

A LIST OF THE COLEOPTERA OF IOWA

BY H. F. WICKHAM.

This catalogue has been prepared as a necessary preliminary to a projected survey of the beetles of the state. As matters now stand, no one can identify even a reasonable proportion of his captures in this order without the expenditure of a sum of money altogether disproportionate to the results attained. The writer hopes to render conditions somewhat easier by the preparation of a series of memoirs upon Iowa beetles with the idea of assisting students of our local fauna to name their specimens properly. Unfortunately our knowledge of certain groups is insufficient for complete treatment, since collections from the northern and western parts of the state are but few. However, a beginning has to be made somewhere and it is hoped that this list will serve to show what parts need attention as well as to indicate what is already known.

Several lists of our beetles have been printed in local publications and numerous records exist in the current literature of North American entomology. The first serious attempt in this direction was made by J. Duncan Putnam¹ in three papers on the Coleoptera of Davenport, Monticello and Frederic, but the number of species is not large. This was followed by a "List of the Coleoptera of Iowa City and Vicinity" by the present writer² in which 871 names were given. Soon after appeared a "Partial Catalogue of the Animals of Iowa" by Herbert Osborn,³ comprising the species of the preceding lists reinforced by several hundred records from Ames and a few from other points. To this the present writer⁴ printed additions numbering

¹ Proc. Davenport Acad. Sci., Vol. I., 1876, 169-173.

² Bulletin Lab. Nat. Hist., State Univ. of Iowa, Vol. I, 1888, 81-92.

³ Published by the Iowa Agricultural College, Ames, 1892.

⁴ Report of the Committee on State Fauna, Proc. Ia. Acad. Sci., Vol. II, 1894, 45-51.

about 234, and later⁵ a supplement to his Iowa City list, making a total of some 1121 names from this vicinity. Meanwhile numerous other insects have been detected and the time seems opportune for the presentation of a revised catalogue which shall show the state of our knowledge today. Nevertheless much remains to be done before our acquaintance with the fauna of Iowa can be considered in any sense complete, the southeastern part alone having furnished any really considerable number of records. Particular attention should be given the counties along our northern border, especially those lying in the driftless area in the northeast corner. The diversified surface of this last named region furnishes conditions not met with elsewhere within our limits, while the beetles thereof are almost unknown. All collectors of Iowa beetles are invited to communicate with the writer concerning new records and doubtful identifications in order that the systematic papers which are to follow this list may be made as complete as possible.

For the benefit of students of distribution who may wish to compare the characters of our fauna with those of other regions, a few words may be said regarding the physical features of the state. Iowa is essentially a prairie, it offers comparatively little variation in altitude, the lowest portion, near Keokuk, lying about 477 feet above sea level while the highest point, Ocheyedan Mound, reaches 1650 feet. With the exception of a narrow strip along the eastern edge of the upper half, the entire state has been extensively glaciated and is buried under the drift sheets left by the retreating ice. Western and southern Iowa lie under the Kansan drift, while most of the northeastern quarter is covered by the Iowan. To the westward of this last named sheet, a great tongue of the Wisconsin drift, the main lake region in which the surface topography shows scarcely any trace of water carving, reaches south as far as Des Moines. Its further edge curves north and west until it reaches our northern boundary in Lyon County. All of the foregoing sheets came from the Kewatin center, but on our eastern border, from just above Davenport to a point below Burlington is to be seen an invasion of the Illinoian

⁵ Bulletin Lab. Nat. Hist. State Univ. of Iowa, Vol. III, No. 3, 1895, 36-40.

drift from the Labrador center. Each of these areas shows some difference in topography and consequently in fauna.

In forests, the state is poor, the principal timber follows the course of the streams and is rapidly being cut off. Practically the whole consists of deciduous trees, though some conifers are found in the northeastern portion. This lack of coniferous forests explains the absence of many species of insects common in adjacent states. Many of our records of pinicolous beetles are due to their importation from other districts in sawed lumber.

On the whole, our beetle fauna is quite homogeneous, and is that of the central prairies. Some western types of plants and insects invade our counties along that side, in some instances extending nearly across the state — *Eleodes* and *Nothopus* being good examples. The marshes of the Wisconsin drift support some northern types, while the lower reaches of the Mississippi River yield forms which are more characteristic of the Ohio Valley.

This catalogue is based mainly on the collections of the writer. To the data thus afforded have been added the published records of Osborn and Putnam, numerous references to Keokuk and Cedar Rapids from the works of Casey and Brendel, together with a few from the papers of other recent systematists. Much information has been obtained from collections made at Iowa City by R. M. Anderson, C. H. Edmondson, John G. Griffith, M. P. Somes, Dayton Stoner, D. E. Merrill, Mary M. McGuire, Alice Yocom, and Mrs. H. F. Wickham. From other parts of the state, material has been secured through friends whose names appear with the list of abbreviations. Frank Shoemaker of Omaha has sent notes on the occurrence of insects at Council Bluffs, and Frank R. Mason of Philadelphia has kindly furnished data from the H. G. Griffith collection, made mostly at Burlington. Dr. A. Fenyès of Pasadena has given valuable assistance in making up the list of Aleocharinæ.

LOCALITIES AND ABBREVIATIONS.

- A. Ames. All records from the Osborn list.
- B. Independence. Collections by the writer and Mrs. H. F. Wickham.

