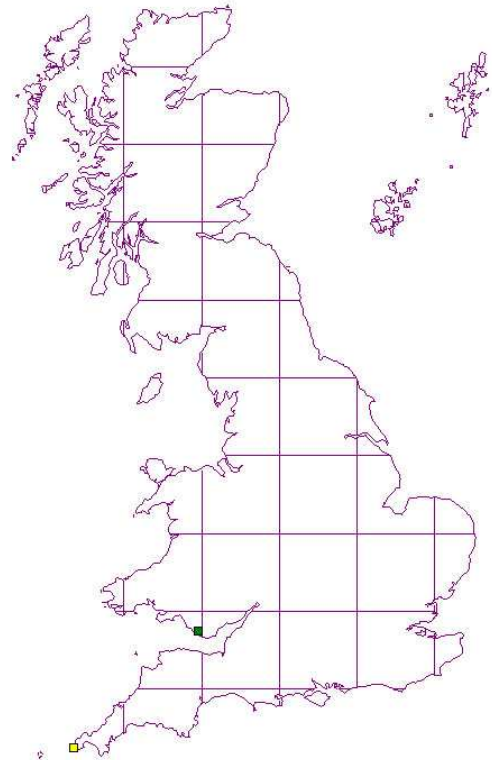
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Historically misidentified in Britain as the very similar *Canthophorus dubius*
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling; a species of high quality unimproved chalk grassland, feeding on Bastard Toadflax *Thesium humifusum*
- Very local in southern and central England
- Lost from East Anglia and Surrey
- Recently discovered in East Sussex



Family: Cydnidae

Cornish Shieldbug *Geotomus punctulatus*

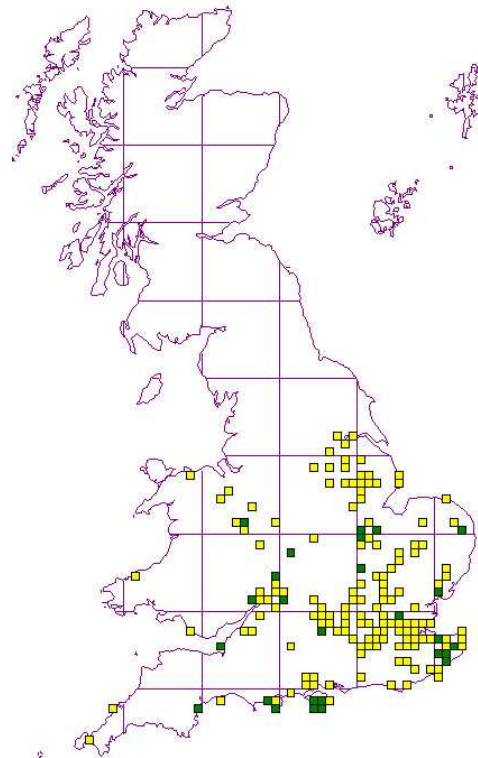
- GB threat: **Critically Endangered**
- GB rarity: **Nationally Rare**
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling and burrowing; a species of sparsely-vegetated sand dunes, feeding on Lady's Bedstraw *Galium verum*
- Confined to a single site, the Sennen Cove / Whitesand Bay area of Cornwall
- A single nineteenth century record from Glamorgan, Wales



Family: Cydnidae

Bordered Shieldbug *Legnotus limbosus*

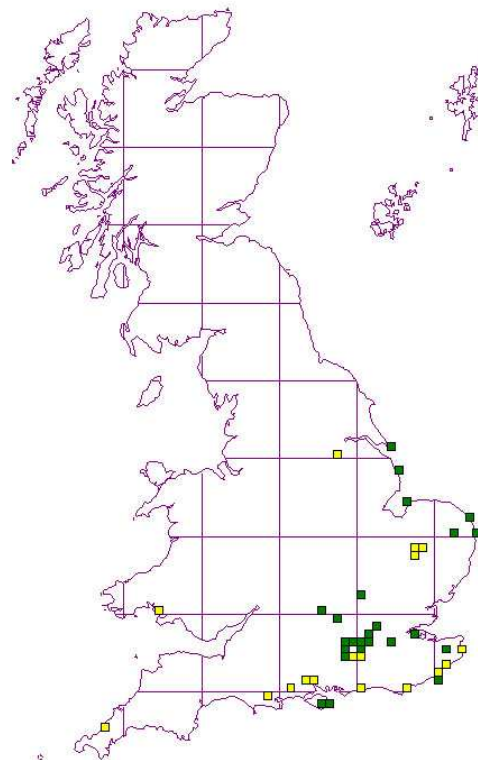
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling; a species of dry, friable, sandy or chalky soils, feeding on bedstraws *Galium* species
- Small and easily overlooked; most active in spring.
- Widespread in England as far north as Yorkshire; scarce and largely coastal in Wales



Family: Cydnidae

Heath Shieldbug *Legnotus picipes*

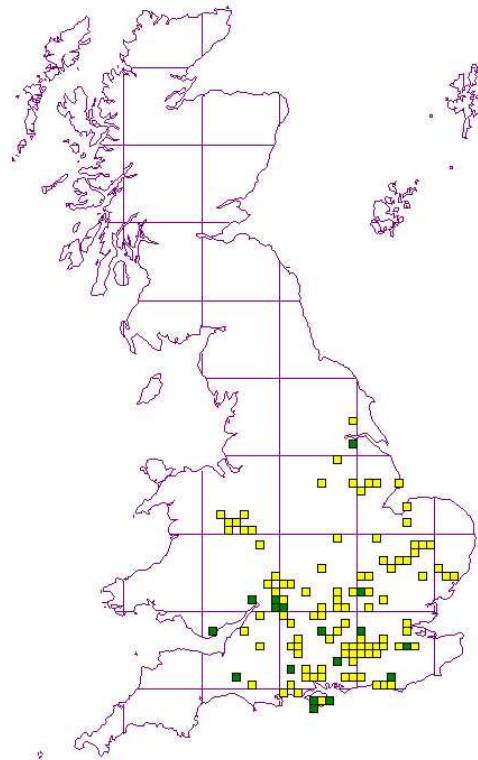
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling; in very dry sandy habitats, particularly coastal dunes; also heaths and in the East Anglian breck
- Associated with Lady's Bedstraw *Galium verum* and Heath Bedstraw *Galium saxatile*
- Very local in southern Britain as far north as Yorkshire, with a single record from Wales



Family: Cydnidae

Forget-me-not Shieldbug *Sehirus luctuosus*

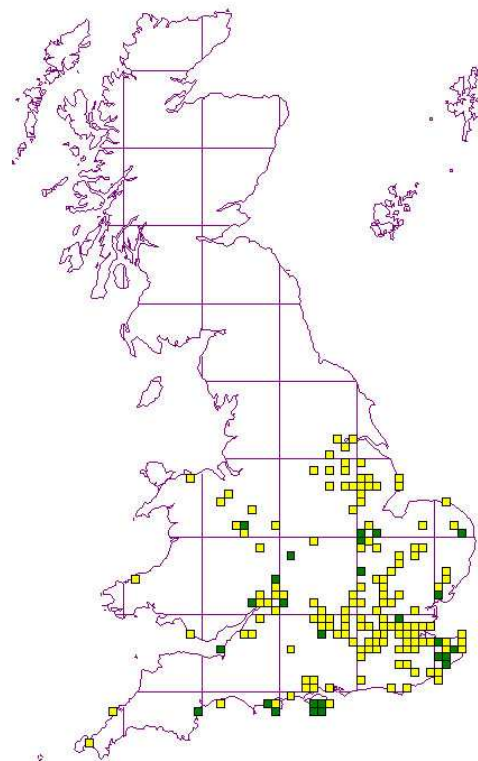
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling; a species of dry, friable, sandy or chalky soils, feeding on forget-me-nots *Myosotis* species
- Easily overlooked; most easily found at the roots in spring
- Widespread in England as far north as Yorkshire, but very rare in Wales and the extreme south west



Family: Cydnidae

Pied Shieldbug *Tritomegas bicolor*

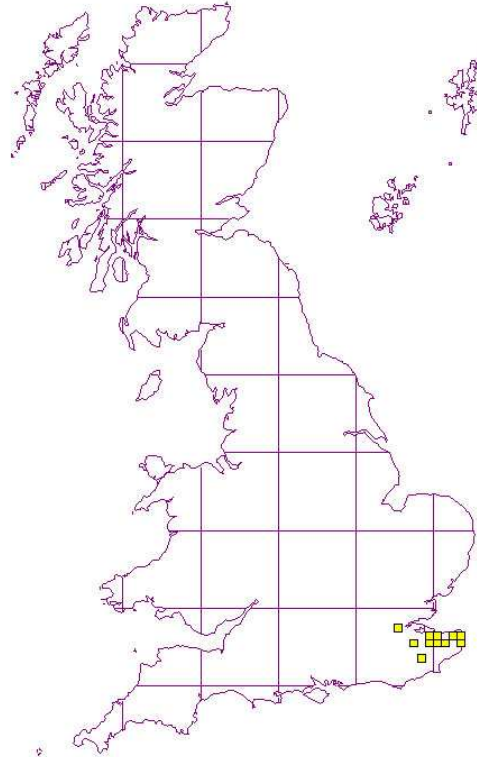
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats, feeding on White dead-nettle *Lamium album* and Black Horehound *Ballota nigra*
- Widespread in England as far north as Yorkshire; scarcer in Wales



