

## A LIST OF KANSAS COLEOPTERA.

BY EDWIN A. POPENOE.

The following list of Kansas coleoptera is merely preliminary, and is given as a basis for a more complete collection and more thorough study of our coleopterous fauna, which it is hoped will be made in the course of a few years. It is based upon the species in my own collection, but the list is largely increased by contributions from Prof. F. H. Snow, of the State University at Lawrence, to whom the credit belongs where Lawrence is given as a locality. Additional species were collected by Mr. George P. Cooper, at Topeka and in western Kansas, and by Mr. T. B. Ashton, at Tonganoxie.

Acknowledgments are due to Drs. LeConte and Horn, of Philadelphia, for the determination of many species, and to Mr. Henry Ulke, of Washington City, for similar favors. I also owe thanks to Mr. A. S. Johnson, of the A. T. & S. F. R. R., for opportunities to make collecting trips to the western part of the State, which I have several times enjoyed.

The number of species included at present is about 1,200, and double the number may be reasonably expected after a few years longer work.

I have given any notes on the different species, as to distribution, habits, etc., that I thought would be interesting or useful.

The numbers preceding the names of species correspond to those in Crotch's Check List, the order and nomenclature of which is generally followed, except in the Rhynco-phora, where the late work of LeConte and Horn has been the guide.

TOPEKA, KANSAS, July 25, 1877.

## CICINDELIDÆ.

## AMBLYCHILA, Say.

1. *cylindriciformis*, Say. Taken by Mr. George Cooper in Gove county. That collector has furnished the following notes on the habits of this interesting species: "They are chiefly nocturnal, and inhabit the sides and clayey banks of ravines, living in holes in the ground or side of the ravine. I took, in one instance, seven specimens from one hole, and have found two or three together since."

A single specimen of this beetle was found by the writer in Webster Park, Col., June, 1876.

## TETRACHA, West.

9. *virginica*, L. Eastern Kansas; frequent. Crepuscular in habits.

## CICINDELA, L.

10. *obsoleta*, Say. "Sargent, Kas." (Cooper).

10b. *prasina*, Lec. "Sargent, Kas." (Cooper).

14. *pulchra*, Say. Syracuse, Hamilton county; also along line of K. P. R. W. in extreme western Kansas.

15b. *rugifrons*, Dej. Var. *Leontii*, Hald. Lawrence.

15d. Var. *scutellaris*, Say. Topeka and Lawrence; is found along streams.

18. *sezguttata*, Fab. Eastern Kansas; frequent; prefers sunny roads and paths in woodlands.

21. *splendida*, Hentz. Eastern Kansas; common.

22. *purpurea*, Oliv. Eastern Kansas; abundant. Var. *Audubonii* also found with the species.

25. *generosa*, Dej. Eastern Kansas; var. *formosa*, Say. From Dodge City west.

27. *fulgida*, Say. Extreme western Kansas.

28. *tranquebarica*, Hb. Lawrence and Topeka.

30. *duodecimguttata*, Dej. Eastern Kansas; common on sunny banks in woodlands.

32. *repanda*, Dej. Eastern Kansas; common.

33. *hirticollis*, Say. Lawrence and Topeka. At the latter locality on sand-bars in the Kansas river; common.

43. *cuprascens*, Lec. Lawrence, Topeka, Hutchinson, and Rooks county. Is found on sand-bars and banks of streams.

45. *macra*, Lec. With the last species, and apparently more common.

46. *sperata*, Lec. (Var.) "Dodge City." (Cooper.)

51. *punctulata*, Fab. Abundant in Eastern Kansas. Taken also in various localities throughout the State. Specimens from western Kansas and Colorado are frequently strongly tinged with blue or gold-green.

60. *circumpicta*, Laf. "Dodge City." (Cooper).

65. *cursitans*, Lec. A few specimens of this species were taken by me at Morgan City, Clay county, in June, 1875.

## CARABIDÆ.

## OMOPHRON, Latr.

72. *americanum*, Dej. Eastern Kansas.

73. *tessellatum*, Say. Bow creek, in Rooks county.

76. *nitidum*, Lec. Lawrence and Bow creek.

ELAPHRUS, *Fab.*

85. *ruscarius*, Say. Eastern Kansas; common, and found on the margins of streams and other muddy spots.

CALOSOMA, *Weber.*

131. *externum*, Say. Eastern Kansas; common.

134. *scrutator*, *Fab.* Eastern Kansas; common; climbs trees and bushes in search for its insect food.

137. *Sayi*, *Dej.* Eastern Kansas; rarely found.

138. *peregrinator*, *Guer.* Western Kansas.

140. *triste*, *Lec.* Western Kansas.

141. *obsoletum*, *Say.* Topeka and Lawrence.

142. *semilæve*, *Lec.* Lawrence.

143. *calidum*, *Fab.* Eastern Kansas; the most abundant species of the genus; very common in grain-fields in August.

147. *discors*, *Lec.* Lawrence.

CARABUS, *L.*

155. *serratus*, *Say.* Eastern Kansas.

159. *sylvosus*, *Say.* Eastern Kansas; both species are rare at Topeka.

NOMARETUS, *Lec.*

166. *bilobus*, *Say.* Eastern Kansas; rare.

CYCHRUS, *Fab.*

173. *elevatus*, *Fab.* Eastern Kansas.

PASIMACHUS, *Bon.*

200. *elongatus*, *Lec.* Common throughout Kansas.

205. *californicus*, *Chd.* Eastern Kansas; frequent.

SCARITES, *Fab.*

208. *substriatus*, *Hald.* Lawrence.

209. *subterraneus*, *Fab.* Eastern Kansas; common.

DYSCHIRIUS, *Bon.*

220. *globulosus*, *Say.* Eastern Kansas; common.

224. *sphaericollis*, *Say.* Topeka and Rooks county. Taken burrowing in sand-bars in Bow creek, Rooks county.

CLIVINA, *Latr.*

250. *dentipes*, *Dej.* Topeka and Lawrence.

259. *elongata*, *Rand.* Two specimens of a variety, taken at Topeka.

269. *bipustulata*, *Fab.* Eastern Kansas; common.

SCHIZOGENIUS, *Putz.*

276. *lineolatus*, *Say.* Topeka; one specimen.

BRACHYNUS, *Web.*

290. *cyanipennis*, *Say.* Eastern Kansas.

296. *fumans*, *Fab.* Eastern Kansas.

PANAGÆUS, *Latr.*

307. *fasciatus*, *Say.* Lawrence and Topeka; formerly rare, but twenty specimens were taken in the spring of 1877; they were found under stones and boards, on hillsides.

HELLUOMORPHA, *Lap.*

312. *præusta*, *Dej.* Eastern Kansas.

313. *laticornis*, *Dej.* Eastern Kansas; both species infrequent.

GALERITA, *Fab.*

317. *atripes*, *Lec.* Eastern Kansas.

318. *janus*, *Fab.* Eastern Kansas; both species common.

ZUPHIUM, *Latr.*

322. *americanum*, *Dej.* Topeka; one specimen.

CASNONIA, *Latr.*

329. *pennsylvanica*, *L.* Eastern Kansas; common.

LEPTOTRACHELUS, *Latr.*

331. *dorsalis*, *Fab.* Eastern Kansas; infrequent.

LOXOPEZA, *Chd.*

340. *grandis*, *Hentz.* Eastern Kansas; common. Flies to a light at night.

341. *atriventris*, *Say.* Eastern Kansas; more common than the last named, and has very similar habits.

LEBIA, *Latr.*

345. *pulchella*, *Dej.* Topeka; two specimens taken in four years; one of these was captured flying around a light at night.

349. *viridis*, *Say.* Eastern Kansas; frequently brushed from weeds and flowers, and takes wing very readily.

350. *pumila*, *Dej.* Topeka; one specimen.

354. *ornata*, *Say.* Lawrence.

356. *analís*, *Dej.* Lawrence and Topeka; rare.

DIANCHOMENA, *Chd.*

359. *abdominalis*, *Chd.* Eastern Kansas.

360. *scapularis*, *Dej.* Eastern Kansas; abundant under garden refuse.

APHELOGENIA, *Chd.*

366. *bivittata*, *Fab.* Eastern Kansas; common. Found under refuse heaps in gardens and in similar localities.

368. *divisa*, *Lec.* Lawrence.

BLECHRUS, *Motsch.*

382. *linearis*, *Lec.* Topeka; frequent.

384. *lucidus*, *Lec.* Topeka; frequent.

385. *pusio*, *Lec.* Topeka.

APENES, *Lec.*

392. *sinuata*, *Say.* Topeka.

GLYCIA, *Chd.*

394. *purpurea*, *Say.* Eastern Kansas.

CYMINDIS, *Latr.*

397. *laticollis*, *Say.* Western Kansas.

398. *brevipennis*, *Zimm.* With the last.

406. *americana*, *Dej.* Topeka; one specimen.

PINACODERA, *Schaum.*

411. *platicollis*, *Say.* Topeka; one specimen.

CALLIDA, *Dej.*

419. *punctata*, *Lec.* Eastern Kansas; infrequent.

RHOMBODERA, *Reiche.*

423. *pallipes*, *Lec.* Topeka; one specimen.

CALATHUS, *Bon.*

427. *gregarius*, *Say.* Eastern Kansas.

PLATYNUS, *Bon.*

456. *decens*, *Say.* Eastern Kansas.

461. *extensicollis*, *Say.* Eastern and middle Kansas; common.

463. *decorus*, *Say.* With the last, and equally common.

483. *punctiformis*, *Say.* Lawrence.

487. *æruginosus*, *Dej.* Lawrence.

498. *nutans*, *Say.* Eastern Kansas.

508. *octopunctatus*, *Fab.* Eastern Kansas; common.

514. *placidus*, *Say.* Eastern Kansas; frequent.

520. *obsoletus*, Say. Lawrence.

EVARTHUS, *Lec.*

549. *seximpressus*, *Lec.* Eastern Kansas.

557. *colossus*, *Lec.* Eastern Kansas.

558. *sodalis*, *Lec.* var. *corax*. Lawrence and Topeka; frequent.

561. *substriatus*, *Lec.* Western Kansas; common.

562. *constrictus*, Say. Rooks county and Topeka.

PTEROSTICHUS, *Bon.*

605. *ventralis*, Say. Eastern Kansas.

608. *stygius*, Say. Topeka.

616. *permundus*, Say. Eastern Kansas; frequent.

624. *Sayi*, Brulle. Eastern Kansas; common.

625. *lucublandus*, Say. With the last, but less common.

629. *caudicalis*, Say. Topeka; frequent.

633. *mutus*, Say. Topeka.

640. *erythropus*, Dej. Lawrence.

642. *patruelis*, Dej. Eastern Kansas.

643. *femoralis*, Kby. Topeka; two specimens.

— Two undetermined species.

AMARA, *Bon.*

673. *carinata*, *Lec.* Eastern Kansas; frequent. Often found under dead animals and the like. An undescribed *Amara* (near *carinata*) is found at Topeka and Lawrence.

682. *exarata*, Dej. Eastern Kansas.

685. *laticollis*, Kby. Lawrence.

688. *angustata*, Say. Lawrence.

694. *impuncticollis*, Say. Abundant throughout the State.

699. *fallax*, *Lec.* Lawrence.

702. *polita*, *Lec.* Topeka.

721. *musculus*, Say. Eastern Kansas; frequent.

BADISTER, *Clairv.*

725. *notatus*, Hald. Topeka; under stones, etc., in damp places. Not common.

DIPLOCHILA, *Brulle.*

733. *laticollis*, *Lec.* Eastern Kansas; not common.

735. *obtusa*, *Lec.* Topeka; not common. Taken under stones on dry hillsides.

DICÆLUS, *Bon.*

740. *splendidus*, Say. Eastern Kansas; frequent.

745. *sculptilis*, Say. Eastern Kansas; frequent.

752. *elongatus*, Dej. Eastern Kansas; common.

ANOMOGLOSSUS, *Chd.*

758. *emarginatus*, Say. Eastern Kansas; not rare.

759. *pusillus*, Say. Eastern Kansas; common.

CHLÆNIUS, *Bon.*

764. *æstivus*, Say. Eastern Kansas.

765. *erythropus*, Germ. Lawrence.

766. *fuscicornis*, Dej. Topeka.

768. *laticollis*, Say. Eastern Kansas; common.

771. *lithophilus*, Say. Eastern Kansas.

774. *sericeus*, Forst. Eastern Kansas; common.

780. *solitarius*, Say. Eastern Kansas; found on sand-bars, under driftwood.

781. *nemoralis*, Say. Eastern Kansas; frequent.

782. *pennsylvanicus*, Say. Eastern Kansas.

783. *tricolor*, Dej. Lawrence.

785. *nebraskensis*, *Lec.* One specimen taken in western Kansas (Rooks Co).

791. *impunctifrons*, Say. Topeka; one specimen.

795. *tomentosus*, Say. Eastern and middle Kansas; common.

OODES, *Bon.*

805. *cupræus*, Chd. Eastern Kansas, on bars in Kansas River; swims readily on the surface of the water; not common.

NOTHOPUS, *Lec.*

815. *zabroides*, *Lec.* Western Kansas; (Cooper.)

GEOPINUS, *Lec.*

816. *incrassatus*, Dej. Lawrence and Topeka.

CRATACANTHUS, *Dej.*

818. *dubius*, Bv. Common throughout the State.

AGONODERUS, *Dej.*

822. *lineola*, Fab. Eastern Kansas; common.