- Bl. Burlington. The H. G. Griffith collection.
- C. Cedar Rapids. Mostly published records of Casey and Brendel, from collections made by the latter. About a hundred records from the writer's collection.
- Ch. Cherokee. A. D. Whedon.
- Cn. Chariton. B. Shimek.
- D. Davenport. Putnam records.
- Dm. Des Moines. M. P. Somes.
- Dw. De Witt. F. H. Shoemaker.
- E. Eddyville. B. Shimek.
- Ep. Eastport. B. Shimek.
- El. Elma. J. C. Warren.
- Fd. Fort Dodge. M. P. Somes.
- Fx. Fairfax. Osborn list.
- H. Hamburg. B. Shimek.
- Hp. Hampton. F. H. Shoemaker.
- I. Iowa City.
- Ia. Iowa. This signifies that the distribution is general throughout the state, and in every case species thus marked are known to occur at Iowa City as well as at other points.
- K. Keokuk. Published records from works of Thos. L. Casey.
- L. Lyon Co. B. Shimek.
- M. Muscatine. Thos. H. Macbride and Alice Yocom.
- Mv. Missouri Valley. B. Shimek.
- O. Okoboji. Maud Brown.
- Ob. Odebolt. F. H. Shoemaker.
- P. Council Bluffs. Frank Shoemaker and the writer.
- R. Riverton. B. Shimek.
- S. Sioux City. Mrs. Ida Grillet Slemmons.
- Sp. Spirit Lake. J. H. Brown.
- T. Traer. J. E. Cameron.
- U. Unionville. B. Shimek.
- W. Waterloo. Mrs. Lucy Brant Meade.
- Wi. Williamsburg. P. C. Myers.

Where no symbol follows the name of the insect, it is to be understood that the published citation or collection record of locality is simply "Iowa" but it is not to be inferred that the distribution is necessarily state-wide.

CICINDELIDÆ.

- TETRACHA* Hope.
virginica Linn. Southwest Ia.
CICINDELA Linn.
formosa *generosa* Dej. I. B. P. El. W.
purpurea Oliv. I. A. El.
v. auduboni Lec. S.
v. splendida Hentz. D. P.
v. amœna Lec. P.
v. transversa Leng. I.
v. limbalis Kl. I. Ch. P. Hp. El.
duodecimguttata Dej. I. El. Fx.
repanda Dej. Ia.
hirticollis Say. I. P. W.
- tranquebarica* Hbst. I. A. P.
scutellaris lecontei Hald. I. C. B. Fort
 Madison. Elkader. P. El. W.
sexguttata Fabr. Ia.
v. violacea Fabr. Bl.
punctulata Fabr. Ia.
celeripes Lec. I. P.
cursitans Lec. I. P.
unipunctata Fabr. Cedar Bluffs.
cuprascens Lec. A. Ep. P.
v. macra Lec. I. B. W.
lepida Dej. I. P.

CARABIDÆ.

- OMOPHRON* Lat.
labiatum Fabr.
nitidum Lec. El.
americanum Dej. I. C. El.
robustum Horn.
tessellatum Say. A. I. Fx. El.
CYCHRUS Fabr.
lecontei Dej. I. B. Cedar Bluffs.
 Bluffton.
elevatus Fabr. I. A. Fx. Bl.
NOMARETUS Lec.
bilobus Say. I. Cedar Bluffs.
cavicornis Lec.
CARABUS Linn.
sylvosus Say. I. A. El.
serratus Say. I. A. F. P.
limbatus Say. I. Forest City.
vinet Web. A.
CALOSOMA Web.
externum Say. I.
scrutator Fabr. Ia.
willeoxi Lec. I. Bl.
calidum Fabr. Ia.
ELAPHRUS Fabr.
ruscarius Say. Ia.
cicatricosus Lec. I.
LORICERA Lat.
cærulescens Linn. Sp. O.
- NOTIOPHILUS* Dum.
æneus Hbst. I. El.
semistriatus Say. I.
novemstriatus Lec. I. O. S.
NEBRIA Lat.
pallipes Say. B.
PASIMACHUS Bon.
elongatus Lec. I. B. S. E. C. Ch. El. M.
SCARITES Fabr.
subterraneus Fabr. Ia.
DYSCHIRIUS Bon.
nigripes Lec. Bl.
æneolus Lec. I. Bl.
globulosus Say. A. B. I. L. C.
hæmorrhoidalis Dej. I.
sphæricollis Say. Bl. I.
truncatus Lec. Bl.
erythrocerus Lec. Bl.
CLIVINA Lat.
dentipes Dej. I. Bl.
impressifrons Lec. I. Bl.
rufa Lec. P.
americana Dej. I. Bl.
striatopunctata Dej. Cedar Bluffs.
ferrea Lec. I. Bl.
bipustulata Fabr. I. C. Bl.
ASPIDOGLOSSA Putz.
subangulata Chd. Bl.