Family: Cydnidae

Rambur's Pied Shieldbug *Tritomegas sexmaculatus*

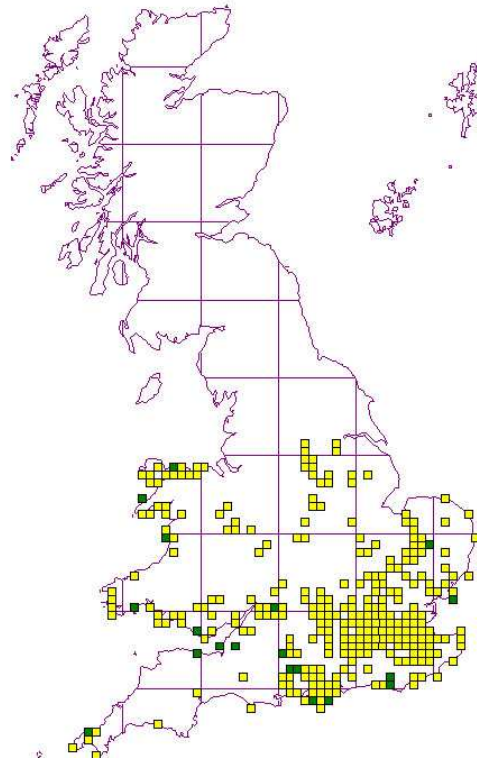
- GB threat: **Not Applicable**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats, feeding on Black Horehound *Ballota nigra*, usually in drier situations than *T. bicolor*
- A recent arrival from continental Europe, first recorded in 2011 and so far known only from Kent



Family: Pentatomidae

Bishop's Mitre Shieldbug *Aelia acuminata*

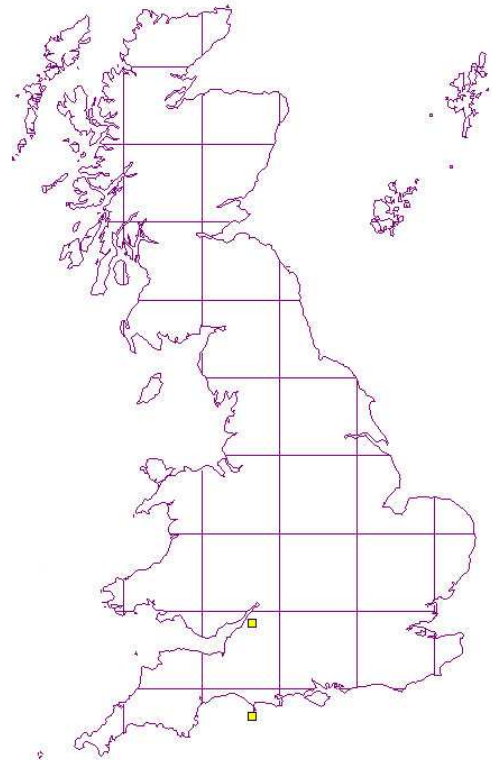
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Warm open grasslands, feeding on various grasses; often found in numbers
- Widespread and common throughout much of southern Britain as far north as Yorkshire



Family: Pentatomidae

Carpocoris purpureipennis

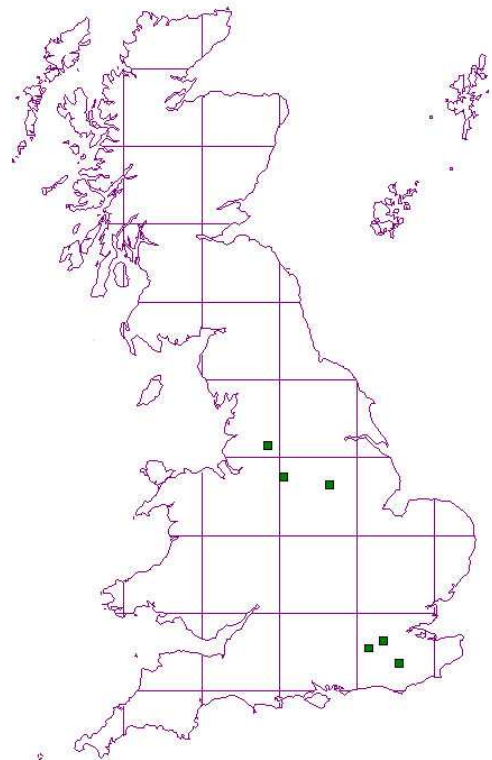
- GB threat: **Not Applicable**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats, feeding on a range of composites
- A vagrant which has probably never formed established populations Britain; nymphs have never been found here
- Recorded in East Sussex in 2017



Family: Pentatomidae

Chlorochroa juniperina

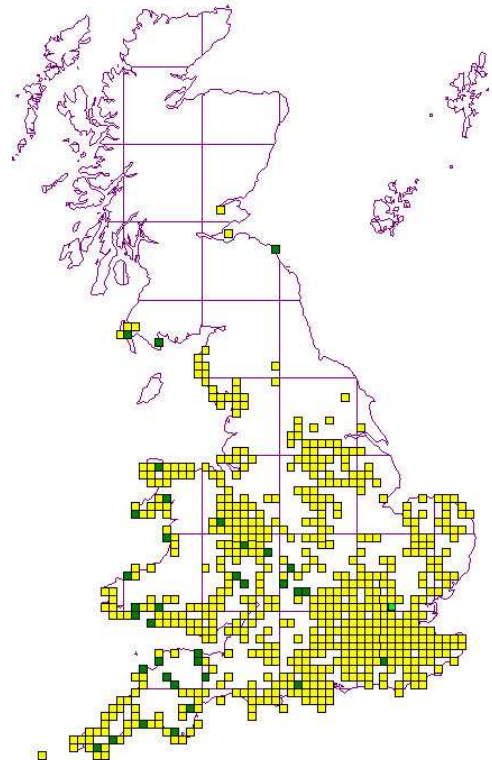
- GB threat: **Critically Endangered (Possibly Extinct)**
- Overwinters as an adult; adult peak spring and autumn
- Associated with juniper *Juniperus communis*
- Most records were from chalk grassland in the south of England
- Last recorded in 1925



Family: Pentatomidae

Hairy Shieldbug *Dolycoris baccarum*

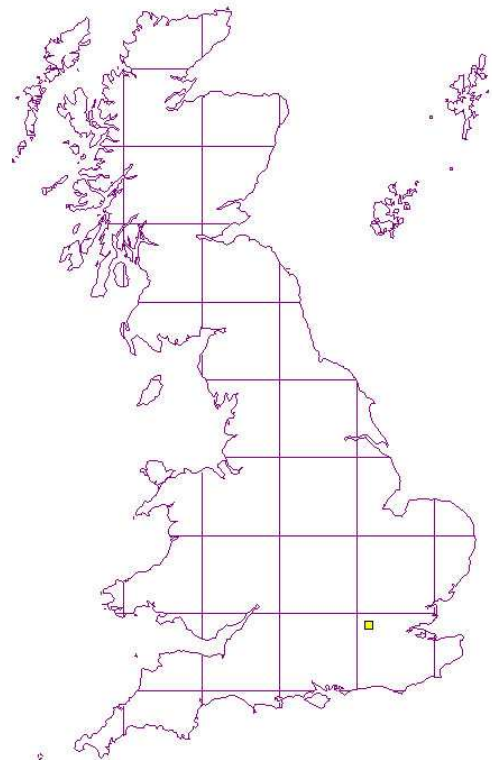
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats, feeding on a wide range of plants
- Widespread and common throughout much of England and Wales, becoming scarcer and mainly coastal in the north; rare in Scotland



Family: Pentatomidae

Dyroderees umbraculatus

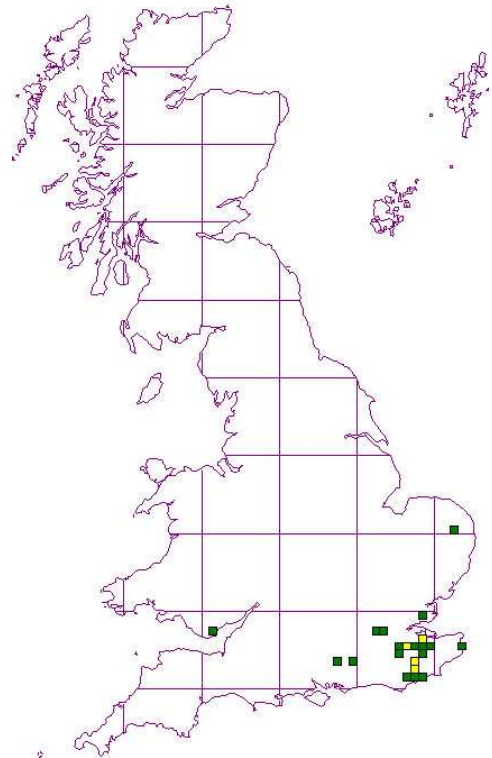
- GB threat: **Not Applicable**
- Overwinters as an adult; adult peak spring and autumn
- Warm open habitats, feeding on bedstraws *Galium* species
- A recent arrival in Britain; first recorded in 2013 in the London area
- A further record from Hampshire in 2015