824. *comma*, Fab. Eastern and middle Kansas; very abundant.

828. *pauperculus*, Dej. Topeka; common.

830. *testaceus*, Dej. Topeka; frequent.

DISCODERUS, *Lec.*

834. *parallelus*, Hald. Topeka and Lawrence.

ANISODACTYLUS, *Dej.*

843. *rusticus*, Dej. Eastern Kansas; abundant.

843a. *tristis*, Dej. Eastern Kansas.

844. *pinguis*, *Lec.* Lawrence.

845. *dulcicollis*, Laf. Topeka.

846. *carbonarius*, Say. Eastern Kansas; common.

860. *baltimorensis*, Say. Eastern Kansas; abundant.

871. *sericeus*, Harris. Eastern Kansas; common.

XESTONOTUS, *Lec.*

872. *lugubris*, Dej. Topeka; two specimens.

SPONGOPUS, *Lec.*

873. *verticalis*, *Lec.* Eastern Kansas; common.

AMPHASIA, *Newm.*

874. *interstitialis*, Say. Eastern Kansas; common.

ANISOTARSUS, *Chd.*

878. *terminatus*, Say. Eastern Kansas; common.

879. *agilis*, Dej. Topeka; rare.

GYNANDROPUS, *Dej.*

886. *hylacis*, Say. Lawrence.

BRADYCELLUS, *Er.*

888. *dichrous*, Dej. Lawrence.

890. *autumnalis*, Say. Lawrence.

891. *badiipennis*, Hald. Topeka; rare.

892. *atrime dius*, Say. Topeka; rare.

900. *rupestris*, Say. Lawrence.

SELENOPHORUS, *Dej.*

917. *troglydites*, Dej. Western Kansas.

HARPALUS, *Latr.*

924. *erraticus*, Say. Eastern Kansas.

926. *amputatus*, Say. Western Kansas; also, Topeka. One specimen.

928. *caliginosus*, Fab. Eastern Kansas; very common.

929. *faunus*, Say. Lawrence.

932. *pennsylvanicus*, Dej. Eastern Kansas; very common in autumn.

933. *compar*, Lec. Eastern Kansas; equally common with the last named.

934. *erythropus*, Dej. Topeka; not rare.

940. *herbivagus*, Say. Eastern Kansas; very common.

946. *cautus*, Dej. Lawrence.

963. *testaceus*, Lec. Western Kansas, along the Arkansas river. Five specimens, taken by the writer in different localities.

#### STENOLOPHUS, Dej.

976. *conjunctus*, Say. Eastern Kansas; very abundant in winter and spring.

982. *ochropezus*, Say. Eastern Kansas.

#### PATROBUS, Dej.

992. *longicornis*, Say. Topeka and Lawrence.

#### BEMBIDIUM, Latr.

1026. *inæquale*, Say. Eastern Kansas; not common.

1029. *coxendix*, Say. Eastern Kansas and Rooks county; common.

1037. *chalceum*, Dej. Topeka.

1072. *picipes*, Kby. Lawrence.

1080. *cordatum*, Lec. Great Spirit salt spring, Mitchell county.

1099. *dorsale*, Say. Lawrence.

1097. *intermedium*, Kby. Eastern Kansas; common. Also taken by me at Great Spirit spring.

1100. *pictum*, Lec. Eastern Kansas.

1102. *contractum*, Say. Topeka.

— *texanum*, Chd. (Mss.) A species so named by Dr. LeConte is not rare at Topeka.

1119. *quadrinaculatum*, L. Topeka; common.

1122. *levigatum*, Say. Eastern Kansas; not common.

#### TACHYS, Ziegler.

1129. *scitulus*, Lec. Lawrence.

1143. *nanus*, Gyll. Lawrence.

1145. *flavicauda*, Say. Topeka.

1148. *tripunctatus*, Say. Topeka.

1149. *vivax*, Lec. Lawrence.

1156. *incurvus*, Say. Topeka and Lawrence.

1160. *dolosus*, Lec. Topeka; common.

#### PERICOMPSUS, Lec.

1165. *ephippiatus*, Say. Lawrence and Topeka; rare. My only specimen was taken from the mud on the bank of a small stream.

#### HALIPLIDÆ.

##### HALIPLUS, Latr.

1175. *triopsis*, Say. Topeka.

— One undetermined species.

##### CNEMIDOTUS, Er.

1183. *duodecimpunctatus*, Say. Lawrence and Topeka; rare.

#### DYTISCIDÆ.

##### ERETES, Lap.

1185. *sticticus*, Linn. Smoky Hill river. (Cooper.)

##### HYDROPORUS, Clv.

1210. *nubilus*, Lec. Topeka and Great Spirit Spring.

1238. *mixtus*, Lec. Topeka; infrequent.

1240. *vittatus*, Lec. Topeka; two specimens.

1246. *modestus*, Aube. Topeka.

#### CYBISTER, Curt.

1273. *fimbriolatus*, Say. Topeka and Rooks county; common.

#### LACCOPHILUS, Leach.

1277. *maculosus*, Germ. Eastern Kansas.

1278. *fasciatus*, Aube. Topeka; very common.

1279. *proximus*, Say. Lawrence and Topeka.

#### ACILIUS, Leach.

1288. *mediatus*, Say. Topeka; a single specimen.

#### GRAPHODERES, Esch.

1294. *liberus*, Say. Eastern Kansas.

#### COLYMBETES, Clv.

1300. *sculptilis*, Harris. Eastern Kansas.

#### DYTISCUS, L.

1316. *hybridus*, Aube. Lawrence and Topeka.

#### COPTOTOMUS, Say.

1338. *interrogatus*, Fab. Eastern Kansas.

#### COPELATUS, Er.

1340. *glyphicus*, Say. Lawrence.

1341. *Chevrolatii*, Aube. Topeka; three specimens.

#### GAURODYTES, Thoms.

1346. *tenirolatus*, Harr. Lawrence.

1369. *stagninus*, Say. Topeka; infrequent.

— One undetermined species.

#### GYRINIDÆ.

##### DINEUTES, MacL.

1389. *assimilis*, Aube. Rooks county and eastern Kansas; abundant.

##### GYRINUS, L.

1409. *analisis*, Say. Eastern Kansas.

1412. *minutus*, Fab. Topeka; one specimen.

#### HYDROPHILIDÆ.

##### HELOPHORUS, Fab.

1423. *lineatus*, Say. Topeka.

##### HYDROCHUS, Leach.

1426. *scabratus*, Muls. Topeka; frequent.

1437. *simplex*, Lec. Topeka.

##### HYDROPHILUS, Geoff.

1448. *ovatus*, H. and G. Lawrence.

1449. *triangularis*, Say. Eastern Kansas; common.

##### TROPISTERNUS, Sol.

1450. *nimbatus*, Say. Eastern and middle Kansas; common. Specimens were taken by me from the Great Spirit spring.

1455. *glaber*, Hbst. Less common than the last, and found in the same localities.

##### HYDROCHARIS, Latr.

1461. *obtusatus*, Say. Eastern and middle Kansas; Great Spirit spring; common.

##### BEROSUS, Leach.

1476. *infuscatus*, Lec. Lawrence.

1477. *striatus*, Say. Topeka; not common.

##### LACCOBIUS, Er.

1480. *agilis*, Rand. Topeka and Rooks county.

##### CHÆTARTHRIA, Steph.

1485. *pallida*, Lec. Rooks county.

##### PHILHYDRUS, Sol.

1496. *cinctus*, Say. Lawrence.

1497. *diffusus*, Lec. Lawrence.

1499. *perplexus*, Lec. Eastern Kansas; Great Spirit spring; common.

HYDROBIUS, *Leach*.

— An undetermined species. Lawrence.

CERCYON, *Leach*.

— An undetermined species. Lawrence.

STAPHYLINIDÆ.

FALAGRIA, *Leach*.

1596. *dissecta*, Er. Topeka.

1597. *venustula*, Er. Topeka; frequent.

— *N. sp.* Topeka.

HOPLANDRIA, *Kr.*

— *N. sp.* Topeka.

HOMALOTA, *Mann*.

Six undetermined species, taken at Topeka, are in my collection.

ATEMELES, *Steph.*

1656. *cavus*, Lec. Rare; taken at Tonganoxie, by Mr. T. B. Ashton; a single specimen found by me, at Pueblo, Colorado.

ALEOCHARA, *Grav.*

1660. *lata*, Grav. Eastern Kansas; common.

1662. *bimaculata*, Grav. Eastern Kansas.

1666. *nitida*, Grav. Topeka.

GYROPHENA, *Mann*.

1674. *vinula*, Er. Topeka.

1675. *dissimilis*, Er. Topeka.

LEUCOPARYPHUS, *Kr.*

1688. *silphoides*, L. Topeka.

COPROPORUS, *Kr.*

1691. *punctipennis*, Lec. Topeka.

1692. *ventriculus*, Er. Topeka.

TACHINUS, *Grav.*

— An undetermined species. Topeka.

TACHYPORUS, *Grav.*

1708. *jocosus*, Say. Topeka.

1709. *brunneus*, F. Topeka.

1712. *chrysomelinus*, L. Topeka.

1713. *maculipennis*, Lec. Topeka.

CONOSOMA, *Kr.*

— *scriptum*, Faur. Ms.

1714. *crassum*, Grav. Topeka; rare.

1715. *basale*, Er. Topeka; frequent.

— Two undescribed species. Topeka.

BOLETOBIUS, *Leach*.

1726. *cinctus*, Grav. Topeka; two specimens.

BRYOPORUS, *Kr.*

— An undetermined species. Topeka.

MYCETOPORUS, *Mann*.

— One undescribed species. Topeka.

QUEDIUS, *Steph.*

1754. *fulgidus*, Fab. Lawrence and Topeka.

— An undescribed species. Topeka.

CREOPHILUS, *Kby.*

1771. *villosus*, Grav. Eastern Kansas; common.

LEISTOTROPHUS, *Perty*.

1773. *cingulatus*, Grav. Eastern Kansas.

STAPHYLINUS, *L.*

1777. *maculosus*, Grav. Eastern Kansas; common.

1781. *vulpinus*, Nordm. Eastern Kansas.

1782. *fossator*, Grav. Topeka and Lawrence.

1784. *tomentosus*, Grav. Eastern Kansas.

BELONUCHUS, *Nordm.*

1801. *formosus*, Grav. Topeka.

PHILONTHUS, *Leach*.

1802. *cyanipennis*, Fab. Eastern Kansas; found in fungi and in decaying vegetable matter.

1806. *cautus*, Er. Topeka; two specimens.

1807. *hepaticus*, Er. Topeka; common.

1818. *palliatu*s, Grav. Topeka.

1820. *thoracicus*, Grav. Lawrence and Topeka.

1822. *micans*, Grav. Topeka.

1824. *brunneus*, Grav. Topeka.

1833. *baltimorensis*, Grav. Topeka; has the habits of *cyanipennis*.

1837. *pæderoides*, Lec. Topeka.

GYROHYPNUS, *Leach*.

1849. *cephalus*, Say. Topeka.

1854. *pusillus*, Sachse. Topeka.

— An undetermined species. Lawrence.

— One undescribed species. Topeka.

DIOCHUS, *Er.*

1864. *Schaumii*, Kr. Topeka.

LATHROBIUM, *Grav.*

1869. *puncticoll*e, Kby. Lawrence.

1873. *brevipenne*, Lec. Topeka.

1879. *longiusculum*, Grav. Topeka and Lawrence.

— Three undescribed species. Topeka.

CRYPTOBIUM, *Mann*.

1882. *badium*, Grav. Topeka.

1884. *bicolor*, Grav. Eastern Kansas.

1889. *pallipes*, Grav. Eastern Kansas.

1890. *latebricola*, Nordm. Topeka.

RUGILUS, *Leach*.

1896. *angularis*, Er. Topeka.

1897. *dentatus*, Say. Topeka.

SCOPÆUS, *Er.*

— An undescribed species. Topeka.

LITHOCHARIS, *Er.*

1901. *corticina*, Grav. Topeka.

1902. *confluens*, Say. Topeka and Lawrence.

— *ochracea*, Grav. Topeka.

SUNIUS, *Steph.*

1908. *longiusculu*s, Mann. Topeka; abundant in the fall, winter and spring, under stones and boards.

PÆDERUS, *Grav.*

1914. *littorarius*, Grav. Eastern Kansas; common.

PINOPHILUS, *Grav.*

1921. *opacus*, Lec. Topeka; not common.

STENUS, *Latr.*

1927. *colon*, Say. Topeka; one specimen.

1932. *stygi*cus, Say. Topeka.

1933. *colonu*s, Er. Topeka.

1934. *egenu*s, Er. Topeka; not rare in winter under stones.

1949. *callosu*s, Er. Topeka.

— *N. sp.* Topeka.

EUÆSTHETUS, *Grav.*

1951. *americanu*s, Er. Topeka; one specimen.

OXYPORUS, *F.*

1957. *rufipennis*, Lec. Topeka; rare.  
1959. *stygius*, Say. Topeka; one specimen.

OSORIUS, *Latr.*

1963. *latipes*, Grav. Topeka and Lawrence; frequent.

BLEDIUS, *Leach.*

1968. *rubiginosus*, Er. Lawrence.  
1976. *annularis*, Lec. Topeka.

OXYTELUS, *Grav.*

1992. *sculptus*, Grav. Topeka.  
1993. *insignitus*, Grav. Topeka.  
— An undetermined species. Topeka.

APOCELLUS, *Er.*

- *N. sp.* Topeka.