SCHIZOGENIUS *Putz.*lineolatus *Say.* I. B. El.amphibius *Hald.* I.ARDISTOMIS *Putz.*puncticollis *Putz.* Bl.PANAGÆUS *Lat.*fasciatus *Say.* I.BEMBIDIUM *Lat.*lævigatum *Say.* A. I. Bl. P.nitidum *Kby.* El.inæquale *Say.* I. Bl. Dw. Hp.littorale *Oliv.* I. P. Dw.robusticolle *Hayw.* I.punctatostriatum *Say.* P.ænulum *Hayw.* Cedar Co.coxendix *Say.* A. I. P.confusum *Hayw.* I. Bl. Dw. C. W.bifossulatum *Lec.* Elkader. Sp. Bl.americanum *Dej.* I. Dw.honestum *Say.*chalceum *Dej.* I.nigrum *Say.*postremum *Say.*ustulatum *Linn.* W.lucidum *Lec.* I. P.picipes *Kby.* I. Bl. Wi.texanum *Chd.* I.versutum *Lec.* P.cordatum *Lec.* I.graciliforme *Hayw.* I. El.dorsale *Say.* I.postfasciatum *Hamilton.* I. Bl.oberthuri *Hayw.* Hp. C.variegatum *Say.* Ia.intermedium *Kby.* I. O. El.versicolor *Lec.* Ia.quadrifasciatum *Linn.* Ia.affine *Say.* I. E. Bl.sulcatum *Lec.* El.assimile *Gyll.* I. Bl.TACHYS *Schaum.*nanus *Gyll.* Ia.flavicauda *Say.* Ia.granarius *Dej.*incurvus *Say.* Ia.dolosus *Lec.*capax *Lec.* I.vivax *Lec.* M. I.tripunctatus *Say.*ferrugineus *Dej.* I.lævus *Say.* A. I.proximus *Say.* I. Bl.scitulus *Lec.* I.corruscus *Lec.* I. Bl.PATROBUS *Dej.*longicornis *Say.* I. D. M. B. Bl. Dw. W.PTEROSTICHUS *Bon.*adoxus *Say.* A.constrictus *Say.* I. El.incisus *Lec.* I. El.coracinus *Newm.* I. A. Dw.stygius *Say.* D. I. B. Bluffton. Cn.permundus *Say.* Ia.sayi *Brullé.* I. D. El. P.lucublandus *Say.* Ia.caudicalis *Say.* I. T. El.corvinus *Dej.* I.haldemanni *Lec.* I.scrutator *Lec.* I. El.purpuratus *Lec.* I.mutus *Say.* I. A. C. Ch. Armstrong. T.pennsylvanicus *Lec.* B. El.erythropus *Dej.* A. I. C. M.patruelis *Dej.* Ob.femoralis *Kby.* Ia.EVARTHUS *Lec.*seximpressus *Lec.* I. P. B. Dm.orbatus *Newm.*colossus *Lec.* I. P. A. Cn. T. Fd. Dm.sodalis *Lec.* Foster. I. Dw.AMARA *Bon.*rufimana *Kby.* Sp.pennsylvanica *Hayw.* I.avida *Say.* I. A. B. P.exarata *Dej.* I. C.angustata *Say.* A. I. B.pallipes *Kby.* I. C.impuncticollis *Say.* O. I. Monona Co.fallax *Lec.* I. D. El. W.cupreolata *Putz.* I. O.polita *Lec.* I. C. B.interstitialis *Dej.* I. C. A. El.

obesa Say. I. Decorah. Ob.
chalcea Dej. B. El.
remotestriata Dej. I.
musculus Say.

LOXANDRUS Lec.

brevicollis Lec. I.

DIPLOCHILA Lec.

laticollis Lec. I. A. Fd. Dm.
major Lec. I. A. B. Dm.
impressicollis Dej. A.
alternans Csy. O.
obtusa Lec. I.

DICÆLUS Bon.

splendidus Say. C. D. A. I. B. Bl.
purpuratus Bon. D.
sculptilis Say. I. A. Colfax. Fd. El.
fervus Dej. C.
elongatus Bon. I. A. Decorah.

BADISTER Clairv.

notatus Hald. I.
pulchellus Lec. I. A. O.
bipustulatus Fabr. I.
flavipes Lec.
reflexus Lec. I.

CALATHUS Bon.

gregarius Say. Ia.
impunctatus Say. I.

PLATYNUS Bon.

decens Say. I. El.
sinuatus Dej. Ia.
cineticollis v. deplanatus Chd. I.
extensicollis Say. Ia.
v. viridis Lec. El.
decorus Say. Ia.
pusillus Lec. I. C.
errans Say. Sp.
tenuis Lec. El. Hp.
atratus Lec. Ob.
melanarius Dej. Ia.
deceptivus Lec. Bl.
cupripennis Say. Ia.
excavatus Dej. Cedar Co.
basalis Lec. Ia.
nutans Say. A. I. C. Sedan.
pieticornis Newm.
octopunctatus Fabr. A. I.

placidus Say. A. I. C. O. B. El. W.
obsoletus Say. A. I. Oskaloosa.
æruginosus Dej. I. D. El.
erenistriatus Lec. I. C. W.
ruficornis Lec. I. A. El.
picipennis Kby. I. B. C. Fd. Bl.
lutulentus Lec. I. A. Bl.

OLISTHOPUS Dej.

parmatus Say. I.
micans Lec. I.

PERIGONA Lap.

pallipennis Lec. I.

LEPTOTRACHELUS Lat.

dorsalis Fabr. A. I. P.

CASNONIA Lat.

pennsylvanica Linn. Ia.

GALERITA Fabr.

atripes Lec. I.
janus Fabr. Ia.
bicolor v. intermedia Csy.

TETRAGONODERUS Dej.

fasciatus Hald. Bl.

LEBIA Lat.

grandis Hentz. A. I. C. Bl.
atriventris Say. I. C. W.
tricolor Say. A.
viridis Say. Ia.
pumila Dej. I.
viridipennis Dej. I.
ornata Say. A. I.
fuscata Dej. Bl.
scapularis Dej. A. I.
furcata Lec. Bl.
bivittata Fabr. I. Bl.

DROMIUS Bon.

piceus Dej. I.

BLECHRUS Mots.

nigrinus Mann. A. El.

METABLETUS Schm.-Goeb.

americanus Dej. I. O. El. Cn.

CALLIDA Dej.

punctata Lec. I.
purpurea Say. Sp.

PLOCHIONUS Dej.

timidus Hald. El.

PINACODERA *Schaum.*limbata *Dej.* I. El.CYMINDIS *Lat.*americana *Dej.* A. I.cribrata *Lec.* El.pilosa *Say.* I. Grand River.APENES *Lec.*sinuata *Say.* I.PENTAGONICA *Schm.-Goeb.*flavipes *Lec.* I.HELLUOMORPHA *Lap.*bicolor *Harr.* I. C.BRACHYNUS *Web.*americanus *Lec.* D. I. Foster.minutus *Harr.* A.perplexus *Dej.* I. A.medius *Harr.* I. B. O. Cedar Co. Bl.conformis *Dej.* I. Woodbury Co. Sp.fumans *Fabr.* I. A. Sp.ballistarius *Lec.* I.CHLÆNIUS *Bon.*erythropus *Germ.* I. A. Ch. B.sericeus *Forst.* Ia.laticollis *Say.* D.diffinis *Chd.* I. B. C. Masonville. P.