Family: Pentatomidae

Scarlet Shieldbug *Eurydema dominulus*

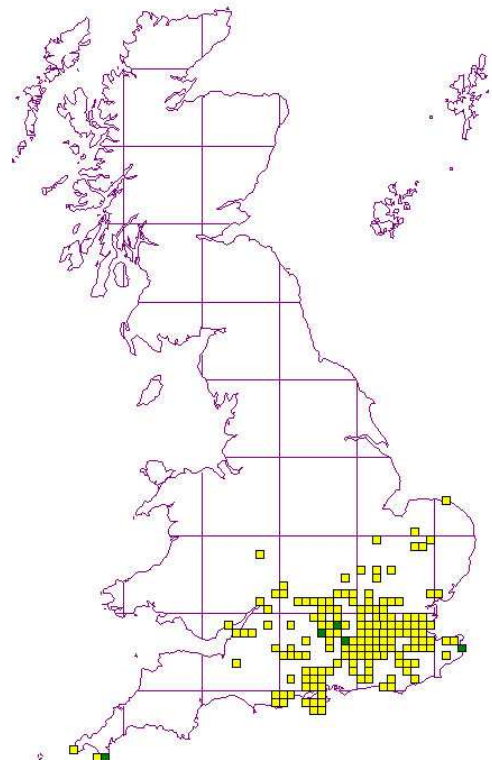
- GB threat: **Endangered**
- GB rarity: **Nationally Rare**
- Overwinters as an adult; adult peak spring and autumn
- Woodland rides and coppices, feeding on Brassicaceae, in particular Lady's Smock *Cardamine pratense*
- Very rare and much declined; all recent records are from a small area of Kent and Sussex



Family: Pentatomidae

Brassica Shieldbug *Eurydema oleracea*

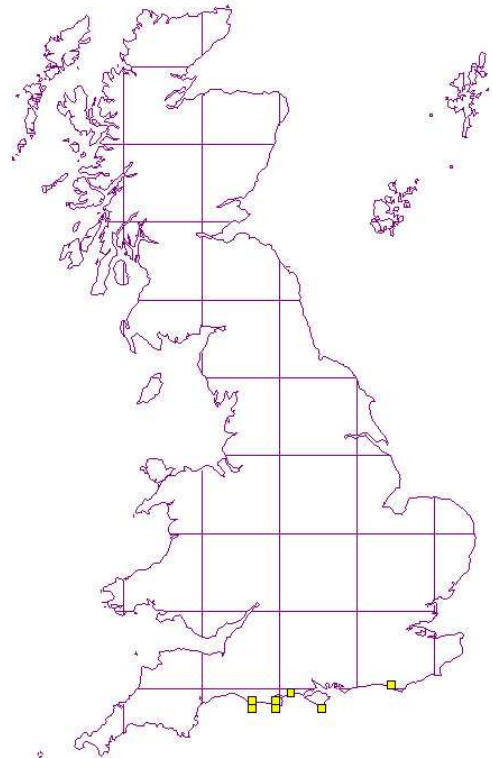
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats, feeding on a range of Brassicaceae, including Garlic Mustard *Alliaria petiolata* and Horseradish *Amorica rusticana*
- Widespread in southern England and the midlands, but rare and coastal in the south west
- Recently recorded in Wales



Family: Pentatomidae

Ornate Shieldbug *Eurydema ornata*

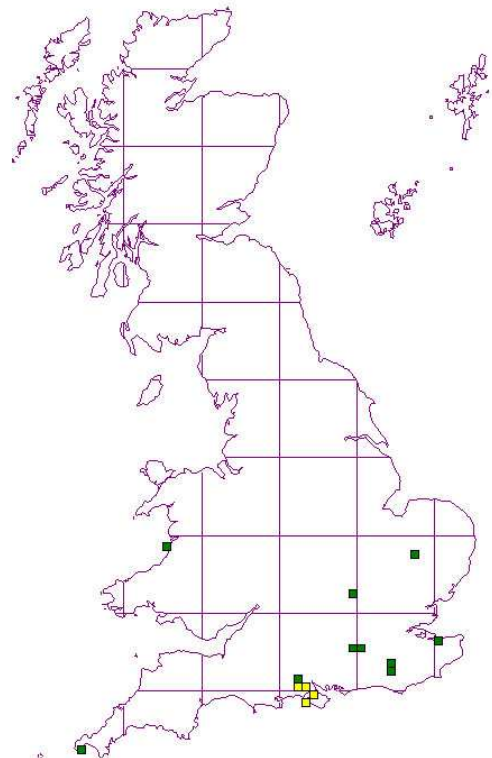
- GB threat: **Not Applicable**
- Overwinters as an adult; adult peak spring and autumn
- Warm open habitats, on various Brassicaceae
- A recent arrival in Britain, first recorded in 1997
- Most records have been from the south coast of England between Dorset and Sussex
- Recently found inland in Surrey



Family: Pentatomidae

New Forest Shieldbug *Eysarcoris aeneus*

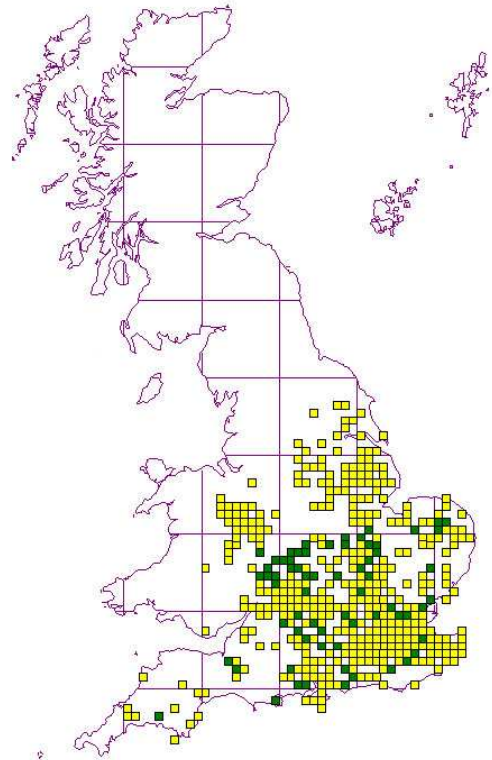
- GB threat: **Endangered**
- GB rarity: **Nationally Rare**
- Overwinters as an adult; adult peak spring and autumn
- Most recent records are from heathland
- Host plants unclear but include Slender St John Wort *Hypericum pulchrum*; probably polyphagous
- Much declined and very local in the New Forest area and on the Isle of Wight
- A single record of an adult at Sennen Cove, Cornwall in 2016



Family: Pentatomidae

Woundwort Shieldbug *Eysarcoris venustissimus*

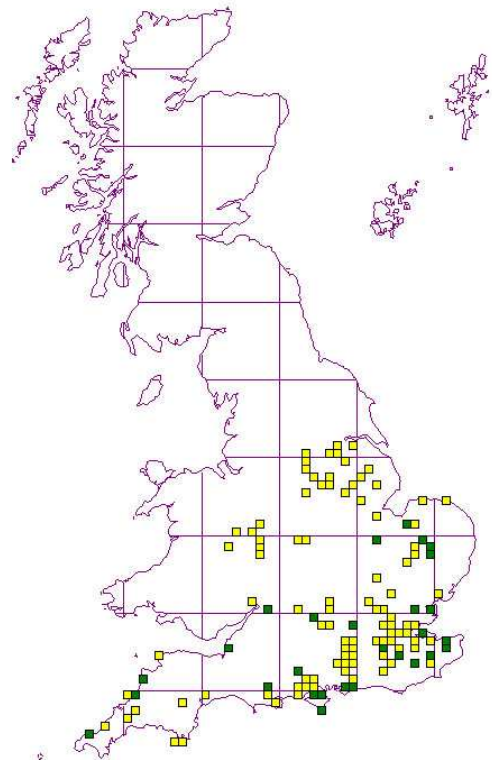
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats, feeding on Lamiaceae, particularly Hedge Woundwort *Stachys sylvatica*, Black Horehound *Ballota nigra* and sometimes Stinging Nettle *Urtica dioica*
- Widespread and common throughout much of southern Britain as far north as Yorkshire, but scarcer in the west and rare in Wales



Family: Pentatomidae

Small Grass Shieldbug *Neottiglossa pusilla*

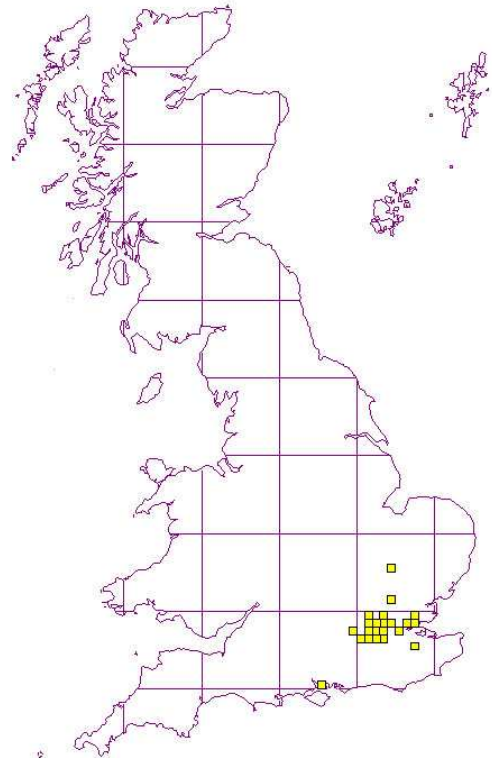
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Warm open grasslands, feeding on various grasses; rarely found in numbers
- Local in England as far north as Yorkshire
- Recorded in Wales for the first time in 2015



