

Recorder's Report on Coleoptera, 1917.

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The formation of the Lancashire and Cheshire Fauna Committee has given considerable impetus to the search for new records. Mr. J. F. Dutton has very kindly furnished me with reports of species already recorded in the *Lancashire and Cheshire Naturalist* for October, 1916; April, 1917, and August, 1917, and Mr. W. E. Sharp has sent me some very interesting new records, all taken by Mr. Stott. The same abbreviations are used for Collectors' names as appear in Sharp's List.

Carabus arvensis, F.—Rivington Pike (S.).

Bembidium punctulatum, Drp.—Windermere, Clitheroe and Scorton (S.).

Bembidium flammulatum, Clair.—Rivington Pike (S.).

Somotrichus (Lebia) elevatus, F.—An introduced species taken at Acton Bridge by Mr. R. B. Lucas (E.M.M. 1916, p. 203).

Hydroporus rufifrons, Duft.—Warrington (Dun.).

Hydroporus melanarius, Sturm.—Lostock (S.).

Agabus unguicularis, Th.—Delamere Forest, scarce (D.).

This confirms the somewhat doubtful record by Dr. Bailey in Sharp's List, p. 26.

Ilybius ænescens, Th.—Delamere Forest, scarce (D.). The only previous record was unsatisfactory and dubious.

Aleochara tristis, Gr.—Worsley, in a dead rabbit (S.).

Oxypoda nigrina, Wat.—Delamere Forest (D.).

Oxypoda rupicola, Rye.—Delamere Forest (D.).

Ocalia badia, Er.—Alvanley (D.).

Homalota pavens, Er.—Alvanley (D.).

Homalota oblongiuscula, Shp.—Alvanley (D.).

Homalota nitidula, Kr.—Delamere Forest (D.).

Homalota nigella, Er.—Delamere Forest (D.).

Homalota debilis, Er.—Delamere Forest (D.).

Homalota fallaciosa, Shp.—Delamere Forest (D.).

Homalota aquatilis, Th.—Alvanley (D.).

Homalota cuspidata, Er.—Helsby (D.); Woolton (H. M. Hallett).

Homalota incognita, Shp.—Delamere Forest (D.).

Homalota humeralis, Kr.—Delamere Forest (D.).

Homalota muscorum, Bris.—Delamere Forest (D.).

Homalota inoptata, Shp.—Darwen (Birks.).

Tachyusa atra, Gr.—Delamere Forest (D.).

Arena octavii, Fauvel.—Hightown (W)..

- Placusa complanata*, Er.—Helsby (D.).
Lamprinus saginatus, Grav.—Wallasey (H. M. Hallett).
Quedius maurorufus, Gr.—Delamere Forest (D.).
Leistotrophus nebulosus, F.—Delamere Forest (D.).
Staphylinus erythropterus, L.—Lostock (S.).
Philonthus lucens, Er.—Cartmel Fell (W.).
Gabrius nigritulus, Gr.—Warrington district (Dun.).
Gabrius pennatus, Shp.—Warrington district (Dun.).
Dianous cœrulescens, Gyll.—Alvanley (D.).
Stenus providus, Er. var. *rogeri*, Kr.—Delamere Forest (D.).
Stenus lustrator, Er.—Delamere Forest (D.).
Stenus atratulus, Er.—Delamere Forest (D.).
Trogophlæus elongatulus, Er.—Alvanley (D.).
Lesteva punctata, Er.—Delamere Forest (D.).
Coryphium angusticolle, St.—Helsby (D.) ; Delamere (Lucas).
Megarthrus sinuatocollis, Lac.—Alvanley (D.).
Calyptomerus dubius, Marsh.—Budworth Mere (Lucas).
Agathidium atrum, Payk.
Silpha nigrita, Creutz.—Cartmel Fell (W.).
Silpha obscura, L.—Blackpool (S.).
Choleva agilis, Ill.—Alvanley (D.) ; Warrington (Armstrong) ;
 Delamere (Lucas).
Choleva wilkini, Spence.—Alvanley (D.).
Choleva fumata, Spence.—Lostock (S.).
Neuraphes elongatulus, Mull.—Delamere (D.).
Neuraphes angulatus, Mull.—Winnington (Lucas).
Bythinus curtisi, Den.—Alvanley (D.).
Bythinus burrelli, Den.—Alvanley (D.).
Bythinus distinctus, Chaud.—Alvanley (D.) ; Delamere (Lucas).
Ptilium spencei, All.—Alvanley (D.).
Exochomus quadripunctulatus, L.—Delamere Forest (D.).
Cyrtotriplax bipustulata, F.—Cartmel Fell (W.).
Cerylon histeroides, F.—Delamere Forest (D.).
Carcinops 14-striata, St.—Acton Bridge Bone Works, in profu-
 sion (Lucas and T.).
Enicmus histrio, Joy and Tomlin.—Baguley (R. H.).
Cryptophagus subfumatus, Kr.—Delamere (D.).
Atomaria munda, Er.—Helsby (D.) ; Winnington (Lucas).
Scaphidium quadrimaculatum, Ol.—Cartmel Fell (W.).
Dermestes frischii, Kug.—I took several examples of this species
 in Oct., 1917, at Acton Bridge Bone Works among large
 numbers of *D. vulpinus* (T.).
Trogderma versicolor, Creutz.—Craneage Mill, Lostock (Lucas).
 This is an alien importation.
Dascillus cervinus, L.—Cartmel Fell (W.).
Telephorus obscurus, L.—Cartmel Fell (W.).
Gibbium scotius, F.—Nelson (Hartley).