TROGOPHLEUS, *Mann.*

- Two new species. Topeka.

ANTHOPHAGUS, *Grav.*

- One undetermined species. Topeka.

OLOPHRUM, *Er.*

2023. *rotundicollis*, Say. Topeka and Lawrence.

OMALIUM, *Grav.*

- One undetermined species. Topeka.

GLYPTOMA, *Er.*

2078. *costale*, Er. Topeka; one specimen.

## PSELAPHIDÆ.

TMESIPHORUS, *Lec.*

2093. *costalis*, Lec. Topeka; frequent under decayed logs.

CTENISTES, *Reich.*

2096. *pulvereus*, Lec. Topeka.

BRYAXIS, *Leach.*

- Several undetermined species. Topeka.

## SILPHIDÆ.

SILPHA, *Linn.*

2176. *marginata*, Fab. Eastern Kansas; common.  
2181. *pustulata*, Hersch. Topeka; a single specimen.

2183. *americana*, Oliv. Eastern Kansas; frequent.

2184. *orbicollis*, Say. Eastern Kansas; infrequent.

2185. *tomentosa*, Web. Eastern Kansas; frequent.

PELTIS, *Geoff.*

2187. *surinamensis*, Fab. Eastern Kansas; common.

2188. *lapponica*, Hb. Lawrence.

2192. *noveboracensis*, Forst. Eastern Kansas; common.

2193. *inæqualis*, Fab. Eastern Kansas; common.

2194. *truncata*, Say. Western Kansas.

2195. *ramosa*, Say. "Fort Dodge and west." (Cooper.)

2196. *americana*, L. Eastern Kansas; frequent.

CHOLEVA, *Latr.*

2206. *opaca*, Say. Eastern Kansas; rare.

CATOPS, *Payk.*

2218. *brunneipennis*, Mann. Topeka; one specimen.

COLENIS, *Er.*

2246. *impunctata*, Lec. Topeka; one specimen.

## SCYDMÆNIDÆ.

SCYDMENUS, *Latr.*

- An undetermined species; Topeka.

## CORYLOPHIDÆ.

ORTHOPELUS, *Steph.*

2309. *glaber*, Lec.

SACIUM, *Lec.*

- An undetermined species; Topeka.

## SCAPHIDIIDÆ.

SCAPHIDIUM, *Oliv.*

2325. *quadriguttatum*, Say. Eastern Kansas.

2327. *piceum*, Mels. Topeka; two specimens.

SCAPHISOMA, *Leach.*

2333. *convexum*, Say. Topeka.

- An undetermined species; Topeka.

TOXIDIUM, *Lec.*

2339. *gammaroides*, Lec. Topeka; frequent.

## LATRIDIIDÆ.

LATRIDIVS, *Hb.*

- An undetermined species is common at Topeka.

## DERMESTIDÆ.

DERMESTES, *Linn.*

2392. *marmoratus*, Say. Throughout the State.

2393. *Mannerheimii*, Lec. Topeka.

2394. *fasciatus*, Lec. Lawrence.

2395. *nubilus*, Say. Eastern Kansas.

2400. *pulcher*, Lec. Eastern Kansas; rare.

2401. *lardarius*, Linn. Eastern Kansas; introduced. Not common.

2403. *bicolor*, Fab. Lawrence.

2404. *maculatus*, Deg. Lawrence.

ATTAGENUS, *Latr.*

2406. *megatoma*, Fab. Eastern Kansas; frequent.

TROGODERMA, *Latr.*

2418. *tarsalis*, Mels. Eastern Kansas; frequent. This and the preceding are very destructive in collections of bird-skins or insects.

CRYPTORHOPALUM, *Guer.*

2424. *picicorne*, Lec. Topeka.

ANTHRENUS, *Geoff.*

2428. *thoracicus*, Mels. Topeka.

2430. *varius*, Fab. Topeka.

## ENDOMYCHIDÆ.

LYCOPERDINA, *Latr.*

2435. *ferruginea*, Lec. Eastern Kansas.

MYCETINA, *Muls.*

2439. *vittata*, Fab. Eastern Kansas.

ENDOMYCHUS, *Hellw.*

2451. *biguttatus*, Say. Eastern Kansas.

ALEXIA, *Steph.*

2456. *minor*, Cr. Topeka.

## TRITOMIDÆ.

TRITOMA, *Geoff.*

2457. *punctatus*, Say. Eastern Kansas; not common.

2458. *flexuosus*, Say. Eastern Kansas; frequent.

2463. *pluripunctatus*, Lec. Topeka; rare.

CRYPTOPHAGUS, *Payk.*

- An undetermined species. Topeka.

LITARGUS, *Er.*2472. *didesmus*, Say. Topeka; frequent.TYPHCEA, *Curt.*2474. *fumata*, L. Lawrence.

## CIOIDÆ.

CIS, *Latr.*

— Three undetermined species, taken at Topeka.

## EROTYLIDÆ.

LANGURIA, *Latr.*2505. *bicolor*, Fab. Eastern Kansas. Var. *puncticollis*, Say, is common on *Cacalia tuberosa*.2506. *Mozardi*, Latr. Eastern Kansas; not rare.2509. *angustata*, Bv. Lawrence.2509a. *trifasciata*, Say. Eastern Kansas; found under stones in early spring; rare.2512. *Lecontei*, Crotch. Eastern Kansas; rare.DACNE, *Latr.*2515. *quadrimaculata*, Say. Topeka; one specimen.HYPODACNE, *Lec.*— *punctata*, Lec. Topeka and Lawrence.MEGALODACNE, *Cr.*2517. *fasciata*, Fab. Lawrence.ISCHYRUS, *Lac.*2520. *quadripunctatus*, Oliv. Eastern Kansas.MYCOTRETUS, *Lac.*2524. *pulchra*, Say. Topeka; taken from under walnut bark; rare.CYRTOTRIPLAX, *Cr.*2530. *atriventris*, Lec. Topeka; three specimens.2532. *unicolor*, Say. Eastern Kansas; common.TRIPLAX, *Hb.*2537. *thoracica*, Say. Eastern Kansas; common.2540. *flavicollis*, Lac. Topeka; one specimen.

## ATOMARIIDÆ.

TOMARUS, *Lec.*2562. *pulchellus*, Lec. Topeka.ATOMARIA, *Steph.*2573. *ephippiata*, Zimm. Topeka; common.EPHISTEMUS, *Steph.*2574. *apicalis*, Lec. Topeka.LOBERUS, *Lec.*2576. *impressus*, Lec. Topeka.SILVANUS, *Latr.*2579. *advena*, Waltl. Topeka.2580. *surinamensis*, Linn. Topeka; common; infesting mills and granaries.2582. *planatus*, Germ. Topeka; under bark.

## CUCUJIDÆ.

CATOGENUS, *Westw.*2592. *rufus*, Fab. Eastern Kansas.CUCUJUS, *Fab.*2594. *clavipes*, Fab. Eastern Kansas.LÆMOPHLEUS, *Lap.*2598. *biguttatus*, Say. Lawrence.ULIOTA, *Latr.*2610. *dubia*, Fab. Eastern Kansas; frequent.

## BITOMIDÆ.

BITOMA, *Hb.*2614. *striatus*, Mels. Eastern Kansas.TROGOXYLON, *Lec.*2618. *parallelopipedum*, Mels. Lawrence.

## COLYDIIDÆ.

SYNCHYTODES, *Cr.*2626. *quadriguttata*, Say. Topeka.EUDESMA, *Lec.*2627. *undulata*, Mels. Topeka.SYNCHITA, *Hellw.*2628. *granulata*, Say. Topeka.2629. *nigripennis*, Lec. Lawrence.CICONES, *Curt.*2633. *marginalis*, Mels. Topeka.COLYDIUM, *Fabr.*2642. *lineola*, Say. Topeka.BOTHRIDERES, *Er.*2646. *geminatus*, Say. Topeka.PHILOTHERMUS, *Aube.*2652. *glabriculus*, Lec. Topeka.CERYLON, *Latr.*2654. *castaneum*, Say. Topeka.

## RHYSSODIDÆ.

RHYSSODES, *Dalm.*3657. *exaratus*, Ill. Eastern Kansas.

## RHIZOPHAGIDÆ.

RHIZOPHAGUS, *Hb.*2663. *bipunctatus*, Say. Topeka; two specimens.HESPEROBÆNUS, *Lec.*2670. *rufipes*, Lec. Lawrence.MONOTOMA, *Hb.*2673. *fulvipes*, Mels. Lawrence.

## TROGOSITIDÆ.

ALYNDRIA, *Er.*2684. *cylindrica*, Serv. Tonganoxie, Lawrence, Topeka.TENEBRIOIDES, *Pall.*2686. *mauritanica*, L. Topeka.2688. *corticalis*, Mels. Eastern Kansas.2693. *castanea*, Mels. Topeka; a single specimen, taken under bark.2693a. *laticollis*, Horn. Topeka and Lawrence.2693b. *obscura*, Horn. Topeka.

## NITIDULIDÆ.

TRIXAGUS, *Kug.*2705. *unicolor*, Say. Topeka; taken on flowers of *Cornus*.CERCUS, *Latv.*2710. *abdominalis*, Er. Topeka and Lawrence.CARPOPHILUS, *Steph.*2726. *hemipterus*, Linn. Topeka.2728. *rufus*, Murr. Western Kansas.EPURÆA, *Er.*2752. *rufa*, Say. Eastern Kansas; an undetermined species; Lawrence.NITIDULA, *Fabv.*2753. *bipustulata*, L. Eastern Kansas; common.2754. *rufipes*, L. Lawrence.

2755. *ziczac*, Say. Throughout Kansas, varying greatly in size; common.

PROMETOPIA, *Er.*

2756. *sexmaculata*, Say. Eastern Kansas.

OMOSITA, *Er.*

2760. *colon*, L. Eastern Kansas; common.

PHENOLIA, *Er.*

2762. *grossa*, Fab. Eastern Kansas. Found in fungi and in decayed wood; frequent.

MELIGETHES, *Steph.*

2766. *sævus*, Lec.

PALLODES, *Er.*

2783. *silaceus*, *Er.* Topeka; in fungi.

CRYPTARCHA, *Shuck.*

2785. *ampla*, *Er.* Lawrence.

PITYOPHAGUS, *Shuck.*

2788. *quadriguttatus*, Fab. Eastern Kansas; common.

PHALACRIDÆ.

PHALACRUS, *Payk.*

2806. *politus*, Mels. Topeka; frequent.

OLIBRUS, *Er.*

2817. *consimilis*, Msh. Topeka; common.

2819. *nitidus*, Mels. Topeka; very abundant throughout the year.

— One undetermined species; Topeka.

COCCINELLIDÆ.

EPILACHNA, *Redt.*

— *borealis*, Fab. Lawrence.

MEGILLA, *Muls.*

2823. *maculata*, DeG. Eastern Kansas; occurs in great numbers. The most abundantly represented species of the family in this section.

HIPPODAMIA, *Chev.*

2830. *glacialis*, Fab. Throughout the State; common, and varies much in the black elytral markings. A specimen in my cabinet has the markings united into a broad, black triangle, with a small central red dot. Others have three small black dots disposed in a triangle.

2832. *convergens*, Guer. Common throughout Kansas. The most abundant *coccinellid* in Western Kansas, where it occurs on Helianthus and other coarse, strong-scented herbs. Specimens with immaculate elytra are frequent.

2836. *tridecimpunctata*, L. Eastern Kansas; not common.

2837. *parenthesis*, Say. Eastern and Western Kansas; infrequent at Topeka.

COCCINELLA, *Linn.*

2847. *novemnotata*, Hb. Eastern Kansas; common.

2848. *quinquenotata*, Kby. Western Kansas.

CYCLONEDA, *Cr.*

2853. *sanguinea*, L. Eastern and middle Kansas; very abundant.

2854. *oculata*, Fab. Topeka; frequent.

2854a. *abdominalis*, Say. Eastern and middle Kansas; occurs with the last in about the same numbers.

ADALIA, *Muls.*

2856. *bipunctata*, Linn. Lawrence.

ANATIS, *Muls.*

2862. *quindecimpunctata*, Oliv. Eastern Kansas.

CHILOCORUS, *Leach.*

2869. *bivulnerus*, Muls. Eastern Kansas; frequent.

EXOCHOMUS, *Redt.*

— *tripustulatus*, DeG. Topeka.

ÆNEIS, *Muls.*

2784. *pusilla*, Lec. Topeka.

BRACHYACANTHA, *Muls.*

2876. *dentipes*, Fab. Eastern Kansas; common.

2877. *ursina*, F. Eastern Kansas; frequent.

2877c. *basalis*, Mels. Lawrence.

HYPERASPIS, *Chev.*

2882. *fimbriolata*, Mels. Topeka; Rooks county.

2889. *proba*, Say. Lawrence.

2892. *lugubris*, Rand. Topeka.

2894. *undulata*, Say. Topeka.

2896. *annexa*, Lec. Western Kansas.

SCYMNUS, *Kug.*

2904. *flavifrons*, Mels. Lawrence.

2919. *hæmorrhous*, Lec. Topeka.

2920. *caudalis*, Lec. Topeka.

— Three undetermined species. Topeka.

PARNIDÆ.

HELICHUS, *Er.*

2975. *lithophilus*, Germ. Lawrence.

2976. *fastigiatus*, Say. Topeka.

2977. *striatus*, Lec. Topeka; rare.

HETERO CERIDÆ.

HETERO CERUS, *Fab.*

3014. *limbatus*, Kies.

