

## COLEOPTERA OF CENTRAL ILLINOIS.—No. II.

By A. B. WOLCOTT, Bloomington, Ill.

I have previously recorded (ENT. NEWS, vol. vi, p. 309) 102 species of Coleoptera taken in the vicinity of Bloomington. The present list is of species taken the past season, representing collecting trips averaging about two a week.

About twenty-five per cent of the past season's collecting is as yet undetermined (not having been submitted to authorities for identification), but as the list now contains nearly 250 species, I thought it well to give it at the present time.

The country surrounding this place is almost entirely open prairie, with here and there a heavy patch of timber, which is rapidly being converted into fire-wood. The soil is being brought well under cultivation and drained; even swamps of considerable size are yielding up their fertile land under the drainage system; these facts combine to make the *present* study of our Coleoptera very opportune.

The past Summer, I spent four days collecting at Springfield, Ill., which, although in central Illinois, is sixty miles south of Bloomington; and there took some very good things, those species which were taken only at Springfield are marked with a \*, those which occurred at both Springfield and Bloomington are designated with a †, the remainder were taken within a radius of thirty miles from Bloomington.

I take the present opportunity of thanking Messrs. H. F. Wickham, W. M. Hill and Chas. C. Adams and especially Dr. G. H. Horn, for their determination of many of the following species:

Correction.—*Galeruca xanthomelæna* Schr. of my former list must be erased as the determination was an error.

## CICINDELIDÆ.

\* *Tetracha virginica* Linn.  
*Cicindela unipunctata* Fabr.  
*hirticollis* Say.

## CARABIDÆ.

*Carabus sylvosus* Say.  
*serratus* Say.  
*Calosoma scrutator* Fabr.  
*Elaphrus ruscarius* Say.  
† *Pasimachus elongatus* Lec.  
*Scarites subterraneus* Fabr.

*Scarites substriatus* Hald.  
*Clivina corvina* Putz.  
*impressifrons* Lec.  
*bipustulata* Fabr.  
*Bembidium inæquale* Say.  
*nitidulum* Dej. [Linn.  
*quadrimaculatum*  
*Tachys incurvus* Say.  
*Amara interstitialis* Dej.  
*obesa* Say.  
† *Diplochila laticollis* var. *major* Lec.



*Calathus gregarius Say.*  
*Platynus octopunctatus Fabr.*  
     *decorus Say.*

*Casnonia pennsylvanica Linn.*

*Lebia atriventris Say.*

*viridis Say.*

*scapularis Dej.*

*pumila Dej.*

*Cymindis pilosa Say.*

*Apenes sinuata Say.*

*Brachynus americanus Lec.*

*cordicollis Dej.*

*Chlænienus erythropus Germ.*

*sericeus Forst.*

*prasinus*

*tricolor Dej.*

    † *tomentosus Say.*

*pennsylvanicus Say.*

*Brachylobus lithophilus Say.*

*Geopinus incrassatus Dej.*

*Cratacanthus dubius Beauv.*

*Harpalus caliginosus Fabr.*

*Stenolophus ochropezus Say.*

*Bradycellus rupestris Say.*

*Anisodactylus sericeus*

#### HALIPLIDÆ.

*Cnemidotus 12-punctatus Say.*

#### DYTISCIDÆ.

*Laccophilus maculosus Germ.*

*proximus Say.*

*Coptotomus interrogatus Fabr.*

*Agabus semivittatus Lec.*

*tæniolatus Harr.*

*Colymbetes sculptilis Harr.*

*Thermonectes basilaris Harr.*

*Cybister fimbriolatus Say.*

#### GYRINIDÆ.

*Gyrinus (confinis?) Lec.*

*analis Say.*

*Dineutes assimilis Aube.*

#### HYDROPHILIDÆ.

*Hydrophilus ovatus G. and H.*

*triangularis Say.*

*Tropisternus nimbatus Say.*

*glaber Hbst.*

*Berosus striatus Say.*

*Laccobius agilis Rand.*

*Creniphilus subcupreus Say.*

#### SILPHIDÆ.

*Necrophorus orbicollis Say.*

*tomentosus Web.*

*Silpha inæqualis Fabr.*

*noveboracensis Forst.*

#### PSELAPHIDÆ.

*Bryaxis (abnormis?) Lec.*

#### STAPHYLINIDÆ.

*Aleochara fuscipes Fabr.*

*Creophilus villosus Grav.*

*Cryptobium bicolor Grav.*

*Erchomus ventriculus Say.*

*Conosoma crassum Grav.*

#### SCAPHIDIIDÆ.

*Scaphidium var. piceum Mels.*

#### COCCINELLIDÆ.

*Coccinella glacialis Fabr.*

*Myzia (pullata?) Say.*

*var. ?*

*Psyllobora 20-maculata Say.*

*Brachyacantha ursina Fabr.*

*Hyperaspis undulata Say.*

*signata Oliv.*

#### ENDOMYCHIDÆ.

*Rhanis unicolor Ziegl.*

*Aphorista vittata Fabr.*

#### EROTYLIDÆ.

*Dacne 4-maculata Say.*

#### COLYDIIDÆ.

*Ditoma thoracica Say.*

*Bothrideres geminatus Say.*

*Cerylon castaneum Say.*

#### RHYSSODIDÆ.

*Rhyssodes exaratus Ill.*

*Clinidium sculptile Newm.*

#### MYCETOPHAGIDÆ.

*Mycetophagus punctatus Say.*

*flexuosus Say.*

#### DERMESTIDÆ.

*Dermestes lardarius Linn.*

*caninus Germ.*



*Dermestes marmoratus Say.*  
*Attagenus piceus Oliv.*  
*Trogoderma ornatum Say.*  
*Anthrenus musæorum Linn.*  
     *varius Fabr.*