Dw. Ob. W.

platyderus *Chd.* A.prasinus *Dej.* D. I. B. Ch.solitarius *Say.* A. I. P. W.nemoralis *Say.* I. P.tricolor *Dej.* Ia.brevilabris *Lec.*pennsylvanicus *Say.* Ia.impunctifrons *Say.* I. D. W.niger *Rand.* I.purpuricollis *Rand.* I.tomentosus *Say.* A. I. C. Dw.ANOMOGLOSSUS *Chd.*emarginatus *Say.* A. I. D. Ob.pusillus *Say.* A. I. D. Bl. El.BRACHYLOBUS *Chd.*lithophilus *Say.* Ia.LACHNOCREPIS *Lec.*parallelus *Say.* A.GEOPINUS *Lec.*incrassatus *Dej.* I. Fx. A. C. P.NOTHOPUS *Lec.*zabroides *Lec.* I. B. P.CRATACANTHUS *Dej.*dubius *Beauv.* B. I. A. El.AGONODERUS *Dej.*lineola *Fabr.* D.pallipes *Fabr.* Ia.partiarius *Say.* A. I.indistinctus *Dej.* A.DISCODERUS *Lec.*parallelus *Hald.* I.HARPALUS *Lat.*autumnalis *Say.* El. U.erraticus *Say.* I. A. Ch. B. M. S.

Decorah. P. Hp.

caliginosus *Fabr.* Ia.faunus *Say.* A. D.pennsylvanicus *DeG.* Ia.v. compar *Lec.* I. A. Ch. Bl.v. erythropus *Dej.* D.herbivagus *Say.* Ia.rufimanus *Lec.* I. El.basilaris *Kby.* El. I.testaceus *Lec.* I. W.SELENOPHORUS *Dej.*pedicularius *Dej.* I. B. El.opalinus *Lec.* I.STENOLOPHUS *Dej.*fuliginosus *Dej.* A. I. El.conjunctus *Say.* Ia.ochropezus *Say.* I. A. D. B. O. Bl. P. El.ACUPALPUS *Lat.*carus *Lec.* I. LeMars.BRADYCELLUS *Er.*cognatus *Gyll.* A.rupestris *Say.* A. I. C. B. L. El.nigriceps *Lec.* I.TACHYCELLUS *Moraw.*atrimedius *Say.* I.badiipennis *Hald.* C.ANISODACTYLUS *Dej.*rusticus *Say.* Ia.carbonarius *Say.* A. I.nigerrimus *Dej.* I. El. Bl.harrisii *Lec.* I. Bl.discoideus *Dej.* A. D. I. Bl.

- baltimorensis* Say. Ia.
verticalis Lec. I. B. Foster. Cedar
 Co. Bl. Hp.
terminatus Say. Bl. I. P.

- lugubris* Dej. D. I. Bl. Armstrong.
sericeus Harr. I. D. Bl. P.
interstitialis Say. D. I. B. P. Bl.

HALIPLIDÆ.

- HALIPLUS Lat.
triopsis Say. A. I.
borealis Lec. I.
ruficollis DeG. A. I.

- CNEMIDOTUS Er.
duodecimpunctatus Say. A. D. I.
edentulus Lec. I.

DYTISCIDÆ.

- HYDROCANTHUS Say.
iricolor Say. D.

- LACCOPHILUS Leach.
maculosus Germ. Ia.
proximus Say. Sibley. I.
fasciatus Aubé. Ia.

- DESMOPACHRIA Bab.
convexa Aubé. I. A.

- BIDESSUS Shp.
affinis Say. Ia.
lacustris Say. A.
granarius Aubé. I.

- CÆLAMBUS Thoms.
inæqualis Fabr. D.
acaroides Lec. I.
nubilus Lec. I.
dissimilis Harr. A. I.

- DERONECTES Shp.
catascopium Say. I.

- HYDROPORUS Clairv.
undulatus Say. I. A. Cn.
proximus Aubé. D.
hybridus Aubé. D.
striatopunctatus Melsh. I.
modestus Aubé. D. I.
stagnalis G. & H. A. I.

- ILYBIUS Er.
pleuriticus Lec. A. I. Mv.
biguttulus Germ. A. I.

- COPTOTOMUS Say.
interrogatus Fabr. Ia.

- ILYBIOSOMA Cr.
bifaria Kby. A.

- COPELATUS Er.
glyphicus Say. I. P.

- MATUS Aubé.
bicarinatus Say. I. A. D.

- AGABUS Leach.
obtusatus Say. I.

- punctatus* Melsh. A.
æruginosus Aubé. I.
disintegratus Cr. P.
occidens Shp. I.

- RHANTUS Esch.
bistriatus Bergst. I.

- COLYMBETES Clairv.
sculptilis Harr. I. A. Ch. P.

- HYDATIUS Leach.
piceus Lec. I. A.

- DYTISCUS Linn.
fasciventris Say. Ia.
hybridus Aubé. I. P.

- sublimbatus* Lec. Ch.

- ACILIUS Leach.
semisulcatus Aubé. Ia.
mediatus Say. I.

- THERMONECTES Esch.
ornaticollis Aubé. I.

- GRAPHODERES Esch.
liberus Say. A. I.
cinereus Linn. I.

- CYBISTER Curt.
fimbriolatus Say. Ia.

GYRINIDÆ.

GYRINUS *Linn.*
minutus Fabr. I. W.
dichrous Lec. I.
ventralis Kby. I.
maculiventris Lec. I. M. C.
affinis Aubé. I. Cedar Bluffs.

analys Say. Ia.
lugens Lec. El.
DINEUTES *MacL.*
discolor Aubé. I.
assimilis Aubé. Ia.

HYDROPHILIDÆ.