3016. *pallidus*, Say. Topeka and Rooks county.

— Three other species.

HISTERIDÆ.

HOLOLEPTA, *Payk.*

3023. *fossularis*, Say. Eastern Kansas; frequent.

HISTER, *L.*

3032. *biplagiatus*, Lec. Eastern Kansas; frequent.

3033. *Ulkei*, Horn. Western Kansas.

3037. *Harrisii*, Kby. Eastern Kansas.

3039. *interruptus*, Bv. var. Topeka.

3049. *abbreviatus*, Fab. Topeka; frequent.

3053. *depurator*, Say. Eastern Kansas; frequent.

3055. *incertus*, Mars. Topeka.

3059. *defectus*, Lec. Topeka.

3063. *sedecimstriatus*, Say. Eastern Kansas; common.

3065. *americanus*, Payk. Eastern Kansas; common.

3068. *nubilus*, Lec. Topeka.

3069. *pollutus*, Lec. Lawrence.

3073. *subrotundus*, Say. Topeka and Rooks county; common.

3074. *vernus*, Say. Topeka.

3076. *carolinus*, Payk. Eastern Kansas; under elm bark; common.

3077. *Lecontei*, Mars. Lawrence and Topeka.

EPIERUS, *Er.*

3090. *pulicarius*, *Er.* Topeka.

TRIBALUS, *Er.*

3094. *americanus*, Lec. Topeka.

## PAROMALUS, Er.

3103. *estriatus*, Lec. Topeka.  
 3104. *conjunctus*, Say. Topeka.  
 3107. *14-striatus*, Steph. Topeka.  
 3114. *bistriatus*, Er. Topeka.

## DENDROPHILUS, Leach.

3116. *punctulatus*, Say. Topeka and Lawrence.

## SAPRINUS, Leach.

3119. *rotundatus*, Kug. Lawrence and Topeka.  
 3131. *lugens*, Er. Topeka and western Kansas.  
 3133. *pensylvanicus*, Pk. Throughout Kansas; common. Western specimens seem to have the metallic hues brightest.  
 3138. *assimilis*, Payk. Throughout Kansas.  
 3141. *placidus*, Er. Topeka.

## BACANIUS, Lec.

3186. *misellus*, Lec. Topeka.

## LUCANIDÆ.

## LUCANUS, L.

3202. *elaphus*, F. Lawrence.  
 3203. *dama*, Thunb. Eastern Kansas; common.  
 3204. *placidus*, Say. Eastern Kansas; common.

## DORCUS, McL.

3207. *parallelus*, Say. Topeka and Lawrence; rare.

## PLATYCERUS, Geoff.

3208. *quercus*, Web. Eastern Kansas.

## CERUCHUS, McL.

3213. *piceus*, Web. Eastern Kansas.

## PASSALUS, Fab.

3216. *cornutus*, Fab. Eastern Kansas; frequent.

## SCARABÆIDÆ.

## CANTHON, Hoff.

3228. *viridis*, Bv. Topeka; rare.  
 3230. *hudsonias*, Forst. Throughout Kansas; abundant at Topeka.

## CHERIDIUM, Lep.

3233. *histeroides*, Web. Eastern Kansas.

## COPRIS, Geoff.

3234. *carolina*, Linn. Eastern Kansas; rare.  
 3237. *anaglypticus*, Say. Eastern Kansas; common.  
 3238. *minutus*, Dru. Eastern Kansas; common.

## PHANÆUS, McL.

3241. *carnifex*, Linn. Eastern Kansas; abundant.  
 3242. *triangularis*, Say. Lawrence; rare. Specimens sent me by Mr. G. F. Gaumer.

## ONTHOPHAGUS, Latr.

3244. *latebrosus*, Fab. Eastern and middle Kansas; common.

— *pensylvanicus*, Hn. Eastern Kansas.

## APHODIUS, Ill.

3259. *fimetiarius*, L. Eastern Kansas; frequent.  
 3268. *granarius*, L. Topeka and Lawrence.  
 3274. *serval*, Say. Lawrence.  
 3275. *inquinatus*, Hb. Topeka; frequent.  
 3282. *rubeolus*, Bv. Topeka; rare.  
 3283. *stercorosus*, Mels. Eastern Kansas.  
 3291. *concausus*, Say. Eastern Kansas; infrequent.  
 3293. *alternatus*, Hn. Lawrence.

3296. *bicolor*, Say. Eastern Kansas.

3299. *femoralis*, Say. Eastern Kansas; abundant.

3302. *oblongus*, Say. Topeka.

## ATENIUS, Harr.

3309. *robustus*, Horn. Topeka; rare.  
 3311. *gracilis*, Mels. Topeka; one specimen.  
 3313. *stercorator*, Fab. Eastern Kansas.  
 3319. *abditus*, Hald. Lawrence.

## RHYSSEMUS, Muls.

— *new species*. Topeka; found in pools left after rain.

## BOLBOCERAS, Kby.

3351. *farctus*, Fab. Eastern Kansas; frequent.  
 3352. *lazarus*, Fab. Eastern Kansas; common.

## ODONTÆUS, Klug.

3353. *filicornis*, Say. Eastern Kansas; rare.

## GEOTRYPES, Latr.

3357. *splendidus*, Fab. Eastern Kansas; common.  
 3359. *Egeriei*, Germ. Eastern Kansas; common.  
 3360. *opacus*, Hald. Eastern Kansas; infrequent.

## CLÆOTUS, Germ.

3367. *aphodioides*, Ill. Eastern Kansas; frequent.

## TROX, Fab.

3375. *pustulatus*, Lec. Eastern Kansas.  
 3377. *suberosus*, Fab. Lawrence and Topeka.  
 3378. *morsus*, Lec. Lawrence.  
 3379. *punctatus*, Germ. Eastern and western Kansas; common.

3381. *Sonoræ*. Topeka; common.

3383. *porcatus*, Say. Lawrence.

3384. *tuberculatus*, DeG. Eastern Kansas.

3386. *foveicollis*, Harold. Lawrence.

3387. *terrestris*, Say. Topeka.

3388. *capillaris*, Say. Topeka; frequent.

3390. *æqualis*, Say. Eastern Kansas.

3394. *atrox*, Lec. Topeka; two specimens.

## SERICA, McL.

3429. *vespertina*, Sch. Eastern Kansas.

3436. *sericea*, Ill. Eastern Kansas.

## MACRODACTYLUS, Latr.

3445. *subspinosus*, F. (?) Topeka.

## DIPLTAXIS, Kby.

3469. *frondicola*, Say. Eastern Kansas; common.

## PHYLLOPHAGA, Harris.

3502. *congrua*, Lec. Topeka and Lawrence.

3503. *futilis*, Lec. Lawrence.

3504. *fusca*, Frohl. Eastern Kansas.

- 3504d. *puncticollis*, Bl. Eastern Kansas.

- 3504e. *Drakii*, Kby. Lawrence.

— *micans*, Lec. Lawrence.

3512. *cognata*, Burm. Lawrence.

3513. *fraterna*, Harr. Lawrence.

3516. *calceata*, Lec. Lawrence.

3517. *marginalis*, Lec. Lawrence.

3518. *crassissima*, Bl. Rooks county.

3520. *rugosa*, Mels. Lawrence.

3523. *ilicis*, Kn. Lawrence.

3527. *hirticula*, Kn. Eastern Kansas.

3528. *hirsuta*, Kn. Lawrence.

3540. *crenulata*, Frohl. Eastern Kansas.

3543. *rubiginosa*, Lec. Lawrence.

3547. *tristis*, Fab. Eastern Kansas; common.

TOSTEGOPTERA, *Bl.*

3564. *tanceolata*, Say. Rare at Topeka, but very common in middle and western Kansas.

MACRANOXIA, *Cr.*

3566. *Hammondi*, Lec. Rare at Topeka; common in middle Kansas.

ANOMALA, *Kæppe.*

3577. *varians*, Fab. Eastern Kansas; common.

3578. *minuta*, Burm. Eastern Kansas; less common than the last.

3581. *binotata*, Gyll. Topeka and western Kansas; frequent.

3584. *marginata*, Fab. Eastern Kansas.

STRIGODERMA, *Bm.*

3588. *arboricola*, Fab. Western Kansas; quite rare at Topeka.

PELIDNOTA, *McL.*

3589. *punctata*, L. Eastern Kansas; common.

COTALPA, *Bm.*

3593. *lanigera*, L. Eastern Kansas; not common.

3596. *ursina*, Hn. "Topeka, (?) but without doubt from Kansas." (Cooper.)

CYCLOCEPHALA, *Latr.*

3597. *immaculata*, Burm. Eastern Kansas; very abundant.

CHALEPUS, *McL.*

3607. *trachypygus*, Bm. Eastern Kansas; rare.

— Another species, "more strongly punctured than *obsoletus*" (Lec.), size of *Ligyrrus relictus* (Say.) Dodge City.

LIGYRUS, *Bm.*

3609. *gibbosus*, DeG. Throughout Kansas; very abundant at Topeka, burrowing at the roots of the cocklebur (*Xanthium*).

3612. *relictus*, Say. Eastern Kansas; common about manure piles.

POLYMÆCHUS, *Lec.*

3620. *brevipes*, Lec. Lawrence.

XYLORYCTES, *Hope.*

3621. *satyrus*, Fab. Topeka and Lawrence.

STRATEGUS, *Hope.*

3622. *antæus*, Fab. "Topeka." (Cooper.)

DYNASTES, *Kby.*

3627. *tityus*, Linn. "Smoky Hill river." (Cooper.)

PHILEURUS, *Latr.*

3631. *valgus*, F. Eastern Kansas.

ALLORHINA, *Bm.*

3635. *nitida*, L. Neodesha. (Snow.)

EURYOMIA, *Bm.*

3639. *melancholica*, Gory. Eastern Kansas; abundant; often found gouging ripe fruit in company with *E. inda*, and other beetles.

3640. *sepulchralis*, Fab. Lawrence.

3645. *Kernii*, Hald. Western Kansas; common. A black variety, less common than the species, is found with it in flowers of *Cirsium* and *Argemone*.

3646. *inda*, L. Eastern Kansas; abundant.

3650. *fulgida*, F. Eastern Kansas; frequent; found on *Asclepias cornuti*.

3651. *areata*, Fab. Extreme western Kansas; found on thistle-heads.

CREMASTOCHILUS, *Kn.*

3659. *Knochii*, Lec. Eastern Kansas; frequent.

OSMODERMA, *Lep.*

3665. *eremicola*, Kn. Eastern and middle Kansas; infrequent.

TRICHIUS, *Fab.*

3672. *affinis*, Gory. Eastern Kansas; common.

VALGUS, *Scriba.*

3674. *canaliculatus*, F. Eastern Kansas; in rotten wood and under logs.

## BUPRESTIDÆ.

CHALCOPHORA, *Sol.*

3683. *virginiensis*, Dru. "Topeka." (Cooper.)

3684. *liberta*, Germ. "Topeka." (Cooper.)

3687. *campestris*, Say. Lawrence.

PSILOPTERA, *Sol.*

3688. *Drummondi*, Lap. "Dodge City, and westward to Pueblo, Col." (Cooper.)

DICERCA, *Esch.*

3692. *obscura*, Fab. (?) Lawrence.

3692a. *lurida*, Fab. Topeka and Lawrence.

PÆCILONOTA, *Esch.*

3707. *cyanipes*, Say. Two specimens sent me from Tonganoxie, collected there by Mr. Ashton.

3708. *ferrea*, Mels. Lawrence.

BUPRESTIS, *Linn.*

3711. *rufipes*, Oliv. Eastern and middle Kansas; rare.

3713. *confluens*, Say. A few specimens taken by me at Stockton, Rooks county, on a cottonwood log.

3719a. *Langii*, Mann. "Topeka." (Cooper.)

CINYRA, *Lap.*

3727. *gracilipes*, Mels. Lawrence.

MELANOPHILA, *Esch.*

3732. *longipes*, Say. "Very abundant on Smoky Hill river in August." (Cooper.)

ANTHAXIA, *Esch.*

3740. *viridicornis*, Say. Lawrence.

3741. *viridifrons*, Gory. Lawrence.

CHRYSOBOTHRIIS, *Esch.*

3747. *femorata*, Lec. Eastern Kansas; very abundant, and is the parent beetle of the destructive "flat-headed borer."

3747c. *Lesueuri*, Gory. Western Kansas.

3764. *sexsignata*, Say. Lawrence.

3767. *azurea*, Lec. var. Lawrence.

ACMÆODERA, *Esch.*

3791. *pulchella*, Hb. Lawrence.

3791b. *mixta*, Lec. Eastern Kansas; common, and found on heads of *Lepachys*.

3795. *culta*, Web. Eastern Kansas; common.

PTOSIMA, *Sol.*

3799. *gibbicollis*, Say. Eastern Kansas; not common.

AGRILUS, *Sol.*

3808. *fulgens*, Lec. Lawrence.

3809. *otiosus*, Say. Lawrence.

3809b. *defectus*, Lec. Lawrence and Topeka.

3810. *difficilis*, Gory. Lawrence.

3811. *bilineatus*, Weber. Topeka.

3815. *fallax*, Say. Lawrence.

3816. *interruptus*, Lec. Lawrence.

3821. *acutipennis*, Mann. Topeka.

3825. *politus*, Say. Lawrence.

BRACHYS, Sol.

3839. *tesselata*, Fab. A single specimen taken by me at Topeka.

3841. *ærosa*, Mels. Topeka; three specimens.