Family: Pentatomidae

Southern Green Shieldbug *Nezara viridula*

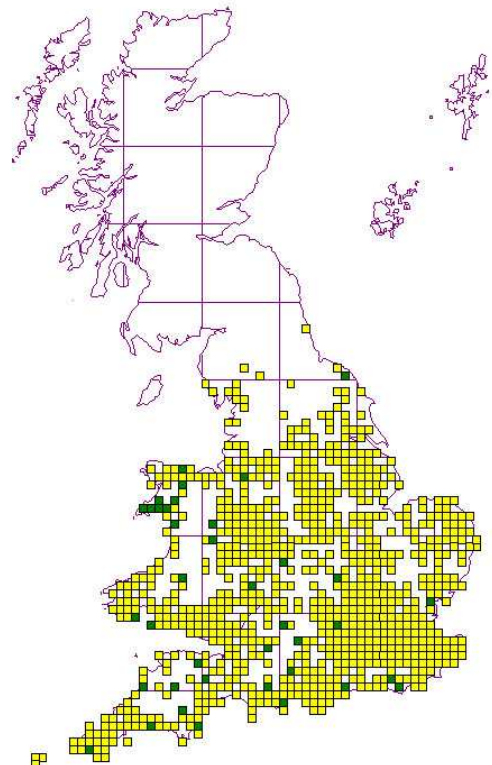
- GB threat: **Not Applicable**
- Overwinters as an adult; adult peak spring and autumn
- A frequently imported species; first recorded breeding in 2003
- Most records are from allotments, particularly in association with cultivated beans
- Adults often hibernate in houses
- Most records are from the London area
- Recently recorded in Sussex



Family: Pentatomidae

Common Green Shieldbug *Palomena prasina*

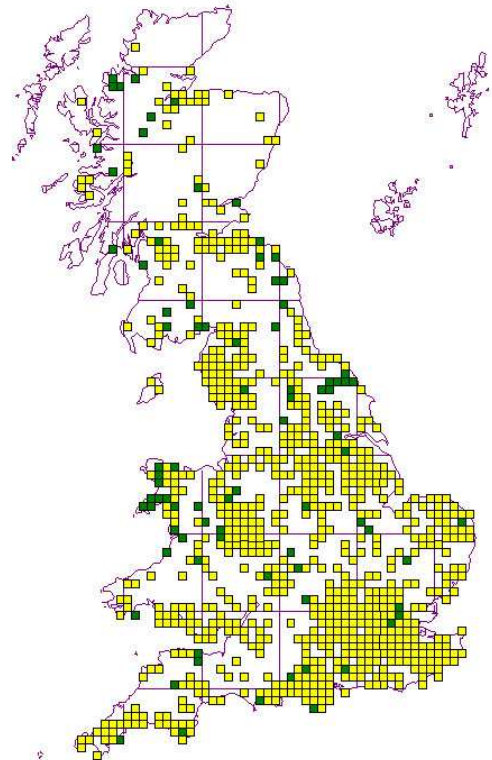
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats, including gardens, on numerous deciduous trees and shrubs
- Common and widespread in England and Wales, with recent records from as far north as Northumberland; spreading



Family: Pentatomidae

Red-legged Shieldbug *Pentatoma rufipes*

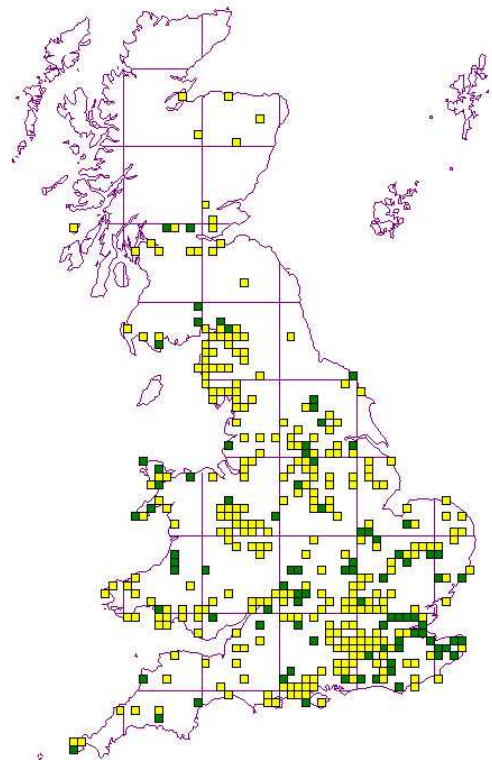
- GB threat: **Least Concern**
- Overwinters as a nymph; adult peak summer and autumn
- Arboreal, on a range of deciduous trees in various habitats, including gardens
- Adults are partly predatory
- Widespread throughout much of Britain



Family: Pentatomidae

Spiked Shieldbug *Picromerus bidens*

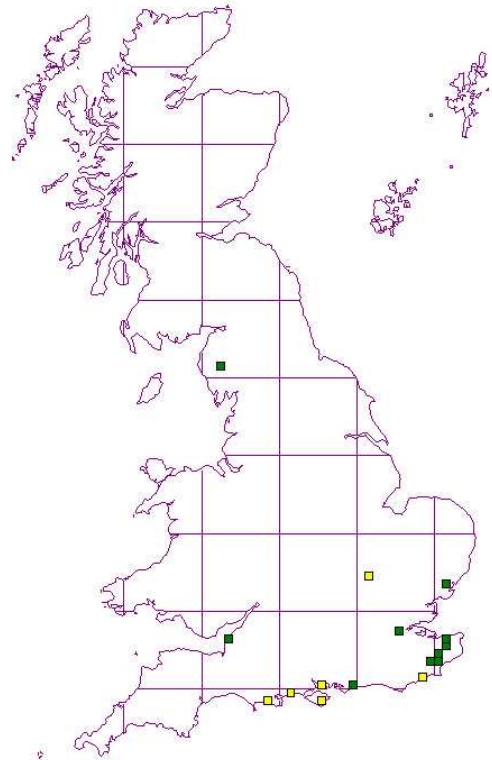
- GB threat: **Least Concern**
- Overwinters as eggs; adult peak summer and autumn
- Various open habitats, including heathland, damp grassland and chalk downland
- Predatory on the larvae of sawflies, butterflies and moths
- Widespread and common throughout much of Britain



Family: Pentatomidae

Vernal Shieldbug *Peribalus strictus vernalis*

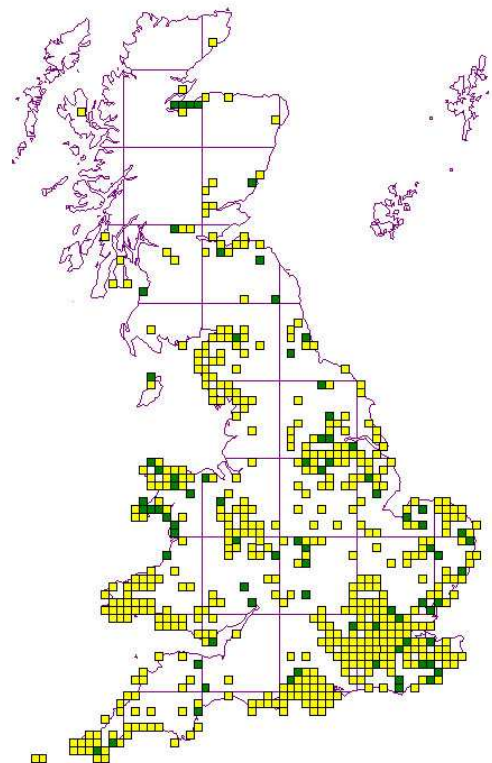
- GB threat: **Least Concern**
- GB rarity: **Nationally Rare**
- Overwinters as an adult; adult peak spring and autumn
- Most records from woodland clearings
- Host plants unclear; probably polyphagous
- Rare; well-established at several sites in Kent and Sussex prior to the 1950s
- Recent records from the south coast of England presumably indicate repeat attempts at colonisation
- Well-established in the Bournemouth area



Family: Pentatomidae

Gorse Shieldbug *Piezodorus lituratus*

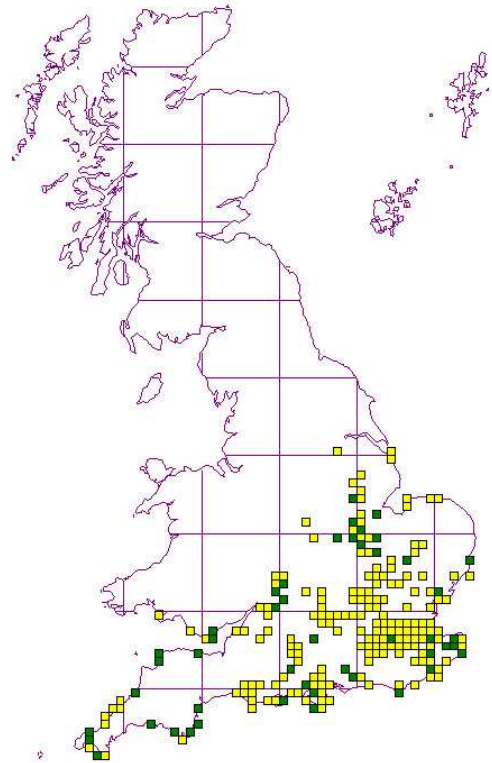
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats, usually on gorse *Ulex* or broom *Cytisus*, but sometimes on herbaceous legumes. Sometimes in gardens on *Laburnum*.
- Widespread and common throughout much of Britain