HELOPHORUS *Fabr.*
obscurus Lec. A. I. O.
lineatus Say. A. I.
HYDROCHUS *Leach.*
scabratus Melsh. I.
excavatus Lec. I.
variolatus Lec.
squamifer Lec. I. A. Forest City.

OCHTHEBIUS *Leach.*
foveicollis Lec. I.

HYDROPHILUS *Geoff.*
ovatus G. & H. I.
triangularis Say. Ia.

TROPISTERNUS *Sol.*
dorsalis Brullé. Ia.
glaber Hbst. Ia.

HYDROCHARIS *Lat.*
obtusatus Say. Ia.

BEROSUS *Leach.*
pantherinus Lec. I.
peregrinus Hbst. I.
striatus Say. Ia.

CHÆTARTHRIA *Steph.*
pallida Lec. I.

LACCOBIUS *Er.*
agilis Rand. Ia.

PHILYDRUS *Sol.*
nebulosus Say. Ia.

cinctus Say. I.
perplexus Lec. I.
hamiltoni Horn. O.
diffusus Lec. El.

CYMBIODYTA *Bedel.*
fimbriata Melsh. D. A.

HELOCOMBUS *Horn.*
bifidus Lec. El.

HYDROBIUS *Leach.*
fuscipes Linn. Ia.

CRENIPHILUS *Motsch.*
subeupreus Say. Ia.

SPHÆRIDIMUM *Fabr.*
scarabæoides Fabr. I. Hp.

CERCYON *Leach.*
unipunctatus Linn. I.
ocellatus Say. I.
prætextatus Say. A. I. O. P.
analys Payk. A.
melanocephalus Linn. I. C. B.
pygmæus Ill. I.
navicularis Zimm. I.
tristis Ill.

CRYPTOPLEURUM *Muls.*
minutum Fabr. Ia.
americanum Horn. I.

LEPTINIDÆ.

LEPTINUS *Müll.*
testaceus Müll. I. K.

SILPHIDÆ.

NECROPHORUS *Fabr.*
americanus Oliv. Ia.
sayi Lap. I.

orbicollis Say. Ia.
marginatus Fabr. Ia.
obscurus Kby. Norwich. Sp.

pustulatus *Hersch.* A. I.
v. melsheimeri *Kby.* I.
tomentosus *Web.* Ia.

SILPHA *Linn.*

surinamensis *Fabr.* Ia.
lapponica *Hbst.* A. F. C. Sp. I.
inæqualis *Fabr.* Ia.
noveboracensis *Forst.* Ia.
americana *Linn.* Ia.
ramosa *Say.* Waverly.

CHOLEVA *Lat.*

clavicornis *Lec.* I.

PRIONOCHÆTA *Horn.*

opaca *Say.* I. B.

PTOMAPHAGUS *Ill.*

consobrinus *Lec.* I.
parasitus *Lec.* I.
pusio *Lec.* I.

COLENIS *Er.*

impunctata *Lec.* I.
LIODES *Lat.*
discolor *Melsh.* I. Wi.
basalis *Lec.* I.

AGATHIDIUM *Ill.*

oniscoides *Beauv.* I.
exiguum *Melsh.* I.
politum *Lec.* I.

SCYDMÆNIDÆ.

EUCONNUS *Thoms.*

bicolor *Lec.* I.
occultus *Csy.* I.
affinis *Csy.* I.
gratus *Csy.* I.
salinator *Lec.* I.

PYCNOPHUS *Csy.*

rasus *Lec.* I.

CONNOPHRON *Csy.*

longipenne *Csy.* I. K.
formale *Csy.* I.
flavitarise *Lec.* I.
dentiger *Csy.* I.
ludificans *Csy.* I.
nigripenne *Csy.* I.
fossiger *Lec.* I.
femorale *Csy.* I.
clavicorne *Csy.* I.
pallidum *Csy.* I.
integrum *Csy.* I.
decorum *Csy.* I.
testaceipes *Csy.* I.
castaneum *Csy.* I.
triviale *Csy.* I.

trinifer *Csy.* I.
trifidum *Csy.* I.
fulvum *Lec.* I.
capillosulum *Lec.* I.
illustre *Csy.* I.
basale *Lec.* I.
lacunosum *Csy.* I.
pumilum *Csy.* I.

SMICROPHUS *Csy.*

leviceps *Csy.* I.

SCYDMÆNUS *Lat.*

perforatus *Schm.* C. I.
conjux *Csy.* I.

OPRESUS *Csy.*

minimus *Brend.* C.

ASCYDMUS *Csy.*

tener *Csy.* I.

EUTHIODES *Brend.*

lata *Brend.*

EUMICRUS *Lap.*

motschulskii *Lec.* I.
ochreateus *Csy.* I.
saginitus *Csy.* I.

PSELAPHIDÆ.

ADRANES *Lec.*

lecontei *Brend.* I.

CEDIUS *Lec.*

spinosus *Lec.* Southern Iowa.

ziegleri *Lec.* Southern Iowa.

TMESIPHORUS *Lec.*

carinatus *Say.* I.
costalis *Lec.* I.

CEOPHYLLUS Lec.
monilis Lec. I.

PILOPIUS Csy.
consobrinus Lec. I.
piceus Lec.
zimmermanni Lec. I.
lacustris Csy. I.
iowensis Csy. K.

PSELAPHUS Hbst.
erichsoni Lec. I.
longiclavus Lec.

TYCHUS Leach.
minor Lec. I.

CYLINDRARCTUS Schf.
longipalpus Lec. I.
erinifer Csy. I.

ANCHYLARTHON Brend.
cornutum Brend. I.
curtipenne Csy.

REICHENBACHIA Leach.
divergens Lec. I.
trigona Lec. C.
subsimilis Csy. I. B.
congener Brend. I.
facilis Csy. I.
cribricollis Brend. I.
rubicunda Aubé. I.
gracilis Csy.
sodalis Csy. I.
peregrinator Csy. I. K.
puncticollis Lec. I.
procera Csy.
bicolor Brend. I.
propinqua Lec. I.