3842. *æruginea*, Gory. Lawrence.

THROSCIDÆ.

DRAPETES, Redt.

3855. *geminatus*, Say. Topeka; one specimen.

3856. *quadripustulatus*, Bonv. Topeka.

ELATERIDÆ.

STETHON, Lec.

3865. *pectorosus*, Lec. Lawrence and Topeka.

DELTOMETOPUS, Bv.

3866. *amænicornis*, Say. Lawrence.

FORNAX, Lep.

3874. *badius*, Mels. Lawrence and Topeka.

ADELOCERA, Latr.

3914. *impressicollis*, Say. Lawrence.

3915. *discoidea*, Web. Eastern Kansas; frequent.

3920. *marmorata*, Fab. Lawrence.

LACON, Germ.

3925. *rectangularis*, Say. Throughout Kansas.

ALAU, Esch.

3932. *gorgops*, Lec. Lawrence.

3933. *oculatus*, L. Eastern and middle Kansas.

CARDIOPHORUS, Esch.

3938. *amictus*, Mels. Eastern Kansas.

CRYPTOHYPNUS, Esch.

3995. *pectoralis*, Say. Topeka; abundant.

ELATER, L.

4005. *luteus*, Say. Lawrence.

4024. *manipularis*, Cand. Lawrence.

DRASTERIUS, Esch.

4050. *dorsalis*, Say. Eastern Kansas; common.

MONOCREPIDIUS, Esch.

4080. *lividus*, Deg. Eastern Kansas.

4086. *eespertinus*, Fab. Eastern Kansas; abundant.

4090. *auritus*, Hb. Eastern Kansas; common at Topeka.

LUDIUS, Latr.

4104. *attenuatus*, Say. Eastern Kansas.

ORTHOSTETHUS, Lac.

4106. *infuscatus*, Germ. Lawrence.

CRIGMUS, Lec.

4107. *hepaticus*, Germ. Lawrence and Topeka.

AGRIOTES, Esch.

4113. *sordidus*, Lec. Topeka.

GLYPHONYX, Cand.

4125. *recticollis*, Say. Lawrence.

4126. *testaceus*, Mels. Topeka.

MELANOTUS, Esch.

4131. *macer*, Lec. Lawrence and Topeka.

4133. *incertus*, Lec. Lawrence.

4141. *angustatus*, Er. Topeka; occasional.

4145. *scrobicollis*, Lec. Topeka.

4149. *fissilis*, Say. Lawrence.

4150. *communis*, Gyll. Lawrence and Topeka.

4151. *exuberans*, Lec. Topeka.

4156. *infaustus*, Lec. Lawrence.

4157. *cribulosus*, Lec. Lawrence.

4160. *pertinax*, Say. Lawrence.

4161. *dubius*, Lec. Topeka.

4163. *americanus*, Hb. Topeka.

4167. *opacicollis*, Lec. Topeka.

4170. *morosus*, Cand. Lawrence.

— An undescribed species. Topeka.

LIMONIUS, Esch.

4177. *pubicollis*, Lec. Lawrence.

4186. *griseus*, Bv. Eastern Kansas; frequent.

4208. *ectypus*, Say. Topeka.

ATHOUS, Esch.

4226. *cucullatus*, Say. Topeka.

CORYMBITES, Latr.

4326. *inflatus*, Say. Topeka; infrequent.

SERICOSOMUS, Esch.

— *pauper*. Topeka.

ASAPHES, Kby.

4337. *memnonius*, Hb. Eastern Kansas.

4339. *æreus*, Mels. Lawrence.

MELANACTES, Lec.

4352. *piceus*, DeG. Topeka and Lawrence.

4354. *morio*, Fab. Topeka and Lawrence.

4355. *puncticollis*, Lec. Topeka and Lawrence.

RHIPICERIDÆ.

ZENO, Say.

4371. *picea*, Bv. Lawrence, Topeka and Tonganoxie. (Mr. Ashton.)

SANDALUS, Kn.

4372. *niger*, Kn. Lawrence.

4374. *petrophya*, Kn. Lawrence and Topeka.

DASCYLLIDÆ.

CYPHON, Fab.

4391. *punctatus*, Lec. Topeka.

4399. *ruficollis*, Say. Topeka.

PTILODACTYLA, Latr.

4417. *serricollis*, Say. Lawrence.

LAMPYRIDÆ.

LYCUS, Fabr.

4420. *lateralis*, Mels.

CALOPTERON, Guer.

4422. *typicum*, Newm. Lawrence.

4423. *reliculatum*, Fab. Topeka and Lawrence.

EROS, Newm.

4430. *coccinatus*, Say. Topeka; not common.

4437. *humeralis*, F. Topeka and Lawrence.

4438. *trilineatus*, Mels. Topeka and Lawrence.

4439. *modestus*, Say. Topeka.

LUCIDOTA, Lap.

4446. *atra*, Fab. Eastern Kansas.

PHOTINUS, Lap.

4457. *angulatus*, Say. Topeka; frequent.

4459. *angustatus*, Lec. Topeka; frequent.

4465. *pyralis*, Linn. Eastern Kansas; Rooks county.

4467. *scintillans*, Say. Topeka; frequent.

PHOTURIS, *Lec.*

4471. *pennsylvanica*, DeG. Eastern Kansas; Rooks county; common.

4473. *divisa*, *Lec.* Topeka; common.

PHENGODES, *Hoffm.*

4474. *plumosa*, *Oliv.* Eastern Kansas.

## TELEPHORIDÆ.

CHAULIOGNATHUS, *Hentz.*

4477. *americanus*, *Forst.* Eastern Kansas; very common.

4481. *basalis*, *Lec.* Western Kansas.

4484. *marginatus*, *Fab.* Eastern Kansas.

PODABRUS, *Westw.*

4488. *flavicollis*, *Lec.* Topeka.

4491. *modestus*, *Say.* Eastern Kansas.

4498. *tomentosus*, *Say.* Lawrence.

4491. *rugosulus*, *Lec.* Eastern Kansas.

TELEPHORUS, *Schæffer.*

4519. *excavatus*, *Lec.* Lawrence.

4520. *carolinus*, *Fab.* Eastern Kansas.

4524. *imbecillus*, *Lec.* Lawrence.

4526. *flavipes*, *Lec.* Topeka; common.

4547. *collaris*, *Lec.* Topeka and Lawrence.

4548. *bilineatus*, *Say.* Eastern Kansas.

4550. *divisa*, *Lec.* Lawrence.

4553. *laticornis*, *Say.* Lawrence.

TRYPHERUS, *Lec.*

4562. *latipennis*, *Germ.* Lawrence and Topeka; frequent.

## MALACHIIDÆ.

COLLOPS, *Er.*

4576. *tricolor*, *Say.* Lawrence.

4577. *punctatus*, *Lec.* Topeka; one specimen.

4582. *bipunctatus*, *Say.* Western Kansas.

4584. *quadrimaculatus*, *F.* Eastern Kansas; common.

ANTHOCOMUS, *Er.*

— An undetermined species. Lawrence.

ATTALUS, *Er.*

4630. *melanopterus*, *Er.* Topeka.

4636. *otiosus*, *Say.* Topeka.

4641. *scincetus*, *Say.* Topeka; common in early spring.

LISTRUS, *Motsch.*

— One undetermined species. Topeka.

## CLERIDÆ.

CYMATODERA, *Gray.*

4703. *inornata*, *Say.* Eastern Kansas.

4705. *undulata*, *Say.* Eastern and western Kansas.

THANASIMUS, *Latr.*

4725. *nigripes*, *Say.* Eastern Kansas.

4727. *rosmarus*, *Say.* Eastern Kansas.

4728. *lunatus*, *Spin.* Lawrence.

4731. *abruptus*, *Lec.* "Smoky Hill River" (Cooper).

4740. *thoracicus*, *Ol.* Lawrence.

HYDROCERA, *Newm.*

4750. *unifasciata*, *Say.* Rooks county.

4754. *humeralis*, *Say.* Eastern Kansas; frequent.

4754b. *difficilis*, *Lec.* Lawrence.

4759. *pallipennis*, *Say.* Topeka and Lawrence.

CHARIESSA, *Perty.*

4775. *pilosa*, *Forst.* Topeka and Lawrence.

4775a. *onusta*, *Say.* Topeka.

CREGYA, *Lec.*

4776. *vetusta*, *Spin.* Lawrence and Topeka.

ORTHOPLEURA, *Spin.*

4781. *damicornis*, *Fab.* Lawrence.

CORYNETES, *Hb.*

4791. *violaceus*, *L.* Eastern Kansas.

## CUPESIDÆ.

CUPES, *Fab.*

4798. *concolor*, *Westw.* Lawrence.

## PTINIDÆ.

PTINUS, *L.*

4804. *fur*, *L.* Eastern Kansas; infests museums; destroys entomological and botanical specimens.

4807. *quadrimaculatus*, *Mels.* Lawrence.

4808. *bimaculatus*, *Mels.* (?) Topeka.

TRICHODESMA, *Lec.*

4827. *gibbosa*, *Say.* Tonganoxie and Wakarusa; rare.

HADROBREGMUS, *Thoms.*

4830. *carinatus*, *Say.* Topeka.

XYLETINUS, *Latr.*

4844. *pellatus*, *Harr.* Lawrence.

PROTHECA, *Lec.*

4859. *puberula*, *Lec.* Topeka; three specimens.

PTILINUS, *Geoff.*

4866. *ruficornis*, *Say.* Topeka.

ENDECATOMUS, *Mell.*

4870. *rugosus*, *Rand.* Lawrence.

SINOXYLON, *Duf.*

4875. *basilare*, *Say.* Topeka; rare.

BOSTRYCHUS, *Geoff.*

4877. *bicornis*, *Web.* Eastern Kansas; infrequent.

AMPHICERUS, *Lec.*

4880. *bicaudatus*, *Say.* Eastern Kansas; abundant and troublesome in vineyards, boring in the twigs.

DINODERUS, *Steph.*

4883. *punctatus*, *Say.* Eastern Kansas.

## SPONDYLIDÆ.

PARANDRA, *Latr.*

4898. *brunnea*, *Fab.* Eastern Kansas.

## CERAMBYCIDÆ.

ORTHOSOMA, *Serv.*

4915. *brunneum*, *Forst.* Eastern Kansas.

PRIONUS, *Geoff.*

4916. *laticollis*, *Dru.* Lawrence.

4919. *imbricornis*, *L.* Eastern Kansas.

HOMÆSTHESIS, *Lec.*

4922. *integer*, *Lec.* (Snow.)

SMODICUM, *Lec.*

4941. *cucujiforme*, *Say.* Eastern Kansas.

DULARIUS, *Thoms.*

4943. *brevilineus*, *Say.* Lawrence.

HYLOTRUPES, *Serv.*

4947. *ligneus*, Fab. Imported in cedar posts. (Cooper.)

PHYMATODES, *Muls.*

4952. *varius*, Fab. Lawrence.

4954. *amoenus*, Say. Lawrence and Topeka.

CHION, *Newm.*

4987. *cinctus*, Dru. Eastern Kansas.

EBURIA, *Serv.*

4991. *quadriginata*, Say. Eastern Kansas.

ELAPHIDION, *Serv.*

4999. *simplicicollis*, Hald. Eastern Kansas.

5000. *atomarium*, Dru. Eastern Kansas.

5005. *mucronatum*, F. Eastern Kansas.

5006. *incertum*, Newm. Lawrence and Topeka.

5010. *villosum*, Fab. Eastern Kansas.

5011. *parallelum*, Newm. Lawrence and Topeka.

5017. *cinerascens*, Lec. Lawrence.

HETERACHTHES, *Newm.*

5030. *quadrimaculatus*, Newm. Lawrence.

5031. *ebenus*, Newm. Lawrence and Topeka.

CALLIMOXYIS, *Kr.*

5044. *sanguinicollis*, Oliv. Topeka.

MOLORCHUS, *F.*

5047. *bimaculatus*, Say. Topeka.

RHOPALOPHORA, *Serv.*

5051. *longipes*, Say. Eastern Kansas.

TRAGIDION, *Serv.*

5067. *annulatum*, Lec. "Topeka." (Cooper.)

5068. *coquus*, Fab. Eastern Kansas; rare.

5068a. *fulvipennis*, Say. Eastern Kansas; more common than *coquus*; taken gouging ripe fruit, watermelons, peaches, etc.

PURPURICENUS, *Serv.*

5070. *humeralis*, Say. Eastern Kansas; frequent.

BATYLE, *Thoms.*

5077. *ignicollis*, Say. Eastern, middle and western Kansas; not common.

5079. *suturalis*, Say. Throughout the State.

5081. *Pearsalli*, Bland. Middle and western Kansas.

TYLOSIS, *Lec.*

5085. *maculata*, Lec. Lawrence.

STENOSPHEUS, *Hald.*

5098. *notatus*, Oliv. Lawrence.

CYLLENE, *Newm.*

5102. *pictus*, Dru. Eastern Kansas.

5103. *robiniae*, Forst. Eastern Kansas.

5106. *charus*, Say. Eastern Kansas; common on golden-rod (*Solidago rigida*), and varies much in its markings.

GLYCOBIUS, *Lec.*

5110. *speciosus*, Say. Topeka and Lawrence; but two specimens taken.

CALLOIDES, *Lec.*

5111. *nobilis*, Say. Lawrence and Topeka. "Lives in oak wood." (Cooper.)

ARHOPALUS, *Serv.*

5113. *fulminans*, Fab. Eastern and middle Kansas.

