



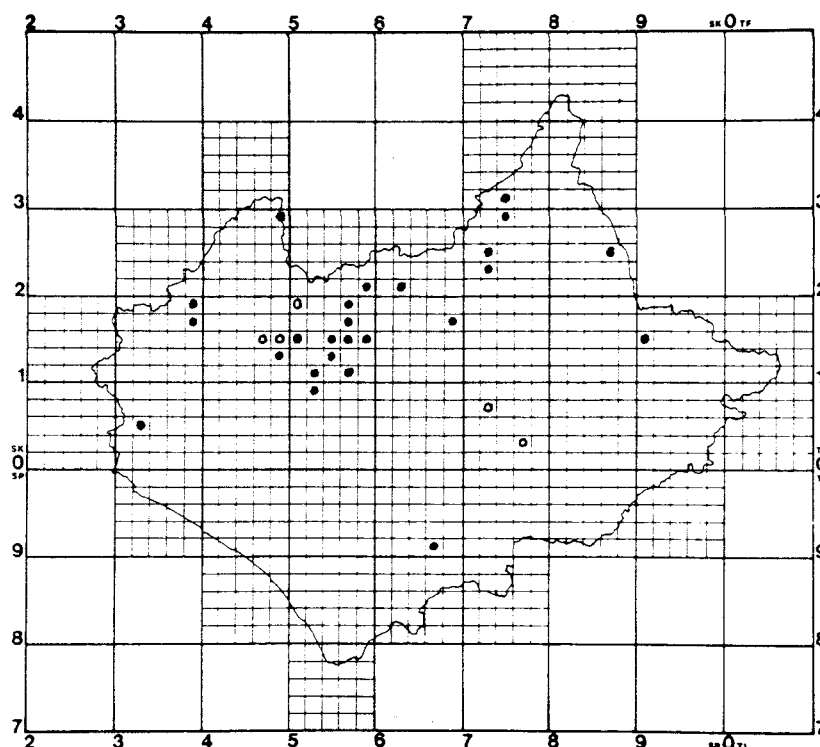
C R S NEWSLETTER

Beetle recording in Leicestershire

Produced by the Leicestershire Coleoptera Recording Scheme

No.2

March 1985



Distribution of Agabus bipustulatus (L.) in Leicestershire

o = pre 1970 records

● = post 1970 records

Local distribution maps being very fashionable, here is an example showing the distribution of records for the second most commonly recorded species of water beetle in Leicestershire. It gives some idea of the level of water beetle recording in the county, though several sources are yet to be tapped for records. The Balfour-Browne Club meeting in September should add lots of dots.

This map is based on a species index to all manuscript records in the museum and several published records. This index has now been done for water beetles and click beetles with other groups to follow. Apart from distribution maps the index can be used to supply information on how common a species is, and on habitat requirements and seasons of emergence.

Identification Workshops

Two workshops were held last year mainly dealing with carabids. Any suggestions for themes of workshops to be held later in the year will be gratefully received.

Steve Costa is at present manfully wading through the carabids in the museum reference collection seeking misidentifications. If anybody would like to take a critical look at another group I shall be pleased to hear from them.

Field Meetings, 1985

Four field meetings have been organised this year. As last year the meetings will begin at 10.00am and will include a lunchtime visit to a place of refreshment. Entomologists of all persuasions are welcome. Lifts are available from New Walk Museum, Leicester, by arrangement.

Programme:

Saturday, 25th May: Ketton Quarry and Thistleton Gullet : two limestone quarries in Rutland. The first has potential for grubbing for weevils. The second also has potential for water beetles. Meet on the track leading into the old part of the quarry from the A6121, OS141, SK976056.

Saturday, 3rd August: Hunt the Musk Beetle : The musk beetle, Aromia moschata, was recorded from Pillings Lock in the 1940s and from Cavendish Bridge in the nineteenth century. Is it still there? Here is your chance to find out by looking at these and other likely places. Meet at Soar Bridge, Barrow, OS129, SK 572173.