## HISTERIDÆ.

*Hister abbreviatus Fabr.*  
*Epierus sp. not det.*  
*Saprinus pennsylvanicus Payk.*  
*Aeletes politus Lec.*

## NITIDULIDÆ.

*Carpophilus hemipterus Linn.*  
     *brachypterus Say.*  
*Conotelus (obscurus?) Erich.*  
*Epuræa truncatella Mann.*  
*Phenolia grossa Fabr.*  
*Omosita colon Linn.*

## PARNIDÆ.

*Dryops lithophilus Germ.*

## HETERO CERIDÆ.

*Heterocerus (mollinus?) Kies.*

## ELATERIDÆ.

*Cryptohypnus abbreviatus Say.*  
*Elater nigricollis Hbst.*  
     *luteus Say.*  
*Drasterius dorsalis Say.*  
*Melanactes piceus De G.*

## BUPRESTIDÆ.

\* *Dicerca lurida Fabr.*  
*Melanophila longipes Say.*  
*Chrysobothris femorata Fabr.*  
 \* *Acmæodera pulchella Hbst.*  
 ✓ *Agrilus otiosus Say.*

## LAMPYRIDÆ.

*Eros aurora Hbst.*  
*Plateros canaliculatus Say.*  
*Lucidota atra Say.*  
*Pyropyga decipiens Harr.*  
*Photinus scintillans Say.*  
     *pyralis Linn.*  
*Photuris pennsylvanica De G.*  
*Podabrus basilaris Say.*  
     *tomentosus Say.*

*Telephorus carolinus Fabr.*  
     *flavipes Lec.*  
     *bilineatus Say.*  
*Polemios laticornis Say.*

## CLERIDÆ.

*Aulicus sp. not det.*  
*Thaneroclerus sanguineus Say.*  
*Orthopleura damicornis Fabr.*  
*Chariessa pilosa Forst.*  
*Necrobia violaceus Linn.*

## PTINIDÆ.

*Hadrobregmus carinatus Say.*  
*Lasioderma testaceum Duft.*  
*Bostrichus bicornis Web.*

## LUCANIDÆ.

*Dorcus parallelus Say.*  
*Platycerus depressus Lec.*  
*Ceruchus piceus Web.*

## SCARABÆIDÆ.

*Chæridium histeroide Web.*  
*Onthophagus hecate Panz.*  
     *pennsylvanicus*  
*Atænius gracilis Melsh. [Harold.]*  
*Geotrupes semiopacus Jak.*  
*Clæotus aphodioides Ill.*  
*Trox unistriatus Beauv.*  
*Lachnosterna gibbosa Burm.*  
     *hirticula Knoch.*  
*Anomala binotata Gyll.*  
*Chalepus trachypygus Burm.*  
*Allorhina nitida Linn.*  
*Euphoria inda Linn.*  
     *fulgida Fabr.*  
*Cremastochilus harrisii Kirby.*  
*Osmoderma scabra Beauv.*

## CERAMBYCIDÆ.

*Orthosoma brunneum Forst.*  
 † *Smodicum cucujiforme Say.*  
*Eburia 4-geminata Say.*  
 † *Romaleum atomarium Dru.*  
 † *Batyle suturalis Say.*  
*Xylotrechus colonus Fabr.*  
*Strangalia luteicornis Fabr.*  
*Leptura vittata Germ.*  
     *rubrica Say.*



*Leptostylus aculiferus* Say.

*Dectes spinosus* Say.

*Tetraopes femoratus*  
var. *basalis*

#### CHRYSEMELIDÆ.

*Anomœa laticlavata* Forst.

*Babia quadriguttata* Oliv.

