

CONTRIBUTIONS TOWARDS A CATALOGUE OF THE  
INSECTS OF KANSAS.

Results of Personal Collecting.

By ELBERT S. TUCKER, Museum Assistant in Systematic Entomology, University of Kansas,  
Lawrence.

ADDITIONS TO THE KANSAS LIST OF HEMIPTERA-  
HETEROPTERA.

THE names of forty-eight species or varieties of Hemiptera-  
Heteroptera are hereby added to the Kansas list which was  
begun by Prof. E. A. Popenoe in Transactions Kansas Academy  
of Science, volume IX, pages 62, 63, and recently enlarged by Mr.  
F. F. Crevecoeur, *loc. cit.*, volume XIX, pages 232-234.

All the specimens were collected in Douglas county, except in  
one instance, which is especially denoted.

Family PENTATOMIDÆ.

(Subfamily *Cydninae*.)

*Cydnus obliquus* Uhl. April.

*Pangæus uhleri* Signoret. May, June, July, October.

(Subfamily *Pentatominae*.)

*Brochymena quadrupustulata* Fab. April, August.

*Pentatoma ligata* Stal. April, October.

*Euschistus tristigmus* Say, var. *pyrrhocerus* H.-Sch. July; July, twilight;  
August.

*Meneclis insertus* Say. April, November.

Family COREIDÆ.

*Archimerus calcarator* Fab. June; June, twilight.

*Acanthocephala instabilis* Uhl. October.

*terminalis* Dallas. June, October.

*Leptoglossus oppositus* Say. October; October, twilight; November; No-  
vember, twilight.

*Alydus eurinus* Say. August.

*pilosulus* H.-Sch. August.

*Harmostes fraterculus* Stal. August.

*Corizus nigristernum* Signoret. May, July.

*sidæ* Fab. August, on cockle-bur blossoms.

Family LYGÆIDÆ.

*Nysius minutus* Uhl. July; August; August, at night. Also in Sedgwick  
county; September.

*Belonochilus numenius* Say. November.

*Phlegyas annulicrus* Stal. May, at night.

*Sphragisticus nebulosus* Fal. August, at night.

*Eremocoris fesus* Say. August, October.

Biological Papers.

Family TINGIDÆ.

*Corythuca pergandei* Heid. May, at night (metatype); Oc

Family ARADIDÆ.

May.

Family REDUVIDÆ.

*Aradus quadrilineatus* Say. May.

*Oncerothelus acuminatus* Say. May.

*Pygolampis pectoralis* Say. June and July, all at electri

*Stenopoda culiciformis* Fab. July, at street lamp.

*Reduvius personatus* Linn. May, at night; June, at nig

*Acholla multispinosa* De G. July; July, twilight; Augu  
tober.

*Sinea raptorica* Stal. June.

*Reduviolus pallescens* Reut. May, at night.

Family CAPSIDÆ.

*Psallus delicatus* Uhl. May.

*Plagiognathus politus* Uhl. June; June, twilight; July.

*annulatus* Uhl. May; June, twilight;

*Orthotylus flavosparsus* Sahl. July, August.

*diaphanus* Kirsch. Identified by Mr. Otto  
ably" this species. June, twilight.

*Ceratocapsus (Melinna) fasciatus* Uhl. August; Au

*lutescens* Reut. August.

*Inacora (subgenus Corinala) stalii* Reut. May, Jur

*(Sthenarops) chloris* Uhl. June.

*malina* Uhl. June.

*Lygus distantii* Atk. (= *scutellatus* Distant). May

*invitus* Say, dark variety. June.

*monachus* Uhl., var. May, June.

*plagiatus* Uhl. April.

*Miridius*, not recognizable. August, at night.

*Stenodema (Miris) instabilis* Uhl. (= *affinis* Reut.

*Callimiris tarsalis* Reut. July; August, at electr

Family BELOSTOMATIDÆ.

*Benacus haldemanum* (Leidy) Stal. (= *grisea* S

*electric light*.

*Amorgius uhleri* Mont. July, at electric light.

Tucker 1906

## Family TACHINIDÆ.

- Exorista blanda O. S. June, twilight; July.  
 griseomicans Van der Wulp. May.  
 Phorocera leucaniæ Coq. July.  
 Acemyia dentata Coq. October.  
 Tachina robusta Twms. April, May.  
 Hilarella aristalis Coq. July.

## Family DEXIIDÆ.

- Melanophora roralis Linne. May, June, July, September.

## Family SARCOPHAGIDÆ.

- Sarcophaga (Helicobia) heliciis Twms. July. Also in Sedgwick county; April.

## Family ANTHOMYIDÆ.

- Hyetodesia (Phaonia) mulcata? Giglio-Tos. April.  
 Linnophora narona Wlk. June; July; July, twilight. Also in Sedgwick county; April.  
 Hylemyia lipsia Wlk. April; June; July; July, twilight; August.  
 Forbia fusciceps Zett. April; April, at night; June; June, twilight. Also in Sedgwick county; April.  
 Cœnosia lata Wlk. April, July, August.  
 Schœnomyza dorsalis Loew. May, June.

## Family HELOMYZIDÆ.

- Leria pectinata Loew. April, at night.

## Family BORBORIDÆ.

- Limosina evanescens Tkr. New species. June; June, twilight; July, at electric light.

## Family SCIOMYZIDÆ.

- Sciomyza obtusa Fal. June.

## Family SAPROMYZIDÆ.

- Lonchæ vaginalis Fal. June.  
 Lauxania gracilipes Loew. July, twilight.  
 Sapromyza innuba? Giglio-Tos. April.  
 quadrilineata Loew. April.

## Family ORTALIDÆ.

- Tetanops integra Loew. May.  
 Pseudotephritis vau Say. June.  
 Seoptera vibrans Linne. June.

## Family SEPSIDÆ.

- Nemopoda minuta Wied. June, twilight; July; July, twilight.

## Family PSILIDÆ.

- Chyliza apicalis Loew. June, twilight.

## Family EPHYDRIDÆ.

- Hyadina albovenosa Coq. April, at night.

## Family OSCINIDÆ.

- Chlorops palpalis Adams. May, twilight.  
 Hippelates flavipes Loew. June. Also in Sedgwick county; April.  
 pusio Loew. June, twilight; August. Also in Sedgwick county; April.  
 Oscinis carbonaria Loew. April, at night; May, at night.  
 coxendix Fitch. April; June, twilight. Also in Sedgwick county; April.  
 decipiens Loew. July.  
 soror Macq. May, June.

## Famils DROSOPHILIDÆ.

- Drosophila (Scaptomyza) adusta Loew. May, at night; August.  
 amœna Loew. April.  
 funebris Fab. May; June; July; July, twilight; October; and November, in kitchen.  
 (Scaptomyza) graminum Fal. April; April, at night.

## Family AGROMYZIDÆ.

- Phytomyza diminuta Loew. May; June, twilight and at night.  
 Ceratomyza dorsalis Loew. May, at electric light; June.  
 Agromyza æneiventris Fal. July.  
 parvicornis Loew. Sedgwick county; April.  
 Desmometopa latipes Meig. June.  
 m-nigrum Zett. June.  
 Ophthalmomyia lacteipennis Loew. Sedgwick county; August, in windows of farmhouse.