Sunday, 29th September: Owston Wood : This forms part of the historic Leighfield Forest. Last year we found some interesting species (e.g. Platycis minuta and Atheta pallidicornis) in nearby Launde Big Wood. It will be interesting to see if Owston Wood provides us with a comparable list. Meet on the Knossington to Withcote road running through the wood, OS141, SK797067.

Sunday, 13th October: Ambion Wood : This trust reserve is in a part of the county particularly bare of modern records. Some nineteenth century records for the wood look interesting (e.g. Antherophagus pallens, Dorcatoma chrysomelina and Abdera quadrifasciata). Meet at the old station yard, Shenton, OS140, SK 396002.

Field Meetings, 1984

Several successful field meetings were held last year and reports for the first three appear below:

River Soar, 24th March, 1984

Six people attended the first ever field meeting of the L.C.R.S. It started in the pouring rain at Barrow and consisted of a quick dash down to the river to saw up two grass tussocks and then back indoors for their examination. 25 species were recorded including Bembidion gilvipes, which is not uncommon around Barrow.

On emergence after lunch from a local hostelry dry weather was encountered. A trip to the area around Slash Lane in Sileby produced the following list:

A under bark and in rotten wood of
old willows, riverside meadow
B in driftwood, riverside meadow

C in dead hawthorn, field hedgerow
D in old willow, roadside hedgerow
E under plastic sack at roadside

Carabidae

Carabus granulatus A,B,C,D
Patrobus atrofufus E
Bembidion gilvipes A
Pterostichus cupreus D
P. strenuus A,B
P. vernalis D
Agonum fuliginosum A
A. micans A
Dromius quadrimaculatus D
D. quadrinotatus A

Philonthus intermedius D
Tachyporus obtusus A,B
T. pallidus C

Phalacridae

Stilbus testaceus C

Salpingidae

Vincenzellus ruficollis C

Hydrophilidae

Megasternum obscurum B

Staphylinidae

Stenus juno B,C

Chrysomelidae

Oulema melanopa C
Hydrothassa marginella A, B
Plagioderia versicolora D
Phyllodecta vitellinae B

Recorders: Steve Costa, Graham Finch, Derek Lott, Mark Mawson.

The Wailes, Frisby on the Wreake, 28th April 1984

A total of 123 species were recorded on this trust reserve. Of particular interest are Hygrobia hermanni, the only post-war county record I know of, and Plateumaris affinis.

A tussocks of Carex paniculata
B moss amongst Carex tussocks
C on mud amongst Carex tussocks
D in standing water amongst Carex
tussocks
E in reed-fringed abandoned oxbow
F margins of abandoned oxbow
G cow dung on pasture
H nettles by ditch
I on mud in ditch
J in water-filled depression in
field

K in shaded abandoned oxbow
L under bark and in dead wood of
willows, copse
M in litter in copse
N in powdery fungus on willow
O under loose bark
P in dead wood
Q nettles in copse
R flowers of Caltha palustris
S hawthorn

Carabidae

Elaphrus cupreus C
E. riparius F
Loricera pilicornis I
Bembidion aeneum A,C,I
B. articulatum A,C
B. biguttatum I
B. guttula M
B. lunulatum I,J
Pterostichus diligens F
P. nigrita F

Agonum albipes F
A. gracile C
A. marginatum I
A. moestum B,C
A. thoreyi A,F
Demetrias atricapillus F