*Cryptocephalus* 4-guttatus *Knoch.*  
mutabilis *Melsh.*  
bivittatus *Say.*

*Fidia longipes* *Melsh.*  
viticida *Walsh.*

*Chrysomela casta* *Rogers.*

*Gastroidea dissimilis* *Say.*  
cyanea *Mels.*

† *Melasoma scripta* *Linn.*

*Phyllobrotica limbata* *Fabr.*

*Disonycha triangularis* *Say.*  
pennsylvanica *Ill.*  
ermicollis  
xanthomelæna *Dalm.*  
alternata *Ill.*

*Haltica chalybea* *Ill.*

*Systema frontalis* *Fabr.*  
tæniata *Say.*

*Chætocnema* (confinis?) *Cr.*

*Odontota nervosa* *Panz.*

\* *Cassida nigripes* *Oliv.*

† bivittata *Say.*

† *Coptocycla guttata* *Oliv.*

#### BRUCHIDÆ.

*Bruchus pisorum* *Linn.*  
obsoletus *Say.*

#### TENEBRIONIDÆ.

*Merinus lævis* *Oliv.*

*Scotobates calcaratus* *Fabr.*

*Xylopinus anthracinus* *Kn.*

*Tenebrio molitor* *Linn.*

*Tribolium confusum* *Duv.*

*Hoplocephala viridipennis* *Fabr.*

*Platydemia excavatum* *Say.*

*Boletotherus bifurcus* *Fabr.*

*Boletophagus corticola* *Say.*

*Meracantha contracta* *Beauv.*

#### CISTELIDÆ.

*Hymenorus obscurus* *Say.*

#### MELANDRYIDÆ.

*Penthe obliquata* *Fabr.*

pimelia *Fabr.*

*Melandrya striata* *Say.*

#### MORDELLIDÆ.

*Tomoxia* sp. not det.

*Mordella melæna* *Germ.*

lineata *Mels.*

*Mordellistena scapularis* *Say.*

#### ANTHICIDÆ.

*Corphyra pulchra* *Lec.*

#### PYROCHROIDÆ.

*Pyrochroa femoralis* *Lec.*

† *Dendroides canadensis* *Latr.*

#### MELOIDÆ.

*Melœ angusticollis* *Say.*

*Nemognatha vittata* *Fabr.*

*Macrobasis unicolor* *Kirby.*

\* *Epicauta cinerea* *Forst.*

† trichrus *Poll.*

\* var.

vittata *Fabr.*

lemniscata *Fabr.*

#### RHIPIPHORIDÆ.

\* *Rhipiphorus limbatus* ♂ ♀ *Fabr.*

#### RHYNCHITIDÆ.

† *Rhynchites hirtus* *Fabr.*

#### OTIORHYNCHIDÆ.

† *Epicærus imbricatus* *Say.*

*Otiorhynchus ovatus* *Linn.*

#### CURCULIONIDÆ.

*Lixus concavus* *Say.*

*Endalus limatulus* *Gyll.*

*Gymnetron teter* *Fabr.*

*Centrinus scutellum-album* *Say.*

perscillus *Sch.*

*Balaninus uniformis* *Lec.*

nasicus *Say.*

#### BRENTIDÆ.

*Eupsalis minuta* *Dru.*



## CALANDRIDÆ.

Rhodobænus 13-punctatus *Ill.*Sphenophorus robustus *Horn.*pertinax *Oliv.*

Sphenophorus melanocephalus

Cassonus corticola *Say.* [*Fabr.*

## ANTHRIBIDÆ.

Brachytarsus variegatus *Say.*

NOTE.—The *Nemognatha vittata* of my list was taken on mullen, at the edge of sparse timber, only one specimen was found.

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## SINGULAR HABIT OF A CECIDOMYID.

By ANNIE TRUMBULL SLOSSON.

In the Summer of 1894, at Franconia, I one day saw resting upon a leaf a *Chrysopa*—lacewing fly—that seemed to have a black raised spot upon each wing. As I stooped to examine it more closely it flew away. A day or two later I again saw a similar insect, but failed to capture it. The same day I saw one flying and took it with my net. But it proved to have no such spots as I had seemed to see, and I was much puzzled. This happened several times. I would see plainly one or two dark spots on the wings of a *Chrysopa* in the air or on a leaf, but when I captured the insect there were no spots there. On one such occasion I found in my net a tiny, dark bodied fly, and wondered if it could have any connection with the mystery. The point was settled soon after by my taking a *Chrysopa* with a similar fly still clinging to one wing. I detached this from its support and sent it to Mr. Coquillett for identification. He returned it labeled "*Cecidomyia* sp." Since that time I have taken a great many specimens of *Chrysopa* and *Meleoma* with a similar fly on one or both primaries. These generally dropped off the wing either in net or cyanide bottle. But this Summer I succeeded in preserving a specimen of *Chrysopa emuncta* Fitch, with its little burden intact. These I sent to Mr. Nathan Banks, and asked a solution of the puzzle. Mr. Banks cannot explain the mystery and had never before heard of this peculiar habit among the Diptera. He suggests that the Cecidomyid may be one that makes galls upon certain plants infested by aphids upon which *Chrysopa* feeds, and where it would naturally oviposit. "The fly," he writes, "being so frail may find it of advantage to attach itself to a stronger flying insect." This is ingenious and reasonable. But it will be a difficult matter to prove it by observation. I am anxious to know if anyone else has noted facts similar to or the same as those I recorded, and if any explanation has been given.



Wolcott, Albert B. 1896. "Coleoptera of Central Illinois, Number II."  
*Entomological news, and proceedings of the Entomological Section of the  
Academy of Natural Sciences of Philadelphia* 7, 234–238.

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