XYLOTRECHUS, *Chev.*

5116. *colonus*, Fab. Eastern and middle Kansas; frequent.

NEOCLYTUS, *Thoms.*

5131. *luscus*, F. Lawrence.

5133. *copræa*, Say. Topeka and Lawrence.

5135. *erythrocephalus*, Fab. Eastern Kansas.

EUDERCES, *Lec.*

5147. *picipes*, Fab. Eastern Kansas; common on flowers of *Cornus paniculata*.

DISTENIA, *Serv.*

5155. *undata*, Oliv. Eastern Kansas.

DESMOCERUS, *Serv.*

5156. *pollatus*, Forst. Eastern Kansas.

TOXOTUS, *Serv.*

5177. *cinnamopterus*, Rand. Eastern Kansas, on dogwood blossoms.

STRANGALIA, *Serv.*

5215. *luteicornis*, F. Lawrence and Topeka.

TYPOCERUS, *Lec.*

5221. *velutinus*, Oliv. Lawrence.

5224. *sinuatus*, Newm. Rare at Topeka, but very abundant in middle and western Kansas, and varies much in coloration.

LEPTURA, *Serv.*

5225. *emarginata*, F. A single specimen, taken at Topeka, by me.

5226. *gigas*, Lec. "Smoky Hill river." (Cooper.)

5257a. *convexa*, Lec. Western Kansas.

5280. *proxima*, Say. "Smoky Hill river." (Cooper.) "Western Kansas." (Snow.)

MONILEMA, *Say.*

5306. *annulatum*, Say. Western Kansas; common; lives on *Opuntia* or prickly pear. A larva, probably of this species, was taken at Granada, Col., from the stem of an *Opuntia*.

PSENO CERUS, *Lec.*

5318. *supernotatus*, Say. Lawrence and Topeka.

MONOHAMMUS, *Serv.*

5323. *scutellatus*, Say. "Near Tecumseh, Shawnee county." (Cooper.)

DORCASHEMA, *Lec.*

5328. *Wildii*, Uhler. Eastern Kansas; rare.

5329. *alternatum*, Say. Eastern Kansas.

5330. *nigrum*, Say. Eastern Kansas; rare.

HETEMIS, *Hald.*

5331. *cinerea*, Oliv. Lawrence and Topeka.

PLECTRODERA, *Lec.*

5339. *scalator*, F. Eastern and middle Kansas; rare. Lives in willow. (Brous.)

ACANTHODERES, *Serv.*

5342. *decipiens*, Hald. Lawrence.

LEPTOSTYLUS, *Lec.*

5347. *aculifer*, Say. Eastern Kansas.

5355. *macula*, Say. Eastern Kansas.

STERNIDIUS, *Lec.*

5356. *variegatus*, Hald. Lawrence.

5357. *alpha*, Say. Eastern Kansas.

5358. *cinereus*, Lec. Lawrence.

LIOPUS, *Serv.*

5363. *signatus*, Lec. Lawrence.

5365. *querci*, Fitch. Lawrence.

LEPTURGES, *Bates.*

5368. *angulatus*, Lec. Eastern Kansas.

## GRAPHISURUS, Kby.

5374. *fasciatus*, DeG. Eastern Kansas.

## DECTES, Lec.

5381. *spinosus*, Say. Eastern Kansas.

## ECYRUS, Lec.

5392. *exiguus*, Lec. Lawrence.

## ONCIDERES, Serv.

5403. *cingulatus*, Say. Lawrence.

## ATAXIA, Hald.

5404. *crypta*, Say. Lawrence.

## HIPPOPSIS, Serv.

5405. *lemniscata*, Fab. Eastern Kansas.

## SAPERDA, Fab.

5409. *obliqua*, Say. "Topeka." (Cooper.)5410. *calcarata*, Say. Topeka and Lawrence.5412. *candida*, Fab. Eastern Kansas.5415. *vestita*, Say. "Topeka." (Cooper.)5416. *discoidea*, Fab. Eastern Kansas.5417. *tridentata*, Oliv. Eastern Kansas.5418. *lateralis*, Fab. Eastern Kansas.

## MECAS, Lec.

5424. *inornata*, Say. Middle and western Kansas.5425. *pergrata*, Say. "Topeka." (Cooper.)5426. *gentilis*, Lec. Lawrence.

## OBEREA, Muls.

5431. *amabilis*, Hald. Topeka and Lawrence.5433. *tripunctata*, F. Lawrence.5436. *oculaticollis*, Say. Western Kansas.

## TETROPS, Steph.

5440. *canescens*, Lec. "Western Kansas." (Cooper.)

## TETRAOPES, Serv.

5445. *tetraophthalmus*, Forst. Eastern Kansas; very common.5447. *quinquemaculatus*, Hald. Topeka; frequent.5448. *femorialis*, Lec. Western Kansas. (Cooper.)

## AMPHIONYCHA, Thoms.

5453. *flammata*, Newm. Lawrence.5454. *ardens*, Lec. Topeka and Lawrence; also, in middle Kansas. Found on the stems of *Vernonia*.

## SPERMOPHAGIDÆ.

## SPERMOPHAGUS, Sch.

5459. *Robinia*, Sch. Tonganoxie, Topeka and Lawrence; rare.

## BRUCHUS, L.

5463. *pisi*, L. Eastern Kansas.5464. *mimus*, Say. Lawrence and Topeka.5472. *discoideus*, Say. Topeka.5476. *bivulneratus*, Horn. Topeka; one specimen.5477. *cruentatus*, Horn. Topeka; common.5491. *bisignatus*, Horn. Topeka.5497. *amicus*, Horn. Topeka.5498. *obsoletus*, Say. Lawrence and Topeka.5499. *hibisci*, Oliv. Topeka.5506. *seminulum*, Horn. Topeka; frequent.

## CHRYSOMELIDÆ.

## DONACIA, F.

5521. *subtilis*, Kunze. Lawrence.

## MACROLEA, Sam.

5533. *Melshheimeri*, Lac. Lawrence.

## ZEUGOPHORA, Kunze.

5537. *scutellaris*, Suffr. Topeka; one specimen.

## LEMA, Fabr.

5550. *collaris*, Say. Topeka; common on *Tradescantia virginica* in spring.5554. *trilineata*, Oliv. Eastern Kansas; common on *Physalis*; more rarely found on Irish potatoes.

## ANOMEA, Lac.

5559. *laticlavata*, Forst. Eastern Kansas; common. Found on *Vernonia*.

## BABIA, Chev.

5561. *quadriguttata*, Oliv. Eastern and middle Kansas; found on *Rhus glabra*.

## SAXINIS, Lac.

5563. *omogera*, Lac. Topeka; one specimen.5564. *Saucia*, Lec. Western Kansas.

## COSCILOPTERA, Lac.

5569. *axillaris*, Cr. Rooks county; two specimens.5571. *dominicana*, Fab. Eastern and middle Kansas; abundant on *Rhus glabra*.

## CHLAMYS, Kn.

5575b. *polycocca*, Lac. Eastern Kansas; frequent.

## MONACHUS, Chev.

5579. *saponatus*, Fab. Topeka and Lawrence.

## CRYPTOCEPHALUS, Geoff.

5583. *congestus*, Fab. Lawrence.5590. *flaccidus*, Suffr. Lawrence.5596. *ornatus*, Fab. Eastern Kansas.5603. *dispersus*, Hald. Eastern and middle Kansas.5606. *leucomelas*, Suffr. Eastern Kansas.5608. *mucoreus*, Lec. Eastern and middle Kansas; abundant on *Rhus glabra*.5612. *quadruplex*, Newm. Eastern and middle Kansas; abundant on *Rhus glabra*.

## GRIBURIUS, Hald.

5624. *scutellaris*, Fab. Eastern Kansas.

## PACHYBRACHYS, Chev.

5631. *viduatus*, Fab. Eastern Kansas.5633. *carbonarius*, Hald. Topeka.5641. *luridus*, F. Lawrence.5642. *atomarius*, Mels. Topeka; common.5644. *infaustus*, Hald. Topeka.5648. *tridens*, Mels. Lawrence.5650. *sobrinus*, Hald. Topeka and Lawrence.5653. *livens*, Lec. Lawrence.5660. *abdominalis*, Say. Topeka.5661. *litigiosus*, Suffr. Wallace. (Snow.)5663. *othonus*, Say. Topeka and Lawrence.— *n. sp.* Topeka; frequent.

— Two undetermined species; Topeka.

## FIDIA, Baly.

5667. *longipes*, Mels. Eastern Kansas; upon grape leaves.

## XANTHONIA, Baly.

5668. *decimnotata*, Say. Lawrence.5669. *villosula*, Mels. Topeka; common; brushed from oak leaves.

## HETERASPIS, Chev.

5671. *pubescens*, Mels. Topeka and Lawrence.5672. *marcassita*, Germ. Lawrence.

5673. *nebulosus*, Lec. Topeka; on *Gaura* and *Oenothera*.

5675. *curtipennis*, Mels. Topeka; frequent.

GLYPTOSCELIS, Lec.

5681. *crypticus*, Say. Lawrence.

MYOCHROUS, Chev.

5685. *denticollis*, Say. Eastern Kansas; common.

5687. *squamosus*, Lec. Western Kansas.

CHRYSOCHUS, Chev.

5688. *auratus*, Fab. Eastern Kansas; very common on *Apocynum*.

PARIA, Lec.

5694. *sexnotata*, Say. Eastern Kansas.

5694b. *quadrinotata*, Say. Eastern Kansas.

5695. *aterrima*, Oliv. Topeka and Lawrence; extremely abundant.

5698. *viridicyanea*, Cr. Eastern Kansas; common on *Ipomea pandurata*, and is also found on sweet potato vines.

METAPARIA, Cr.

5699. *clithroides*, Cr. Mitchell county; very abundant on heads of *Petalostemon*.

METACHROMA, Chev.

5704. *interrupta*, Say. Stockton, Rooks county. A variety of this species, having unspotted elytra, is found in the same locality.

5710. *pallida*, Say. Eastern Kansas.

COLASPIS, Fab.

5714. *favosa*, Say. Eastern and middle Kansas; common at Clay Center, on *Psoralea argophylla*.

5715. *brunnea*, F. Eastern Kansas.

5715a. *flavida*, Say. Eastern Kansas.

5716. *praetexta*, Say. Lawrence and Topeka.

5719. *tristis*, Oliv. Eastern and middle Kansas.

5719a. *convexa*, Say. Topeka; common.

5719b. *puncticollis*, Say. Lawrence.

CHRYSOMELA, L.

5722. *clivicollis*, Kby., var. The spots are divided into numerous smaller ones, in all Kansas specimens that I have seen. Rare.

5724. *decimlineata*, Say. Abundant throughout the State, preferring the leaves of *Solanum rostratum* to those of any other plant.

5729. *exclamationis*, F. Throughout Kansas; abundant in the middle and western sections, but more rare in the eastern part. Found by me on *Helianthus lenticularis* and *H. petiolaris* only.

5730. *conjuncta*, Rog., var. *pallida*, Say. Western Kansas.

5732. *suturalis*, Fab. Eastern Kansas.

5734. *similis*, Rog. Eastern Kansas; common.

5736. *praecelsis*, Rog. Lawrence.

5739. *multiguttis*, Stal. Eastern Kansas; common on leaves of *Corylus*.

5740a. *Spirea*, Say. Topeka; on wild plum.

5741. *multipunctata*, Say. Eastern Kansas.

GASTROPHYSA, Chev.

5753. *polygona*, L. Topeka and Lawrence.

5754. *dissimilis*, Say. Lawrence.

5755. *cyanea*, Mels. Eastern Kansas; on *Rumex brittanica*. Often very abundant.

PRASOCURIS, Latr.

5760. *obliquata*, Cr. Western Kansas.

PLAGIODERA, Chev.

5766. *lapponica*, L. Topeka and Lawrence; not common.

5768. *scripta*, F. Eastern Kansas; on leaves of cottonwood and willow trees. Frequent.

5773. *viridis*, Mels. Topeka; two specimens.

CEROTOMA, Chev.

5775. *caminea*, F. Eastern Kansas; eats holes in the leaves of bush beans. Sometimes occurring in such numbers as to destroy the plants.

PHYLLOBROTICA, Redt.

5776. *decorata*, Say. Topeka and Lawrence; rare.

5777. *discoidea*, Say. Topeka and Lawrence; rare.

PHYLLECHTHRUS, Lec.

5780a. *atriventris*, Say. Eastern Kansas.

LUPERUS, Geoff.

5788. *varicornis*, Lec. Topeka; on composite flowers.

MONOCESTA, Clk.

5799. *coryli*, Say. Leavenworth, Lawrence.

DIABROTICA, Chev.

5800. *tricincta*, Say. Extreme western Kansas, on *Cucurbita perennis*; common.

5802. *duodecimpunctata*, Oliv. Eastern and middle Kansas; abundant.

5806. *vittata*, F. Eastern Kansas; abundant.

5809. *longicornis*, Say. Eastern Kansas; common.

5811. *atrivenis*, Say. Eastern Kansas.

GALERUCA, Geoff.

5815. *americana*, F. Topeka; rare, under stones in spring.

5815a. *cribrata*, Lec. Topeka; found with the last and also swept from herbage; frequent.

MONOXIA, Lec.

5831. *guttulata*, Lec. Western Kansas. (Cooper.)

TRIRHABDA, Lec.

5834b. *canadensis*, Kby. Lawrence and Topeka.