Haliplidae

Haliphus ruficollis E
H. wehnckeii E

<u>Hygrobiidae</u>		<i>S. pusillus</i>	C
<i>Hygrobia hermanni</i>	E	<i>S. rogeri</i>	A
		<i>S. solutus</i>	A
		<i>S. tarsalis</i>	C, J
<u>Noteridae</u>		<i>Lathrobium brunnipes</i>	A
<i>Noterus clavicornis</i>	E	<i>Rugilus rufipes</i>	B
		<i>Xantholinus longiventris</i>	G
<u>Dytiscidae</u>		<i>Gabrius pennatus</i>	B
<i>Hyphydrus ovatus</i>	E	<i>Tachyporus chrysomelinus</i>	A
<i>Coelambus impressopunctatus</i>	E, J	<i>T. hypnorum</i>	L
<i>Hydroporus angustatus</i>	E, K	<i>T. obtusus</i>	P
<i>H. dorsalis</i>	E	<i>T. pallidus</i>	A
<i>H. palustris</i>	E, K	<i>Tachinus laticollis</i>	G
<i>H. planus</i>	K	<i>Hygronoma dimidiata</i>	A
<i>Graptodytes pictus</i>	E	<i>Tachyusa atra</i>	I, J
<i>Agabus bipustulatus</i>	E	<i>T. leucopus</i>	I
<i>A. sturmii</i>	E	<i>Gnypeta carbonaria</i>	I
<i>Ilybius fuliginosus</i>	E	<i>Aloconota gregaria</i>	I
<i>Colymbetes fuscus</i>	E	<i>Dinaraea aequata</i>	O
		<i>Atheta elongatula</i>	I
		<i>A. malleus</i>	I
<u>Hydrophilidae</u>		<i>A. fungi</i>	M
<i>Helophorus aequalis</i>	E	<i>A. graminicola</i>	I
<i>H. grandis</i>	E, D	<i>A. atramentaria</i>	G
<i>H. brevicollis</i>	D, E, I	<i>Aleochara lanuginosa</i>	G
<i>H. minutus</i>	E		
<i>Sphaeridium bipustulatum</i>	G	<u>Scarabaeidae</u>	
<i>S. scarabaeoides</i>	G	<i>Aphodius fimetarius</i>	G
<i>Cercyon haemorrhoidalis</i>	G	<i>A. sphacelatus</i>	G
<i>C. melanocephalus</i>	G		
<i>C. tristis</i>	I	<u>Heteroceridae</u>	
<i>Hydrobius fuscipes</i>	F	<i>Heterocerus fenestratus</i>	I
<i>Anacaena globulus</i>	M	<i>H. marginatus</i>	I
<i>A. limbata</i>	E		
<i>Laccobius bipunctatus</i>	E	<u>Anobiidae</u>	
		<i>Ptilinus pectinicornis</i>	L
<u>Hydraenidae</u>			
<i>Ochthebius minimus</i>	E	<u>Nitidulidae</u>	
		<i>Brachypterus glaber</i>	Q
<u>Leiodidae</u>		<i>Meligethes aeneus</i>	A, R
<i>Anisotoma humeralis</i>	N		
		<u>Sylvanidae</u>	
<u>Silphidae</u>		<i>Psammoecus bipunctatus</i>	A
<i>Silpha atrata</i>	O		
		<u>Biphyllidae</u>	
<u>Staphylinidae</u>		<i>Biphyllus lunatus</i>	L
<i>Anthobium unicolor</i>	M		
<i>Lesteva longoelytrata</i>	F	<u>Phalacridae</u>	
<i>Carpelimus rivularis</i>	C, I	<i>Phalacrus caricis</i>	F
<i>Platystethus arenarius</i>	G	<i>Stilbus testaceus</i>	A
<i>P. cornutus</i>	I		
<i>Anotylus rugosus</i>	L	<u>Coccinellidae</u>	
<i>A. sculpturatus</i>	G	<i>Coccidula rufa</i>	A
<i>Oxytelus laqueatus</i>	G	<i>Chilocorus renipustulatus</i>	
<i>Stenus boops</i>	C	<i>Anisostictus 19-punctatus</i>	F
<i>S. fulvicornis</i>	E		
<i>S. junco</i>	C		
<i>S. melanopus</i>	A		
<i>S. picipennis</i>	A, C, D, E		