Family: Pentatomidae

Turtle Shieldbug *Podops inuncta*

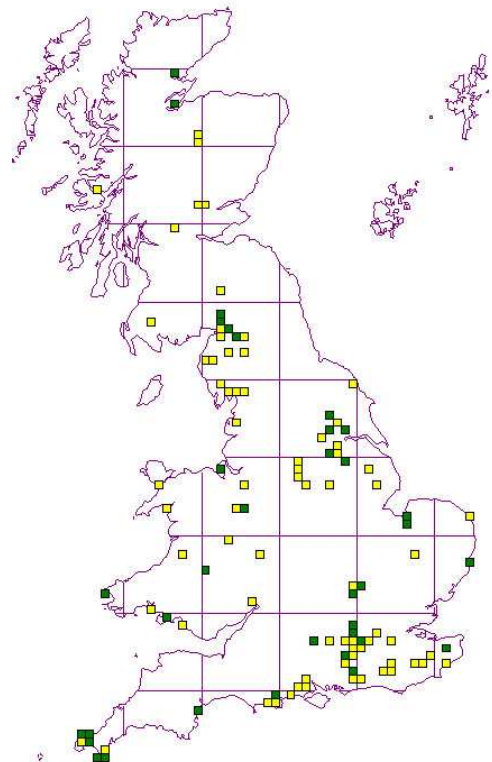
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling. Various dry, open habitats, feeding on grasses
- Widespread and common throughout southern and central England; coastal in Wales and the south west
- Recorded in Yorkshire in 2014; spreading



Family: Pentatomidae

Heather Shieldbug *Rhacognathus punctatus*

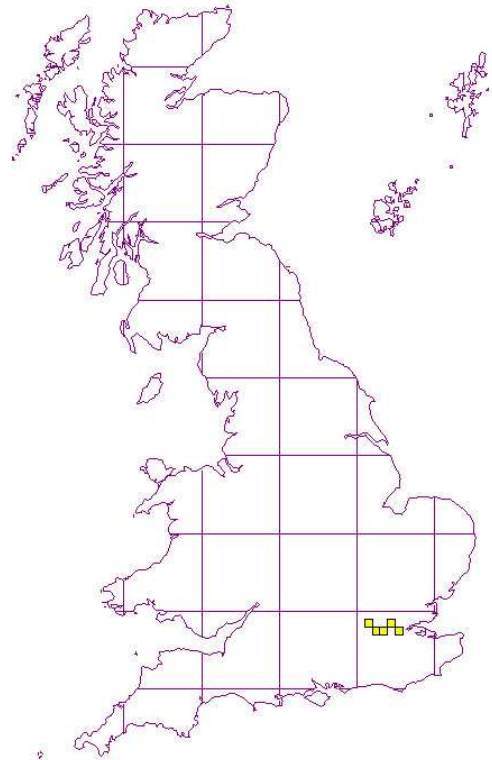
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Almost always associated with heathland and moorland; occasionally in other habitats
- Predatory on the adults and larvae of chrysomelid beetles, particularly the Heather Beetle *Lochmaea suturalis*
- Widespread but very local throughout much of Britain; rarely found in numbers



Family: Pentatomidae

Mottled Shieldbug *Rhaphigaster nebulosa*

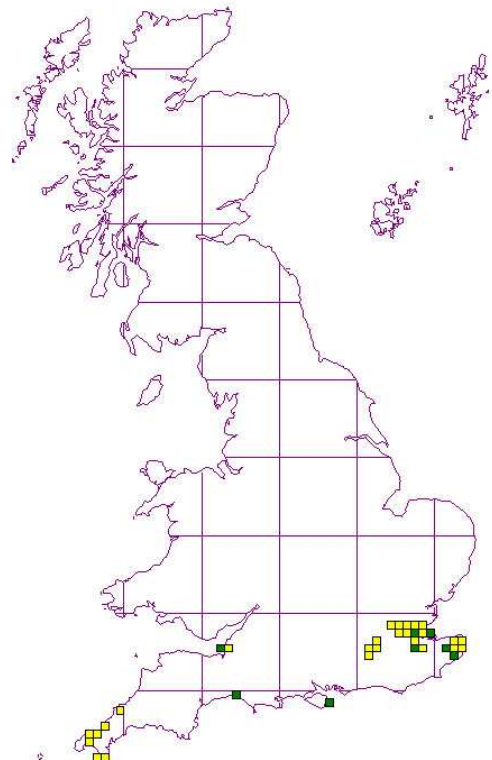
- GB threat: **Not Applicable**
- Overwinters as an adult; adult peak spring and autumn
- Arboreal; feeds on a range of deciduous trees
- A recent arrival from continental Europe; first recorded in 2010; all records so far from the London area



Family: Pentatomidae

Sand-runner Shieldbug *Sciocoris cursitans*

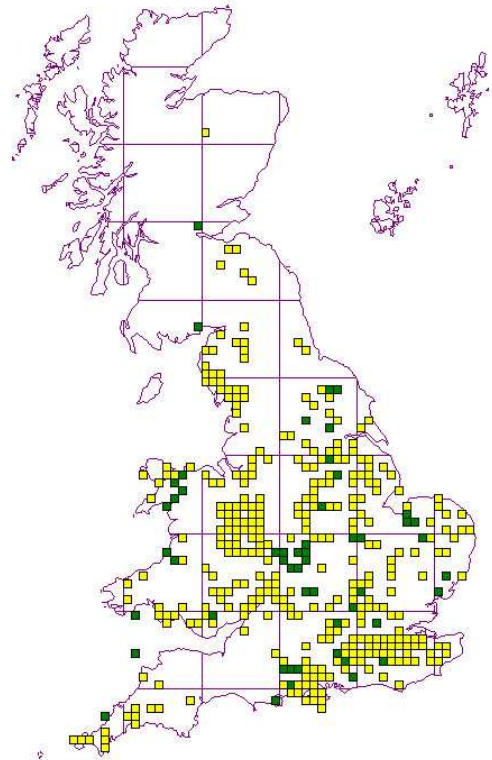
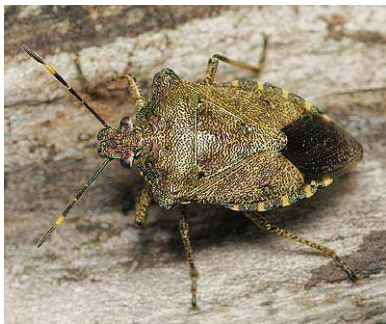
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats such as calcareous grassland and brownfield sites
- Strongly ground-dwelling; a species of dry, sparsely-vegetated sandy or chalky soils, feeding on Mouse-ear Hawkweed *Hieracium pilosella*
- Local in southern England; stronghold in the Thames Gateway area



Family: Pentatomidae

Bronze Shieldbug *Troilus luridus*

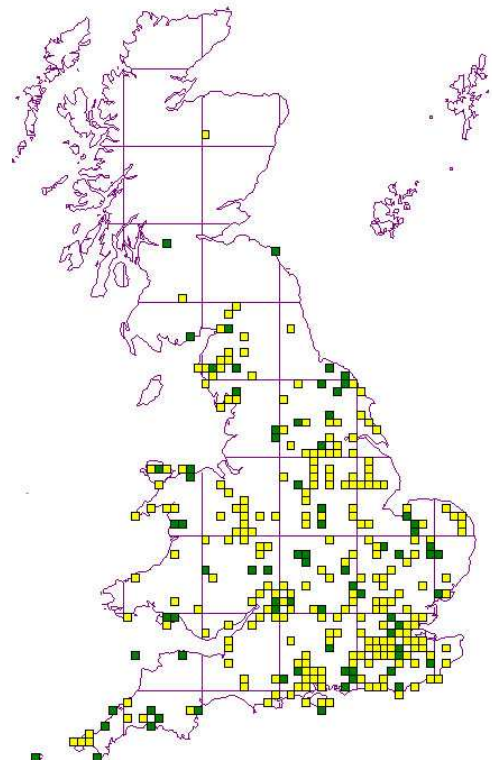
- GB threat: **Least Concern**
- Overwinters as eggs; adult peak summer and autumn
- Wooded habitats
- Arboreal, predatory on the larvae of sawflies, butterflies and moths
- Widespread and common throughout much of England and Wales; scarcer in Scotland



Family: Pentatomidae

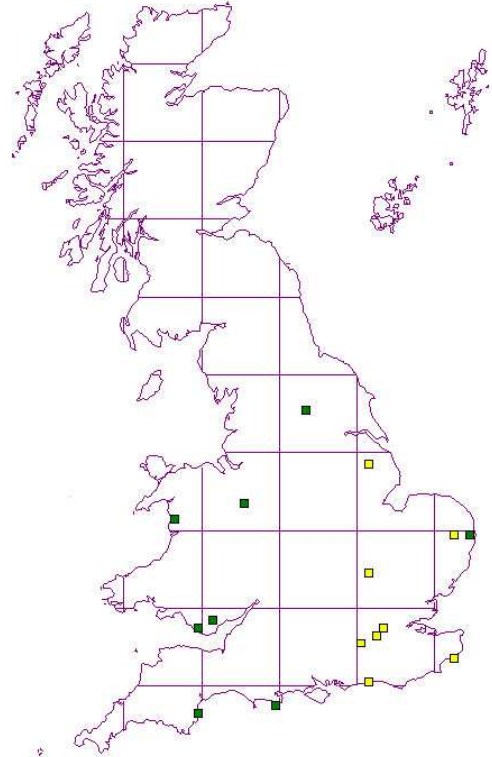
Blue Shieldbug *Zicrona caerulea*

- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats supporting large populations of *Altica* beetles, such as damp grassland and chalk downland
- Predatory on the adults and larvae of chrysomelid beetles, particularly *Altica* species
- Widespread and common throughout much of England and Wales; scarcer in Scotland