5837. *convergens*, Lec. (?) Topeka; found abundantly, both beetles and larvæ, on *Xanthoxylum*, at times defoliating the shrubs in a locality.

PACHYONYCHUS, Chev.

5840. *paradoxus*, Mels. Topeka; one specimen.

EDIONYCHIS, Latr.

5847. *gibbilaris*, Say. Eastern Kansas.

5849. *octomaculata*, Cr. Lawrence.

5851. *vians*, Ill. Topeka; rare.

5854. *thoracica*, F. Eastern Kansas.

5859. *thyamoides*, Cr. Topeka; frequent on *Teucrium*.

DISONYCHA, Chev.

5864. *limbicollis*, Lec. Eastern Kansas.

5865. *alternata*, Ill. Eastern and middle Kansas.

5866. *punctigera*, Lec. Eastern Kansas; found in abundance on purslane.

5867. *pennsylvanica*, Ill. Eastern Kansas; Rooks county. In the latter locality on *Salix*.

5870. *abbreviata*, Mels. Eastern Kansas.

5873. *triangularis*, Say. Topeka and middle Kansas.

5874. *collaris*, F. Eastern Kansas; common on *Chenopodium album*.

## GRAPTODERA, Chev.

5876. *chalybea*, Ill. Lawrence; rare.  
 5886. *foliacea*, Lec. Eastern Kansas; on *Gaura*;  
 also found in Pueblo, Col.

## LONGITARSUS, Latr.

5891. *melanurus*, Mels. Topeka; common on *Onosmodium*.  
 — *n. sp.* Topeka; on *Onosmodium*.

## BATOPHILA, Foud.

5899. *spuria*, Lec. Lawrence.

## ORCHESTRIS, Kby.

5904. *vittata*, Fab. Eastern Kansas; very abundant and destructive to garden *Cruciferae*; found also on wild plants of the same order, especially *Lepidium*.

## APHTHONA, Chev.

5911. *picta*, Say. Topeka.  
 5912. *texana*, Cr. Topeka; on *Euphorbia marginata*.

## SYSTEMA, Chev.

5914. *hudsonias*, Forst. Topeka.  
 5921. *blanda*, Mels. Eastern Kansas; on *Xanthium*.

## ORTHALTICA, Cr.

5922. *copalina*, F. Eastern Kansas; abundant on *Rhus glabra*.

## CREPIDODERA, Chev.

5928. *Helxines*, L. Eastern Kansas.

## EPITRIX, Foud.

5933. *cucumeris*, Harr. Eastern Kansas; abounds on Irish potato vines, as well as on *Cucurbitaceae*.

## CHÆTOCNEMA, Steph.

5942. *denticulata*, Ill. Eastern Kansas. An undescribed species, near *denticulata*, occurs at Topeka.

## BLEPHARIDÆ, Chev.

5953. *rhois*, Forst. Eastern and middle Kansas; abundant.

## STENISPA, Baly.

5955. *collaris*, Baly. Topeka; one specimen.

## ODONTOTA, Chev.

5957. *scapularis*, Oliv. Topeka; two specimens, found on *Corylus*.

5961. *rubra*, Web. Eastern Kansas.

5962. *rosea*, Web. Topeka.

## CHARISTENA, Baly.

5963. *nigrita*, Oliv. Topeka.

- One undetermined species; Topeka.

## MICRORHOPALA, Chev.

- 5966a. *latula*, Lec. Eastern Kansas; Rooks Co. Common at Topeka, and found on *Solidago rigida*.  
 5969. *cyanea*, Say. Rooks county, Smoky Hill and Arkansas valleys.

## CHELYMORPHA, Chev.

5976. *cassidea*, Fab. Eastern Kansas.

## PHYSONOTA, Boh.

5979. *unipunctata*, Say. Eastern Kansas; on *Vernonia*.

## CASSIDA, Linn.

5980. *nigripes*, Oliv. Eastern Kansas.

5981. *bivittata*, Say. Eastern Kansas; infrequent.

## COPTOCYCLA, Chev.

5986. *aurichalcea*, Fab. Eastern Kansas.

5987. *guttata*, Oliv. Eastern Kansas.

5990. *clavata*, Fab. Eastern Kansas; found on leaves of Irish potato.

## TENEBRIONIDÆ.

## EDROTES, Lec.

5993. *rotundus*, Say. "Found very early in spring, on warm days, in the sand-hills south of Dodge City and Cimarron Station." (Cooper.)

## TRIMYTIS, Lec.

6002. *pruinosa*, Lec. Extreme western Kansas, under "buffalo chips."

## EPITARGUS, Latr.

6010. *canaliculatus*, Say. Western Kansas.

## ASIDA, Latr.

6068. *opaca*, Say. Western Kansas.

6070. *polita*, Say. Western Kansas.

6071. *sordida*, Lec. Western Kansas.

6092. *convexa*, Lec. Western Kansas.

6097. *elata*, Lec. Western Kansas.

## OLOGLYPTUS, Lec.

6098. *anastomosis*, Say. Western Kansas.

## EUSATTUS, Lec.

6105. *reticulatus*, Say. "Arkansas and Smoky Hill rivers, western part of Kansas." (Cooper.)

## ELEODES, Esch.

6127. *obscura*, Say. Western Kansas.

6128. *acuta*, Say. Western Kansas.

6129. *suturalis*, Say. Throughout Kansas.

- 6129a. *texana*, Lec. "Western Kansas." (Cooper.)

6131. *tricostata*, Say. Throughout the State.

6133. *obsoleta*, Say. Western Kansas.

6137. *extricata*, Say. Western Kansas.

6141. *longicollis*, Lec. Western Kansas.

6150. *hispilabris*, Say. Western Kansas.

6167. *opaca*, Say. From Louisville westward; western Kansas generally.

## EMBAPHION, Say.

6174. *muricatum*, Say. Western Kansas; in Arkansas and Smoky Hill valleys.

6175. *contusum*, Lec. Smoky Hill valley.

## NYCTOBATES, Guer.

6199. *pennsylvanica*, DeG. Eastern Kansas; abundant.

## MERINUS, Lec.

6207. *lævis*, Oliv. Lawrence and Topeka; not common.

## HAPLANDRUS, Lec.

6209. *femoratus*, Fab. Lawrence.

## CENTRONOPUS, Sol.

6217. *calcaratus*, Fab. Topeka.

## XYLOPINUS, Lec.

6219. *saperdioides*, Oliv. Eastern Kansas.

## TENEBRIONELLUS, Cr.

6222. *obscurus*, Fab. Eastern Kansas; frequent.

6223. *molitor*, L. Eastern Kansas; frequent.

6224. *castaneus*, Kn. Lawrence.

6225. *tenebrioides*, Bv. Eastern Kansas; abundant.

## BLAPSTINUS, Latr.

6244. *pratensis*, Lec. Lawrence and Topeka.

6250. *interruptus*, Say. Lawrence.

## TRIBOLIUM, McL.

6265. *ferrugineum*, Fab. Lawrence and Topeka; at the latter locality, found destroying the ento.

mological specimens in the cabinets of the Academy of Science.

DIÆDUS, *Lec.*

6267. *punctatus*, *Lec.* Lawrence and Topeka.

THARSUS, *Lec.*

6281. *sediciosus*, *Lec.* Specimens collected at Tonganoxie, by Mr. T. B. Ashton.

PHALERIA, *Latr.*

6283. *imberbis*, *Lec.* Eastern Kansas; common.

ANÆDUS, *Bl.*

6289. *brunneus*, *Zieg.* Topeka; one specimen.

PARATENETUS, *Spin.*

6292. *fuscus*, *Lec.* Topeka; frequent in spring under stones.

DIAPERIS, *Geoff.*

6308. *hydni*, *Fab.* Eastern Kansas.

HOPLOCEPHALA, *Lap.*

6310. *viridipennis*, *F.* Eastern Kansas; not common.

6311. *bicornis*, *Oliv.* Eastern Kansas; common.

PLATYDEMA, *Lap.*

6312. *excavatum*, *Say.* Eastern Kansas.

6316. *ruficorne*, *Sturm.* Eastern Kansas.

6317. *flavipes*, *Fab.* Lawrence.

6319. *ellipticum*, *Fab.* Eastern Kansas; rare.

6325. *subcostatum*, *Lap.* Eastern Kansas.

PHYLETHUS, *Meg.*

6326. *bifasciatus*, *Say.* Lawrence.

BOLITOTHERUS, *Cand.*

6334. *bifurcus*, *Fab.* Eastern Kansas; common.

RHIPIDANDRUS, *Lec.*

6338. *paradoxus*, *Bv.* Topeka.

STRONGYLUM, *Kby.*

6366. *tenuicolle*, *Kby.* Lawrence.

ALLECULLIDÆ.

ALLECULA, *Fab.*

6372. *punctulata*, *Mels.* Topeka and Lawrence.

HYMENORUS, *Muls.*

6374. *pilosus*, *Mels.* Topeka.

6375. *obscurus*, *Say.* Lawrence.

6377. *niger*, *Mels.* Topeka.

6378. *communis*, *Lec.* Lawrence.

6382. *punctatissimus*, *Lec.* Topeka.

LAGRIIDÆ.

STATIRA, *Latr.*

6411. *gagatina*, *Mels.* Topeka; frequent.

PYROCHROIDÆ.

PYROCHROA, *Geoff.*

6419. *flabellata*, *F.* Eastern Kansas.

ANTHICIDÆ.

EURYGENIUS, *Laf.*

6427. *Wildii*, *Lec.* Lawrence and Topeka.

6428. *murinus*, *Hald.* Lawrence and Topeka.

STEREOPALPUS, *Laf.*

6430. *Mellyi*, *Laf.* Topeka and Lawrence.

6431. *badiipennis*, *Lec.* Lawrence.

CORPHYRA, *Say.*

6441. *pulchra*, *Lec.* Topeka.

MACRATRIA, *Newm.*

6449. *murina*, *Fab.* Topeka; rare.

NOTOXUS, *Geoff.*

6455. *monodon*, *Fab.* Eastern Kansas; common.

6464. *planicornis*, *Laf.* Lawrence.

TOMODERUS, *Laf.*

6466. *interruptus*, *Laf.* Topeka.

6467. *constrictus*, *Say.* Topeka.

ANTHICUS, *Leach.*

6474. *formicarius*, *Laf.* Topeka; common.

6475. *cinctus*, *Say.* Topeka and Lawrence.

6493. *cervinus*, *Laf.* Eastern Kansas; very abundant in winter under rubbish.

MELANDRYIDÆ.

SCRAPTIA, *Latr.*

6530. *sericea*, *Mels.* Lawrence.

CANIFA, *Lec.*

6532. *plagiata*, *Mels.* Topeka; common.

PENTHE, *Newm.*

6539. *obliquata*, *Fab.* Eastern Kansas.

6540. *pimelia*, *Fab.* Eastern Kansas.

OSPHYA, *Ill.*

6542. *varians*, *Lec.* Topeka and Lawrence.

HYPULUS, *Payk.*

6557. *litturata*, *Lec.* Topeka and Lawrence.

HALLOMENUS, *Panz.*

6562. *scapularis*, *Mels.* Topeka; rare.

EUSTROPHUS, *Ill.*

6567. *confinis*, *Lec.* Lawrence.

6568. *bicolor*, *Say.* Eastern Kansas.

6569. *bifasciatus*, *Say.* Eastern Kansas.

6570. *tomentosus*, *Say.* Topeka and Lawrence.

MORDELLIDÆ.

PENTARIA, *Muls.*

6575. *trifasciata*, *Mels.* Eastern Kansas.

MORDELLA, *Linn.*

6593. *melæna*, *Germ.* Topeka and Lawrence.

6594. *scutellaris*, *Fab.* Lawrence; Rooks county.

6597. *octopunctata*, *Fab.* Topeka; rare.

6598. *marginata*, *Mels.* Topeka.

6599. *lineata*, *Mels.* Topeka; common.

6602. *oculata*, *Say.* Lawrence.

GLIPODES, *Lec.*

6607. *sericans*, *Mels.* Lawrence.

MORDELLISTENA, *Costa.*

6611. *lutea*, *Mels.* Topeka.

6619. *ornata*, *Mels.* Topeka.

6621. *scapularis*, *Say.* Topeka.

6647. *ambusta*, *Lec.* Topeka.

6650. *divisa*, *Lec.* Topeka and Lawrence; common.

— Several undetermined species.

MACROSIAGON, *Hentz.*

6667. *dimidiata*, *Fab.* Lawrence.

6668. *flavipennis*, *Lec.* Topeka.

EMMENADIA, *Laf.*

6672. *pectinata*, *F.* Topeka and Lawrence.

6673. *Sayi*, *Lec.* Topeka and Lawrence.

6677. *limbata*, *F.* Lawrence.