Lathridiidae

Stephostethus lardarius A
 Aridius nodifer M
 Enicmus transversus L
 Cortinicara gibbosa L

Cisidae

Cis boleti N

Chrysomelidae

Donacia simplex E
 Plateumaris affinis F
 Oulema lichenis F
 O. melanopa H
 Phaedon cochleariae F
 Hydrothassa marginella F,L
 Prasocuris junci F

Plagioderma versicolora L
 Phyllodecta laticollis L
 P. vitellinae L
 Galerucella sagittariae F
 Lochmaea crataegi S
 Altica lythri A,C
 Chalcoides fulvicornis L
 Chaetocnema concinna A

Apionidae

Apion virens F
 A. dichroum A

Curculionidae

Cidnorhinus quadrimaculatus H
 Ceutorhynchus assimilis F

Recorders: Tony Drane, Graham and Nora Finch, Derek Lott

Spring Wood, Staunton Harold, 12th May, 1984

Participants at this meeting included Mr. Don Tozer, who first started collecting beetles in Leicestershire in the 1920s. 57 species were recorded including the second county record of Magdalis carbonaria. John Kramer also recorded eight species of hoverfly including Xylotomima nemorum, new to the county.

A sycamore flowers
 B swept in wood
 C oak
 D damp mud in flush
 E moss in flush
 F moss by stream
 G foxglove
 H box flowers
 I under bark
 J large bittercress

K bramble
 L ground fungus
 M alder
 N birch
 O willow
 Q by reservoir
 R under bark on log
 S dead ash
 T hawthorn

Carabidae

Elaphrus riparius Q
 Clivina fossor Q
 Bembidion guttula Q
 B. lunulatum Q
 B. obtusum Q
 Abax parallelepipedus R
 Agonum albipes Q
 A. assimile R
 Amara aenea D

Stenus clavicornis Q
 S. juno F
 Lathrobium brunnipes D
 Xantholinus linearis Q
 Gabrius pennatus Q
 Tachyporus obtusus B
 Tachinus laticollis Q
 T. signatus Q
 Dinaraea aequata I
 Atheta fungi E
 Aleochara bipustulata Q

Staphylinidae

Anthobium atrocephalum L
 Lesteva heeri F
 L. longolytrata D,F
 Omalium rivulare L

Lucanidae

Sinodendron cylindricum S

Cantharidae

Cantharis decipiens C

Nitidulidae

Meligethes aeneus J

Epuraea melanocephalus A

Coccinellidae

Adalia decempunctata C,H

Coccinella septempunctata B

Calvia quattuordecimguttata M

Lathridiidae

Cortinicara gibbosa B,C

Scraptiidae

Anaspis humeralis H

A. maculata H,C

A. rufilabris H

Chrysomelidae

Lochmaea crataegi T

Phyllotreta tetrastigma J

Chalcoides fulvicornis C

Apteropeda orbiculata G

Psylliodes napi J

Attelabidae

Deporaus betulae N

Apionidae

Apion seniculus N

Curculionidae

Phyllobius argentatus N

P. pyri K

Polydrusus cervinus C

P. undatus N

Magdalis carbonaria N

Dorytomus taeniatus O

Coeliodes dryados N,C

Cidnorrhinus quadrimaculatus B

Ceutorhynchus assimilis J

C. contractus O

Curculio pyrrhoceras C

C. salicivorus O

Rhynchaenus avellanae C

R. quercus C

R. rusci N

Recorders: Steve Costa, John Kramer, Derek Lott, Mark Mawson, Don Tozer.

In the afternoon a quick circuit of Dimmingsdale nature reserve produced 28 species including Atheta hygrotopora, which was found on the Derbyshire bank of the stream running through the reserve.

Derek Lott
Leicestershire Museums Service