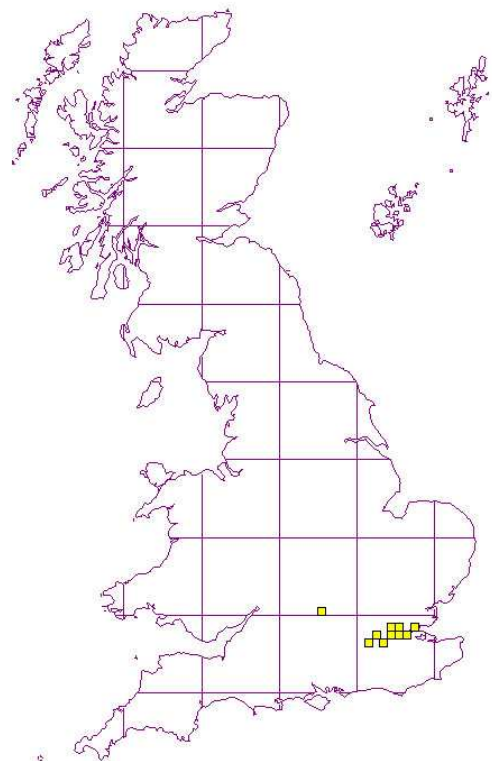
Family: Pyrrhocoridae
Fire Bug *Pyrrhocoris apterus*

- GB threat: **Least Concern**
- GB rarity: **Nationally Rare**
- Overwinters as an adult; adult peak spring and autumn
- Warm, open habitats, feeding on Tree Mallow *Malva arborea* and limes *Tilia*
- Long-standing colony in Devon present since 19th century
- Several recent colonies in Surrey, Sussex, Kent and Bedfordshire, some probably the result of horticultural introductions
- Fully-winged specimens never observed in Britain, suggesting poor dispersal capability



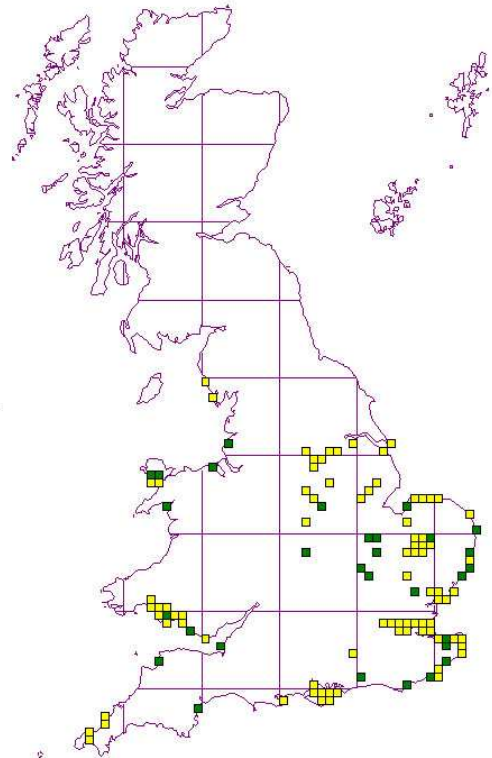
Family: Rhopalidae
Brachycarenum tigrinus

- GB threat: **Not Applicable**
- Overwinters as an adult; adult peak spring and autumn
- Warm, open habitats; most records from brownfield sites
- Plant feeding and polyphagous on various composites
- A recent arrival from continental Europe; first recorded in 2003; almost all records so far from the Thames Gateway area



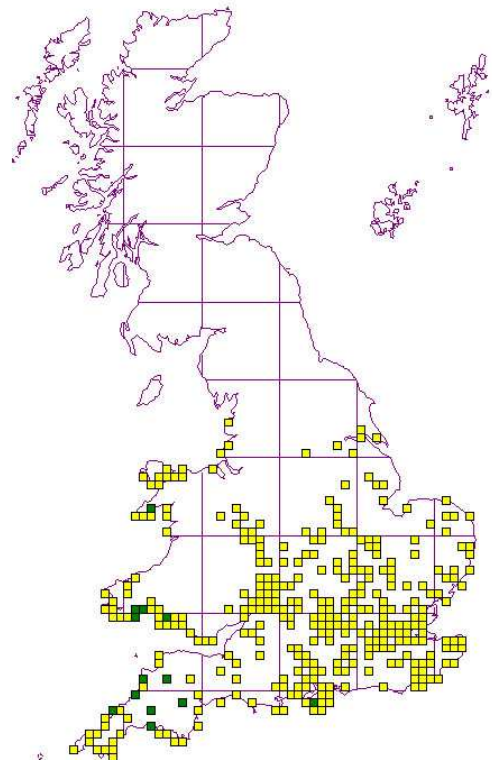
Family: Rhopalidae
Chorosoma schillingi

- GB threat: **Least Concern**
- Overwinters as eggs; adult peak summer and autumn
- Dry grasslands and coastal sand dunes, feeding on various grasses
- Local and primarily coastal in England and Wales as far north as Cumbria; spreading inland



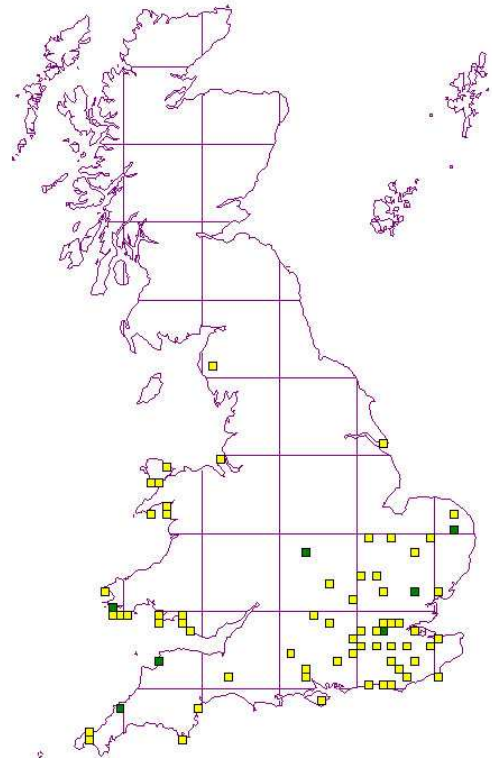
Family: Rhopalidae
Corizus hyoscyami

- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats including gardens, feeding on a range of composites
- Before 1990 a local species of southerly and westerly coasts, feeding on hosts such as storksbills *Erodium* species and Rest-harrow *Ononis repens*
- Has since undergone a dramatic range expansion and now widespread across much of England and Wales, as far north as Yorkshire



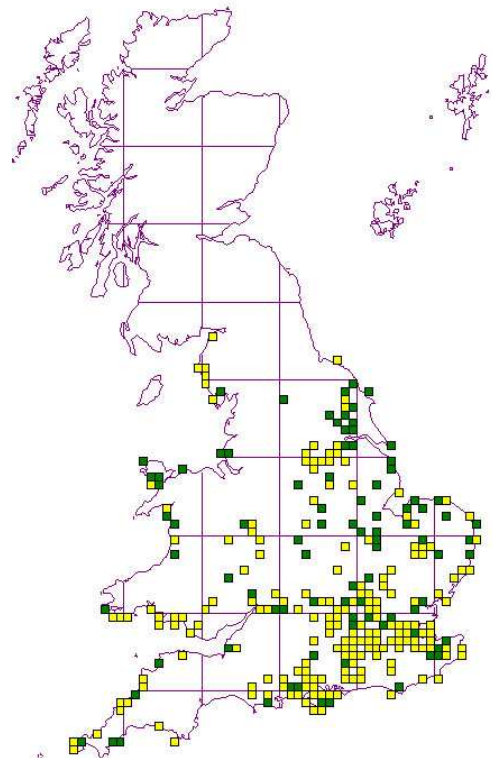
Family: Rhopalidae
Liorhyssus hyalinus

- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Warm, open habitats on various composites
- Largely migratory although populations in some areas such as south Wales appear to be resident
- Local in England and Wales; numbers fluctuate



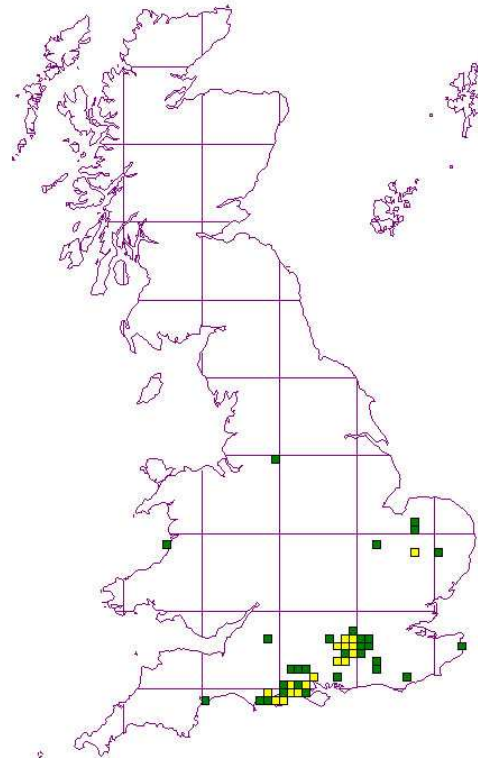
Family: Rhopalidae
Myrmus miriformis

- GB threat: **Least Concern**
- Overwinters as eggs; adult peak summer and autumn
- Dry grasslands, feeding on grasses
- Widespread and common throughout much of England and Wales