- Cis nitidus*, Hbst.—Delamere Forest (D.).
Cis bidentatus, Ol.—Lostock (S.).
Toxotus meridianus, Panz.—Cartmel Fell (W.).
Phyllotreta tetrastigma, Com.—Delamere Forest (D.).
Crepidodera rufipes, L.—Lostock (S.).
Apion punctigerum, Pk.—Lostock (S.).
Apion tenue, Kirby.—Helsby (D.).
Exomias pellucidus, Boh.—Helsby (D.).
Sitones crinitus, Herbst.—Birkdale (W)..

It has been thought expedient only to quote the species that are actually new to our official list, but many other records of interesting and rare species will be found in Mr. Dutton's papers already referred to. The following notes are from Mr. Sharp :—

The following, also supplied by Mr. Stott, are interesting as shewing a wider extension of range of some of the less frequent species which already have been recorded in the list, mostly however from Cheshire.

Cychrus rostratus, L.; *Carabus nemoralis*, Mull.; *Anisodactylus binotatus*, F.; *Pterostichus vernalis*, Panz.; *Amara plebeia*, Gyll.; *Deronectes assimilis*, Payk.; *Hydroporus rivalis*, Gyll.; *H. morio*, Dy.; *H. nigrita*, F.; *H. discretus*, Fair.; *Agabus chalconatus*, Panz.; *Ilybius obscurus*, Marsh.; *Rhantus exoletus*, Forst.; *Aleochara ruficorius*, Grav.; *Staphylinus pubescens*, Dy.; *Syntomium œneum*, Mull.; *Silpha opaca*, L.; *Elmis volkmari*, Panz.; *Corymbitis cupreus*, F.; *Alophus triguttatus*, F.; *Sitones flavesiensis*, Marsh.; *Hypera punctata*, F.; *H. suspiciosa*, Hbst. (bred from larvæ found on chickweed) and *H. Trilineata*, Marsh, all from Lostock; *Philonthus puella*, Nord., Adlington (Lanc.) and Clitheroe; *Calathus piceus*, Marsh, *Philonthus splendens*, F., and *Adrastus limbatus*, F., all from Worsley; *Silpha tristis*, Ill., Rivington; *Geodromicus nigrita*, Clitheroe, and *Rhizotrogus solstitialis*, L., both from Swinton, nr. Manchester and Lostock.

NOTE.—In the Coleoptera of Lancashire and Cheshire as printed p. 21, the record for *Tachys bistriatus*, Dupl., should be The Grove, Westhoughton (Lanc.) instead of The Grove, Warrington.

Mr. Stott also reports he possesses several specimens of *Œdemera nobilis* from the collection of the late Joseph Chappel labelled "Grange, 1865." This species has never been recorded previously from so far North, but in view of the climate and geology of this district in North Lancashire, and the many Southern species of insects which have been taken there, the occurrence is not altogether improbable.