BRYAXIS Leach.
illinoiensis Brend.
terebrata Csy.
arguta Csy. I.

RYBAXIS Saulcy.
truncaticornis Brend.

DECARTHON Brend.
abnorme Lec. I.
exsectum Brend. I.

scarificatum Brend. C.

BATRISUS Aubé.
scabriceps Lec. I.
lineaticollis Aubé. I.
fossicauda Csy. I.
declivis Csy. I.
harringtoni Csy. I.
frontalis Lec. I.
globosus Lec. I.
spretus Lec. I.
foveicornis Csy. I.
furcatus Brend. I.
denticollis Csy. I.
striatus Lec. I.

TRIMIOPECTUS Brend.
obsoletus Brend. C.

MELBA Csy.
parvula Lec. I.
sulcatula Csy. I.
thoracica Brend. I.
maja Brend.

THESIUM Csy.
cavifrons Lec.
laticolle Csy.

BIBLIOPECTUS Reitt.
ruficeps Lec.

THESIASTES Csy.
fossulatus Brend. I.

EUPLECTUS Leach.
interruptus Lec. I.
confluens Lec. I.
elongatus Brend. I.
iowensis Csy. I.
pertenuis Csy. I.
planipennis Brend. C.
rotundicollis Brend. C.

RAMECIA Csy.
crinita Brend.

RHEXIDIUS Csy.
canaliculatus Lec. I. C.

RHEXIUS Lec.
inseulptus Lec. I.

STAPHYLINIDÆ.

DINOPSIS Matth.
americana Kr. I.

OLIGOTA Mann.
parva Kr.

pusillima Grav.

claviger Csy. K.

GYROPHÆNA Mann.

affinis Sahlb. I.

lacustris Csy. I.

corruscula Er. I.

vinula Er. I.

dissimilis Er. I.

THECTUROTA Csy.

exigua Csy. C.

HOMALOTA Mann.

plana Gyll. I.

SILUSA Er.

cribratula Csy. I.

LEPTUSA Kr.

caseyi Fenyès. C. I.

BOLITOCCHARA Mann.

pieta Csy.

blanchardi Csy. I.

lætula Csy.

FALAGRIA Mann.

dissecta Er. D. I.

iowana Csy. C.

cingulata Lec.

tenuicornis Csy.

bilimbata Csy.

MERONERA Shp.

venustula Er. I.

CHITALIA Shp.

nigrescens Csy.

TACHYUSA Er.

americana Csy.

ATHETA Thoms.

palustris Kies. I.

festinans Er. I.

euryptera Steph. I.

sordida Melsh. I.

luteola Er. I.

analís Grav. I.

limatula Csy. I.

EURYPRONOTA Csy.

discreta Csy. C. I.

HOPLANDRIA Kr.

lateralis Melsh. I.

TRICHIUSA Csy.

robustula Csy. C.

ZYRAS Steph.

caliginosus Csy. I.

XENODUSA Wasm.

cava Lec. I. Dw.

PHLÆOPORA Er.

sublævis Csy.

PACHYCEROTA Csy.

duryi Csy. I.

BLEPHARRYMENUS Sol.

brendeli Csy. C.

NASIREMA Csy.

humilis Csy. I.

inquilina Csy. I.

OCYUSA Kr.

asperula Csy.

OXYPODA Mann.

minuta Sachse. I., in doubt.

sagulata Er. I.

perexilis Csy. I.

amica Csy. I.

iowensis Csy. I.

STICHOGLOSSA Kr.

corticina Er. I.

THIASOPHILA Kr.

angustiventris Csy.

laticollis Csy. I.

CRATARIA Thoms.

suturalis Mann. I.

DECUSA Csy.

expansa Lec. I.

MYRMOBIOTA Csy.

crassicornis Csy. I.

ALEOCHARA Grav.

lata Grav. Ia.

bimaculata Grav. I.

minuta Csy.

ACYLOPHORUS Nordm.

pronus Er. I.

HETEROTHOPS Steph.

fumigatus Lec. I.

QUEDIUS Steph.

explanatus Lec. El.

fulgidus Fabr. I. A.

peregrinus Grav. I. El.

capucinus Grav. I. El.

LISTOTROPHUS *Perty.*
cingulatus *Grav.* Ia.

CREOPHILUS *Kby.*
villosus *Grav.* Ia.

STAPHYLINUS *Linn.*
badipes *Lec.* El.
vulpinus *Nordm.* Ia.
maculosus *Grav.* Ia.
mysticus *Er.* I.
tomentosus *Grav.* B. I.
fossator *Grav.* C.
cinnamopterus *Grav.* Ia.
violaceus *Grav.* A. I. P.

OCYPUS *Kby.*
ater *Grav.* A. I. C. Hp.

PHILONTHUS *Curt.*
politus *Linn.* Ia.
hepaticus *Er.* A. El.
quisquiliarius *Gyll.* I.
debilis *Grav.* I.
thoracicus *Grav.* I.
fusiformis *Melsh.* I.
fulvipes *Fabr.* E.
micans *Grav.* I.
lomatus *Er.* Ia.
cyanipennis *Fabr.* I.
blandus *Grav.* I.
sordidus *Grav.* Ia.
cephalotes *Grav.* I.
microphthalmus *Horn.* I. B.
apicalis *Say.* I.
confertus *Lec.* Bl.

ACTOBIUS *Steph.*
sobrinus *Er.* I.
pæderoides *Lec.* I. B.

GYROHYPNUS *Steph.*
obsidianus *Melsh.* Ia.
emmesus *Grav.* I. B.
fusciceps *Lec.*
verniscatus *Csy.* I.
hamatus *Say.* Ia.
pusillus *Sachse.* I.