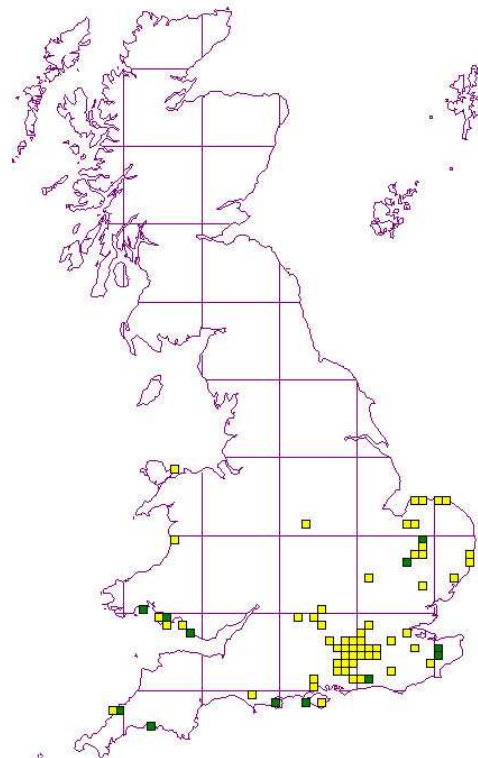
Family: Rhopalidae
Rhopalus maculatus

- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Principally bogs, mires and wet flushes on lowland heathland
- Associated with various hosts including Marsh Thistle *Cirsium palustre* and Marsh Cinquefoil *Potentilla palustre*
- Very local and declined in southern England; most recent records are from the heaths of Surrey, Hampshire and Dorset



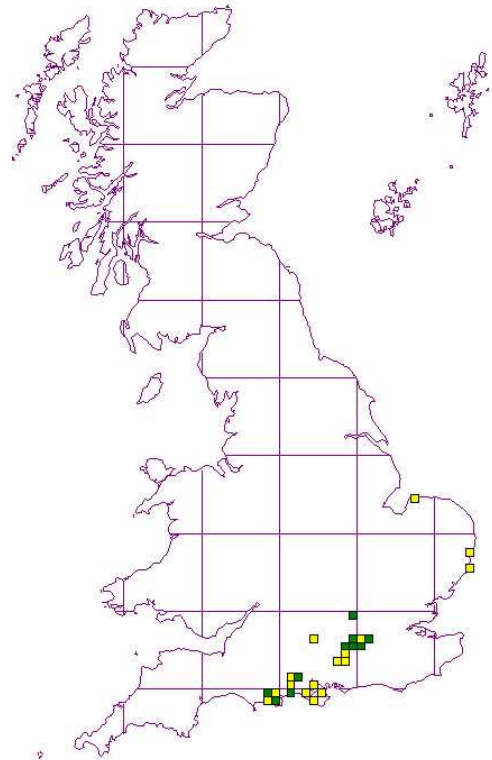
Family: Rhopalidae
Rhopalus parumpunctatus

- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Various warm, open habitats on sand or chalk including heathland, calcareous grassland and brownfield sites
- Polyphagous on a range of composites
- Local in southern England and East Anglia; coastal in Wales



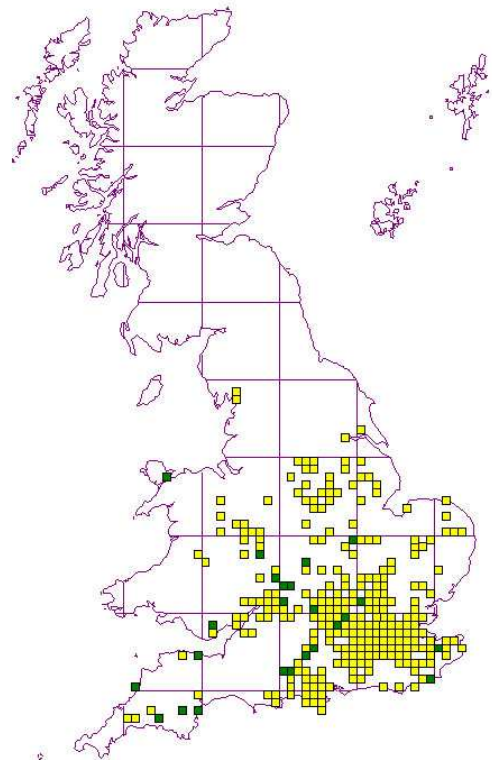
Family: Rhopalidae
Rhopalus rufus

- GB threat: **Least Concern**
- GB rarity: **Nationally Rare**
- Overwinters as an adult; adult peak spring and autumn
- Very similar to *R. parumpunctatus* and some records may relate to this species
- Records from Wales discounted on this basis
- Most records from sandy lowland heaths
- Host plants unclear but may include spurreys *Spergularia* species
- Rare; most recent records are from the heaths of Surrey, Hampshire and Dorset



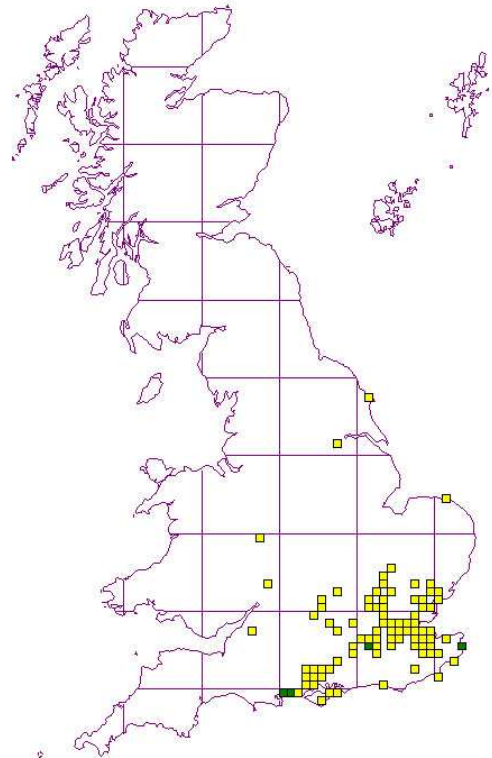
Family: Rhopalidae
Rhopalus subrufus

- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats, feeding on a range of composites including St John's-worts *Hypericum* species.
- Widespread and common throughout much of England as far north as Cumbria; spreading north. Scarcer in Wales and the south west



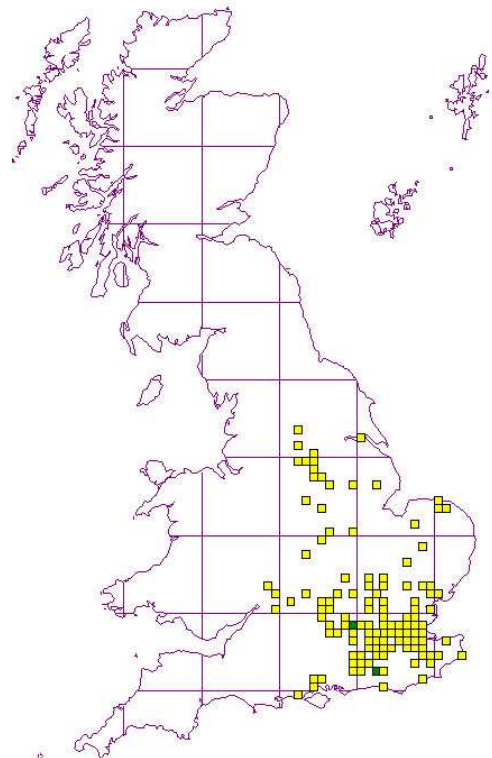
Family: Rhopalidae
Stictopleurus abutilon

- GB threat: **Not Applicable**
- Overwinters as an adult; adult peak spring and autumn
- Various warm, open habitats, many records from brownfield situations
- Present but questionably established at several localities in the 19th century before going extinct
- Recolonised Britain from 1992
- Widespread throughout much of south east England; spreading north
- Less frequent than *S. punctatonervosus*



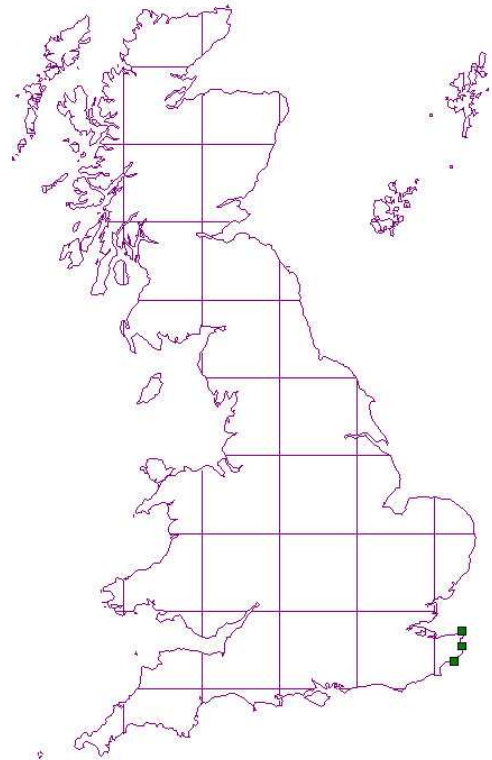
Family: Rhopalidae
Stictopleurus punctatonervosus

- GB threat: **Not Applicable**
- Overwinters as an adult; adult peak spring and autumn
- Various warm, open habitats, many records from brownfield situations
- Present but questionably established at several localities in the 19th century before going extinct
- Recolonised Britain from 1997
- Widespread throughout much of south east England; spreading north and recorded as far north as Yorkshire
- Usually more frequent than *S. abutilon*