## MELOIDÆ.

MELOE, *L.*6693. *impressus*, Kby. Lawrence.6699. *angusticollis*, Say. Eastern Kansas.HENOUS, *Hald.*6703. *confertus*, Say. Eastern and middle Kansas.TRICRANIA, *Lec.*6711. *Stansburii*, Hald. Western Kansas. (Snow.)MACROBASIS, *Lec.*6713. *albida*, Say. Western Kansas.6719. *unicolor*, Kby. Eastern Kansas, on *Astragalus caryocarpus*.6721. *immaculata*, Say. Western Kansas.6722. *segmentata*, Say. Western Kansas.EPICAUTA, *Redt.*6729. *convolvuli*, Mels. Topeka; one specimen.6731. *ferruginea*, Say. Western Kansas; Rooks county and Ellinwood. Found on composite flowers.6732. *sericans*, Lec. Eastern Kansas.6734. *callosa*, Lec. Rooks county.6738. *maculata*, Say. Middle and western Kansas.6739. *vittata*, F. Eastern Kansas.6744. *cinera*, Frost. Eastern Kansas.6746. *corvina*, Lec. Western Kansas; very destructive in gardens, with Nos. 6713, 6721, 6722, 6738, devouring the leaves of potatoes, turnips, beets, etc. Pea vines are left untouched by them, so far as observed.6747. *pennsylvanica*, Deg. Eastern Kansas; very abundant in fall upon the flowers of Golden Rod (*Solidago rigida*).PYROTA, *Lec.*6750. *mylabrina*, Chev. "Arkansas and Smoky Hill valleys." (Cooper.)6751. *Engelmanni*, Lec. Western Kansas.CANTHARIS, *L.*6791. *sphaericollis*, Say. Rooks county, on *Symphoricarpos occidentalis*.ZONITIS, *Fab.*6803. *atripennis*, Say. Western Kansas.6805. *bilineata*, Say. Eastern and middle Kansas, on *Helianthus*.NEMOGNATHA, *Ill.*6810. *apicalis*, Lec. Western Kansas.6816. *piezata*, Fab. Two specimens received from T. B. Ashton, Tonganoxie.6821. *nigripennis*, Lec. Western Kansas. (Snow.)6825. *immaculata*, Say. Eastern and western Kansas.6826. *vittigera*, Lec. Eastern Kansas; Rooks Co.GNATHIUM, *Kby.*6830. *minimum*, Say. Found by the writer on the Saline river, in Russell county, in abundance. Also at Pueblo, Col.; in both localities on heads of *Helianthus*.

## CEDEMERIDÆ.

OXACIS, *Lec.*6848. *cana*, Lec. Eastern and middle Kansas.ASCLERA, *Schmidt.*6861. *ruficollis*, Say. Topeka.6862. *puncticollis*, Say. Eastern Kansas.

## RHYNCHITIDÆ.

EUGNAMPTUS, *Sch.**collaris*, Fab. Topeka; one specimen.RHYNCHITES, *Hb.**bicolor*, Fab. Eastern Kansas; common on wild roses.*æneus*, Boh. Eastern Kansas.

## ATTELABIDÆ.

ATTELABUS, *L.**analisis*, Ill. Eastern Kansas; found on *Rhus glabra*, and rolls the leaflet, beginning at the point. The eggs, as I believe, are laid in punctures in the midrib.

## BYRSOPIDÆ.

THECESTERNUS, *Say.**humeralis*, Say. Throughout the State in its varieties, and apparently not rare.

## OTIORHYNCHIDÆ.

MINYOMERUS, *Horn.**innocuus*, Horn. Topeka.GRAPHORINUS, *Sch.**vadosus*, Say. Eastern Kansas.EPICÆRUS, *Sch.**imbricatus*, Say. Rather common in eastern and middle Kansas.OPHRYASTES, *Sch.**vittatus*, Say. Western Kansas.*tuberosus*, Say. Western Kansas.*latirostris*, Lec. Western Kansas.*sulcistrostris*, Say. Western Kansas.ANAMETIS, *Horn.**grisea*, Horn. Lawrence, Topeka, and West.PHYXELIS, *Sch.**rigidus*, Say. Topeka.OTIORHYNCHUS, *Germ.*

Species undetermined. Lawrence.

DIROTOGNATHUS, *Horn.*

An undescribed species. Topeka.

TANYMECUS, *Sch.**confertus*, Gyll. Eastern Kansas; common.ARAMIGUS, *Horn.**tesselatus*, Say. Eastern and middle Kansas.PHACEPHOLIS, *Horn.**elegans*, Horn. Topeka and Lawrence.*candida*, Horn. Western Kansas; also at Topeka.APHRASTUS, *Sch.**tæniatus*, Say. Topeka.CYPHOMIMUS, *Horn.**dorsalis*, Horn. Topeka; beaten from budding oaks.

## CURCULIONIDÆ.

SITONES, *Sch.**lineellus*, Gyll. Topeka; two specimens.*flavescens*, Allard. Lawrence.PHYTONOMUS, *Sch.**comptus*, Say. Topeka; one specimen.*eximius*, Lec. Topeka; not common. Found on leaves of *Rumex brittanica*. The pupal stage is passed in a cocoon spun by the larva, on the leaf-surface, usually next to a rib. The cocoon is formed

of yellow-brown threads, loosely interwoven, so that the fabric resembles network. It is broad oval in outline. The pupa within is very nervous, and twists around rapidly when the leaf is touched. Of the larval habits I have observed nothing.

LISTRONOTUS, *Jekel*.

*nebulosus*, Lec. Lawrence.

*latiusculus*, Boh. Topeka; frequent; found under stones in spring, and on *Peucedanum fœniculaceum*.

MACROPS, *Kby*.

Several undetermined species, taken at Topeka.

CLEONUS, *Sch*.

*trivittatus*, Say. Western Kansas.

*frontalis*, Lec. Topeka; one specimen.

*carinicolis*, Lec. Western Kansas.

LIXUS, *Fabr*.

*punctinatus*, Lec. Topeka.

*terminalis*, Lec. Topeka, on *Polygonum amphibium*.

*mucidos*, Lec. Topeka and Lawrence.

*concavus*, Say. Eastern Kansas.

*musculus*, Say. Topeka.

*macer*, Lec. Eastern Kansas; frequent.

An unnamed species. Topeka.

DORYTOMUS, *Sch*.

*mucidos*, Say. Eastern Kansas.

An undetermined species. Topeka.

DESMORIS, *Lec*.

*constrictus*, Say. Eastern and middle Kansas, on *Helianthus*.

*scapalis*, Lec. Lawrence.

SMIRCRONYX, *Sch*.

*fulvus*, Lec. Topeka; common on *Helianthus lenticularis*.

OTIDOCEPHALUS, *Chev*.

An undetermined species. Lawrence.

MAGDALIS, *Germ*.

*armicollis*, Say. Lawrence and Topeka.

*subtinctus*, Lec. Topeka.

ANTHONOMUS, *Germ*.

*quadrigibbus*, Say. Lawrence.

*fulvus*, Lec. Topeka and western Kansas.

*signatus*, Say. Topeka.

*nigrinus*, Boh. Topeka.

MACRORHOPTUS, *Lec*.

*estriatus*, Lec. Western Kansas; breeds in the seeds of *Callirhoe involucrata*.

TYCHIUS, *Sch*.

*sordidus*, Lec. Western Kansas.

CONOTRACHELUS, *Sch*.

*nenuphar*, Hb. Eastern Kansas.

*retentus*, Say. Topeka.

*seniculus*, Lec. Topeka; common.

*affinis*, Boh. Topeka and Lawrence.

*nivosus*, Lec. Topeka; found on *Euphorbia corollata* abundantly.

*adpersus*, Lec. Topeka and Lawrence; on *Helianthus*.

*posticatus*, Say. Topeka and Lawrence.

*anaglypticus*, Say. Topeka.

*leucophæatus*, Fahr. Topeka.

RHYSEMATUS, *Sch*.

*lineaticollis*, Say. Topeka and Rooks county.

CHALCODERMUS, *Sch*.

*æneus*, Boh. Topeka.

TYLODERMA, *Say*.

*foveolatum*, Say. Eastern Kansas; frequent at Topeka, and found on *Gaura*.

*æreum*, Say. Eastern Kansas; more common than the last named, and found on the same plant.

CRYPTORHYNCHUS, *Ill*.

*bisignatus*, Say. Topeka.

*obtentus*, Hb. Topeka.

*tristis*, Lec. Topeka.

PIAZURUS, *Sch*.

*oculatus*, Say. Topeka.

COPTURUS, *Sch*.

*operculatus*, Say. Topeka and Lawrence.

CÆLIODES, *Sch*.

*curtus*, Say. Topeka.

*acephalus*, Say. Topeka, on *Gaura* and *Enothera*; common.

*cruralis*, Lec. Topeka.

CEUTORHYNCHUS, *Germ*,

*sulcipennis*, Lec. Topeka.

RHINONCUS, *Sch*.

*pericarpus*, L. Topeka; frequent.

*pyrrhopus*, Boh. Eastern Kansas; common on *Polygonum*.

ORTHORIS, *Lec*.

*Crotchii*, Lec. Western Kansas.

TRICHOBARIS, *Lec*.

*texana*, Lec. Topeka and westward; on *Helianthus*.

*trinotata*, Say. Eastern Kansas; common.

AULOBARIS, *Lec*.

*naso*, Lec. Topeka.

BARIS, *Germ*.

*strennua*, Lec. Topeka.

ONYCHOBARIS, *Lec*.

*subtonsa*, Lec. Topeka; abundant on *Oxybaphus nyctagineus*.

PSEUDOBARIS, *Lec*.

*farcta*, Lec. Eastern Kansas; on *Salvia Pitcheri*.

*angusta*, Lec. Topeka.

MADARUS, *Sch*.

*undulatus*, Say. Topeka.

CENTRINUS, *Sch*.

*scutellum-album*, Say. Eastern Kansas.

*penicellus*, Hb. Eastern Kansas.

*perscillus*, Gyll. Topeka.

*picumnus*, Hb. Topeka.

*decipiens*, Lec. Western Kansas.

BALANINUS, *Germ*.

*nasicus*, Say. Eastern Kansas.

## BRENTHIDÆ.

EUPSALIS, *Lac*.

*minuta*, Drury. Eastern Kansas.

## CALANDRIDÆ.

SPHENOPHORUS, *Sch*.

*callosus*, Oliv. Topeka.

*parvulus*, Gyll. Topeka and Lawrence.

*sculptilis*, Uhl. Topeka.

*costipennis*, —. Topeka.  
*cultellatus*, —. Lawrence and Topeka.  
*scoparius*, —. Lawrence.  
*vomerinus*, Lec. Western Kansas.  
 Two undetermined species.

RHODOBÆNUS, *Lec.*

*tridecimpunctatus*, Ill. Common throughout the State; most frequently found on ironweed (*Vernonia*) at Topeka.

CALANDRA, *Clairv.*

*oryzæ*, F. Topeka; one specimen.  
*granaria*, F. Topeka. Introduced in grain from the United States Department of Agriculture, but fortunately detected before the grain was sown. I know of no weevil-infested granaries in this neighborhood.

DYROPHTHORUS, *Sch.*

*corticalis*, Say. Topeka; in decayed wood.

COSSONUS, *Clairv.*

*corticola*, Say. Lawrence and Topeka; found under bark.

SCOLYTIDÆ.

XYLEBORUS, *Eich.*

*celsus*, Eich. Lawrence and Topeka.  
*xylographus*, Say. Lawrence and Topeka.

ANTHRIBIDÆ.

CRATOPARIS, *Sch.*

*lunatus*, Fab. Eastern Kansas.

BRACHYTARSUS, *Sch.*

*variegatus*, Say. Topeka; occasional.

APIONIDÆ.

APION, *Hb.*

*segnipes*, Say. Topeka.  
*sp. undet.* Topeka; on *Psoralea floribunda*.  
*sp. undet.* Topeka; on *Helianthus lenticularis*.

## CENTENNIAL CATALOGUE OF THE PLANTS OF KANSAS.

BY PROF. JAMES H. CARRUTH, OF LAWRENCE.

It is not supposed that the botanical survey of Kansas is by any means complete. Not including the Cryptogamia below the Filices, Porter & Coulter's Flora of Colorado contains the names of about 1,050 species; Colman's catalogue of Michigan Southern peninsula, 1,375. Wood's Class-Book gives east of the Mississippi, including the South Atlantic and Gulf States, about 3,900. I have understood that Prof. Aughey, of Lincoln College, Neb., has a catalogue for that State of about 1,600. This may include the lower Cryptogamia. Probably we have in Kansas 1,200 to 1,500. We already have the names of about 1,080. Of these I have seen about 900. We have more to do. But, it being the centennial year, it has been thought advisable to have a centennial catalogue, including the species already known. I have not seen all of which I give the names, but shall give none of which I do not think I have reliable information. In such cases I shall give the names of my informants. Many of those heretofore given on the authority of others I have myself since seen, and give them as of my own knowledge.

### OBSERVERS.

I have not traveled widely, but have been greatly aided by the observations of others. Before 1871, Mr. E. Hall, of Illinois, journeyed in Kansas, and published his observations. Prof. Snow, of the State University, and his students, have had their eyes open, and seen many plants. W. H. Saunders, M. D., recently of Lawrence, has reported a goodly number. In 1874 and 1875, L. Watson, M. D., sent me 400 to 500 species, often many specimens of each; a few this year. Mr. J. Henry, of Salina, sent me in 1875 about 150 species. Mr. E. A. Popenoe, of Topeka, has traveled in western Kansas, and reported quite a number. Prof. Mudge has sent some species. In 1876, W. S. Newlon, M. D., of Oswego, sent me about 200; a few in 1875. Mrs. Jewell (Miss E. C. Wright), of Irving, has sent several, and reported more. In 1874, Miss M. P. Wright, of Burlington, brought me about a dozen, four of which I had not seen here. I am indebted to Mr. James Wilson, of Leavenworth, for specimens of nearly all the ferns hitherto found in Kansas. A few other names will be found in the catalogue.



Alonzo, Popenoe Edwin. 1877. "A list of Kansas Coleoptera." *Transactions of the Kansas Academy of Science* 5, 21-40.

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