LEPTACINODES *Csy.*
flavipes *Lec.*
nigritulus *Lec.*

STICTOLINUS *Csy.*
scolopacea *Csy.*

NEMATOLINUS *Csy.*
longicollis *Csy.*

LEPTOLINUS *Kr.*
rubripennis *Lec.*

DIOCHUS *Er.*
schaumii *Kr.* I.

STENUS *Lat.*
colon *Say.* I.
juno *Fabr.* I.
femoratus *Say.* I.
strangulatus *Csy.* I.
erythropus *Melsh.* I.
vicinus *Csy.* I.
inornatus *Csy.* I.
colonus *Er.* I.
stygius *Say.* I.
egenus *Er.* I.
gratiosus *Csy.* B.
flavicornis *Er.* I. B. El.
annularis *Er.* I.
reconditus *Csy.* I.

EUÆSTHETUS *Grav.*
brevipennis *Csy.* I.

GASTROLOBIUM *Csy.*
lecontei *Horn.*
bicolor *Grav.* Ia.
strenuum *Csy.*

HESPEROBIUM *Csy.*
pallipes *Grav.* Ia.
capito *Csy.*
cinctum *Say.* I.
sellatum *Lec.* I.

CRYPTOBIELLA *Csy.*
pusilla *Lec.* A.

PÆDERILLUS *Csy.*
palustris *Aust.* I.
iowensis *Csy.*
littorarius *Grav.* Ia.

APTERALIUM *Csy.*
brevipenne *Lec.* I. C.

LATHROBIUM *Grav.*
armatum *Say.* I.
simile *Lec.* A. I.

LITOLATHRA *Csy.*
convictor *Csy.* I.
amputans *Csy.*

LATHROBIOMA *Csy.*
 othoides *Lec.* I.

LATHROLEPTA *Csy.*
 debilis *Lec.*

TETARTOPEUS *Czwl.*
 punctulatus *Lec.* A. I.
 rubripennis *Csy.*
 semiruber *Csy.*
 angularis *Lec.* I.

EULATHROBIUM *Csy.*
 grande *Lec.* M.

LATHROTAXIS *Csy.*
 longiusecula *Grav.* D. I. E.

PSEUDOLATHRA *Csy.*
 analis *Lec.*

LATHROBIELLA *Csy.*
 ventralis *Lec.* I. B.
 gracilicornis *Csy.*
 collaris *Er.* I.
 famelica *Csy.*
 ambigua *Lec.*

ADEROCHARIS *Shp.*
 corticina *Grav.*

LITHOCHARIS *Lac.*
 ochracea *Grav.* Ia.

TRACHYSECTUS *Csy.*
 confluent *Say.* A. I.

PLATYMEDON *Csy.*
 laticolle *Csy.* I.

LEUCORUS *Csy.*
 rubens *Csy.*

PYCNORUS *Csy.*
 iowanus *Csy.*

SCOPÆUS *Er.*
 notangulus *Csy.*
 exiguus *Er.* I.
 brachypterus *Csy.* I.

STILICUS *Lat.*
 angularis *Lec.* I.
 lacustrinus *Csy.*
 dentatus *Say.* I.

MEGASTILICUS *Csy.*
 formicarius *Csy.* I.

SUNIUS *Er.*
 prolixus *Er.* I.
 binotatus *Say.* I.

cinctus *Say.* I.
 simulans *Csy.*
 brevipennis *Aust.* I.
 discopunctatus *Say.*

PALAMINUS *Er.*
 larvalis *Lec.* I.

TACHINUS *Grav.*
 memnonius *Grav.* I. El.
 flavipennis *Dej.* I.
 pallipes *Grav.* I.
 fimbriatus *Grav.* I.
 limbatus *Melsh.* B. I.

TACHYPORUS *Grav.*
 chrysomelinus *Linn.* Ia.
 v. maculipennis *Lec.* Ia.
 jocosus *Say.* Ia.
 nitidulus *Fabr.* Ia.

ERCHOMUS *Mots.*
 ventriculus *Say.* Ia.

CONOSOMA *Kr.*
 crassum *Grav.* I. El.
 pubescens *Payk.* I.
 basale *Er.* I. B. C.
 limuloides *Csy.*
 scriptum *Horn.* I.

MYCETOPORUS *Mann.*
 americanus *Er.* I. Cedar Co.
 flavicollis *Lec.* I.
 splendidus *Grav.* I. B.

BOLETOBIUS *Leach.*
 intrusus *Horn.* I. B.
 cincticollis *Say.* I. M.
 trinotatus *Er.* I.
 cinctus *Grav.* I.

OXYPORUS *Fabr.*
 rufipennis *Lec.* A.
 stygius *Say.* I. Hesper.
 vittatus *Grav.* I.
 lepidus *Lec.* I.

OSORIUS *Latr.*
 latipes *Grav.* A. I.

BLEDIUS *Leach.*
 semiferrugineus *Lec.* I. B.
 fumatus *Lec.* I.
 analis *Lec.* I.
 assimilis *Csy.* I.

opacus *Block.* I.

nebulosus *Csy.*

annularis *Lec.* I.

tau *Lec.* I. C. B.

emarginatus *Say.* I.

PLATYSTETHUS *Mann.*

americanus *Er.* Ia.

OXYTELUS *Grav.*

sculptus *Grav.* I.

pennsylvanicus *Er.* I.

nitidulus *Grav.* I.

placuosinus *Lec.* I.

suspectus *Csy.* I.

exiguus *Er.* I.

TROGOPHLEUS *Mann.*

4-punctatus *Say.* I.

imbellis *Csy.* C.

lepidus *Csy.* I.

phleoporinus *Lec.* C.

detractus *Csy.* C.

ingens *Csy.* C.

APOCELLUS *Er.*

sphaericollis *Say.* Ia.