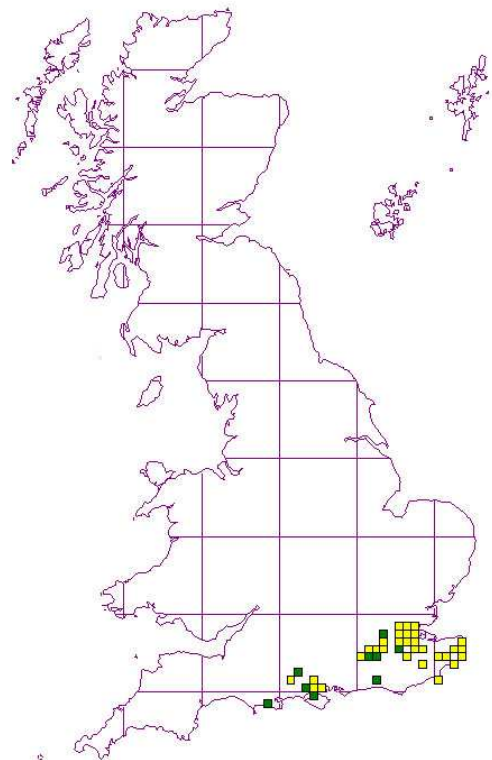
Family: Scutelleridae
Eurygaster austriaca

- GB threat: **Regionally Extinct**
- Overwinters as an adult; adult peak spring and autumn
- In tall, dry grasslands feeding on grasses
- Established on the Kent coast during the 19th century, but not recorded since 1885



Family: Scutelleridae
Scarce Tortoise Shieldbug *Eurygaster maura*

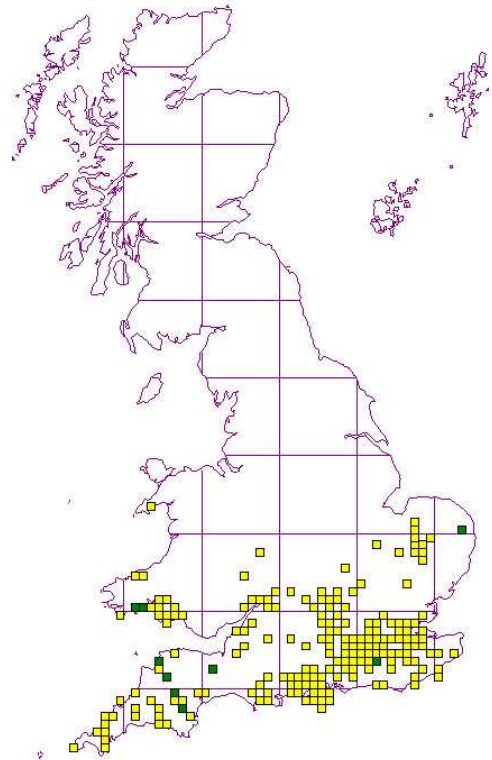
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Generally calcareous habitats, feeding on grasses
- In Surrey confined to highest quality chalk sites
- Can be frequent in the Thames Gateway area
- Local in southern England, with most records from Kent



Family: Scutelleridae

Tortoise Shieldbug *Eurygaster testudinaria*

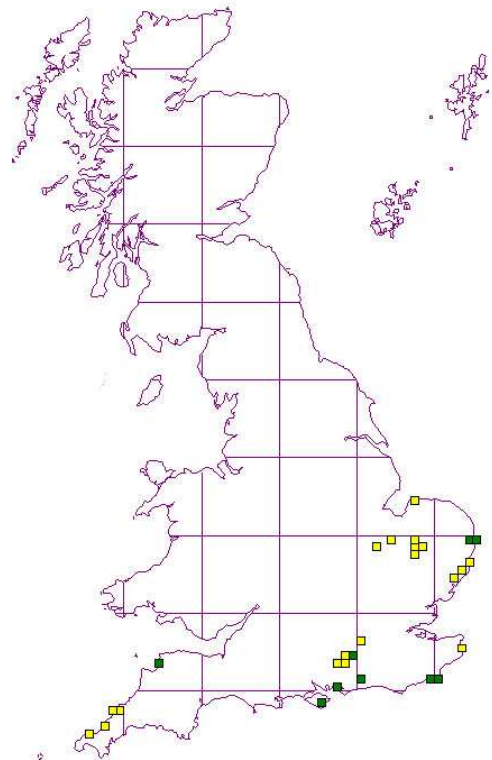
- GB threat: **Least Concern**
- Overwinters as an adult; adult peak spring and autumn
- Various open habitats, feeding on grasses
- Historically confined to damp grasslands
- Widespread in southern England and south Wales



Family: Scutelleridae

Lesser-streaked Shieldbug *Odontoscelis lineola*

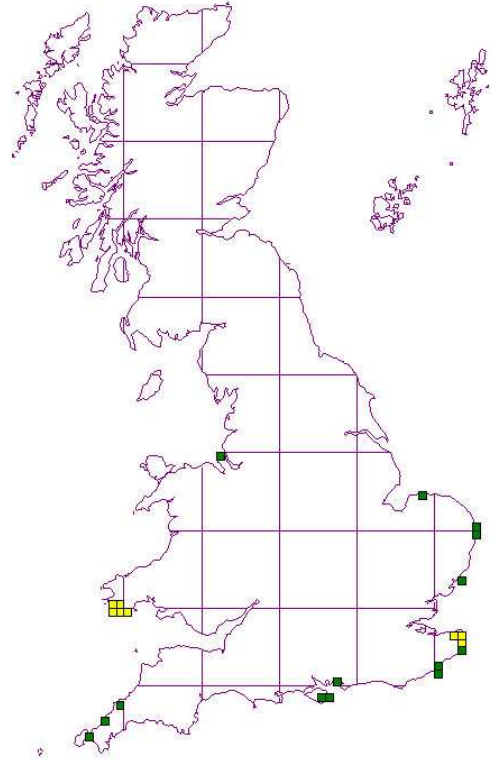
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Historically misidentified in Britain as the very similar *Odontoscelis dorsalis*
- Overwinters as a nymph; adult peak summer
- Strongly ground-dwelling; a species of very dry sandy habitats; heaths and coastal dunes
- Associated with storksills *Erodium* species
- Very local in southern England and East Anglia



Family: Scutelleridae

Greater-streaked Shieldbug *Odontoscelis fuliginosa*

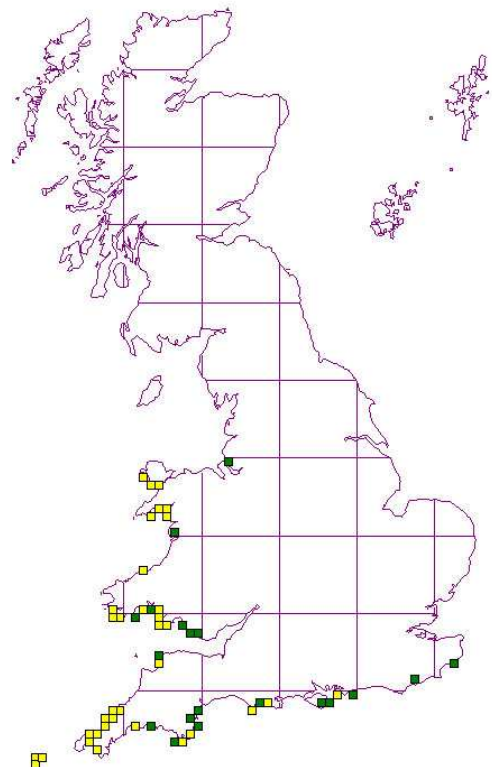
- GB threat: **Vulnerable**
- GB rarity: **Nationally Rare**
- Overwinters as a nymph; adult peak summer
- Strongly ground-dwelling; a species of sandy coastal habitats
- Associated with storksills *Erodium* species
- Very rare and declined; most recent records from the Sandwich Bay/Deal area of Kent and dune systems of south Pembrokeshire
- Historic records from the brecks of East Anglia are considered erroneous
- Specimen found on the north Kent coast in 2014 may represent a new population



Family: Stenocephalidae

Dicranocephalus agilis

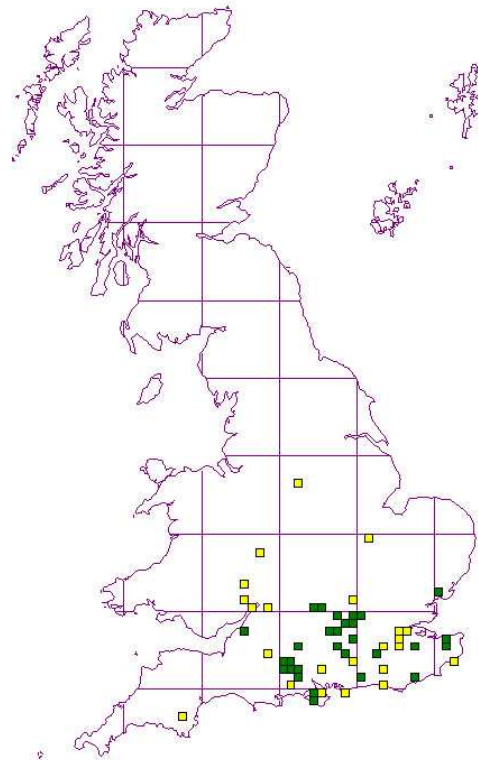
- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Coastal dunes and cliffs, on Sea Spurge *Euphorbia paralias* and Portland Spurge *Euphorbia portlandica*
- Local around the coast between north Wales and Hampshire; predominantly westerly



Family: Stenocephalidae

Dicranocephalus medius

- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- A species of woodland edges and clearings, feeding on Wood Spurge *Euphorbia amygdaloides*
- Several recent records from ornamental spurge, including one in a garden
- Local in southern and central England



Family: Thyreocoridae

Scarab Shieldbug *Thyreocoris scarabaeoides*

- GB threat: **Least Concern**
- GB rarity: **Nationally Scarce**
- Overwinters as an adult; adult peak spring and autumn
- Strongly ground-dwelling; a species of dry, generally chalky soils, feeding on violets *Viola* species
- Local in England as far north as Cumbria; scarce and coastal in Wales and the extreme south west