GEODROMICUS *Redt.*

cæsus *Er.* I.

brunneus *Say.* I. B.

LESTEVA *Lat.*

pallipes *Lec.* I.

ARPEDIUM *Er.*

cribratum *Fvl.* I.

tenuè *Lec.* I.

LATHRIMÆUM *Er.*

sordidum *Er.* D.

OLOPHRUM *Er.*

rotundicollè *Sahlb.* I.

ANTHOBIUM *Leach.*

hornii *Fvl.* I.

GLYPTOMA *Er.*

costale *Er.* Ia.

TRIGA *Fauv.*

picipennis *Lec.* I.

ELEUSIS *Lec.*

pallidus *Lec.* I.

MICROPEPLUS *Lat.*

cribratus *Lec.* I.

TRICHOPTERYGIDÆ.

LIMULODES *Matth.*

paradoxus *Matth.* I.

TRICHOPTERYX *Kby.*

atomaria *DeG.* I.

SCAPHIDIIDÆ.

SCAPHIDIUM *Oliv.*

quadriguttatum *Say.* I. P. Bl.

v. piceum *Melsh.* A. I. Dw.

BÆOCERA *Er.*

concolor *Fabr.*

congener *Csy.*

speculifer *Csy.* K.

apicalis *Lec.* I. B.

SCAPHISOMA *Leach.*

repanda *Csy.*

convexum *Say.* I. D. W.

suturale *Lec.* I. B.

evanescens *Csy.*

SCAPHIOMICRUS *Csy.*

nugator *Csy.* K.

PHALACRIDÆ.

PHALACRUS *Payk.*

simplex *Lec.* I.

politus *Melsh.* I. P. B.

ACYLOMUS *Shp.*

ergoti *Csy.* I.

STILBUS *Seid.*

apicalis *Melsh.* I. A. B. El. W.

nitidus *Melsh.* Ia.

obscurus *Csy.* I.

CORYLOPHIDÆ.

GRONEVUS *Csy.*

- sticticus Csy.*
truncatus Lec. I.
hesperus Csy. K.

SERICODERUS *Steph.*

- flavidus Lec.* I.

MOLAMBA *Csy.*

- lunata Lec.*
ornata Csy.
fasciata Say. I. B.

ARTHROLIPS *Er.*

- decolor Lec.*

COCCINELLIDÆ.

ANISOSTICTA *Duponchel.*

- strigata Thunb.* A. O.

MEGILLA *Muls.*

- maculata v. fuscilabris Muls.* Ia.

HIPPODAMIA *Chev.*

- 13-punctata Linn.* Ia.
glacialis Fabr. I. A.
convergens Guér. Ia.
15-maculata Muls. I. P.
parenthesis Say. Ia.

HARMONIA *Muls.*

- picta Rand.* Bl.

ADALIA *Muls.*

- bipunctata Linn.* I. C. Dm. W.
humeralis Say. I.

COCCINELLA *Linn.*

- novemnotata Hbst.* Ia.
transversoguttata Fald. A.

CYCLONEDA *Cr.*

- sanguinea v. munda Say.* Ia.

OLLA *Csy.*

- oculata Fabr.* I. A.
abdominalis Say. A. I.

ANATIS *Muls.*

- 15-punctata Oliv.* Ia.

PSYLLOBORA *Chev.*

- 20-maculata Say.* Ia.
v. obsoleta Csy. K.

CHILOCORUS *Leach.*

- bivulnerus Muls.* Ia.

DELPHASTUS *Csy.*

- pusillus Lec.* C. I.

BRACHYACANTHA *Chev.*

- ursina Fabr.* Ia.
10-pustulata Melsh. Ia.
4-punctata Melsh. I. A.

HYPERASPIS *Chev.*

- proba Say.* I. B. El.
binotata Say. I. B. El.
pratensis Lec. I.
lugubris Rand. I. El.
undulata Say. Ia.

SMILIA *Weise.*

- marginata Lec.* A.
misella Lec. I.

STETHORUS *Weise.*

- punctum Lec.* I.

SCYMNUS *Kug.*

- hæmorrhous Lec.* I.
cervicalis Muls. I.
iowensis Csy. K.
brullei Muls. (Horn). I.
collaris Melsh.
americanus Muls. I. Bl.
flavifrons Melsh. I.

ENDOMYCHIDÆ.

SYMBIOTES *Redt.*

- ulkei Cr.* C. I.
minor Cr. Bl.

RHANIS *Lec.*

- unicolor Zieg.* I.

PHYMAPHORA *Newm.*

- pulchella Newm.* C.

LYCOPERDINA *Lat.*

- ferruginea Lec.* Ia.

APHORISTA *Gorh.*

- vittata Fabr.* A. I.

STENOTARSUS *Perty.*

- hispidus Hbst.* El.

ENDOMYCHUS *Panz.*

- biguttatus Say.* Ia.

EROTYLIDÆ.

LANGURIA *Lat.*
bicolor Fabr. A.
mozardi Lat. Ia.
trifasciata Say. A. I. P.
gracilis Newm. I. A. Dm.

PLÆOSOMA *Woll.*
punctata Lec. I.

MEGALODACNE *Cr.*
fasciata Fabr. A. I.
heros Say. Ia. In doubt, Osborn List.

ISCHYRUS *Lac.*
4-punctatus Oliv. A. I. W. P.

MYCOTRETUS *Lac.*
sanguinipennis Say. I. Foster.
pulchra Say. Bluffton.

TRITOMA *Fabr.*
biguttata Say. I.
humeralis Fabr. I.
v. ruficeps Lec. I. C. B.
erythrocephala Lac. A.
angulata Say. I. Bl.
unicolor Say. I.
thoracica Say. Ia.
flavicollis Lec. Ia.

COLYDIIDÆ.

SYNCHITA *Hellw.*
fuliginosa Melsh. I.

DITOMA *Ill.*
quadriguttata Say. I.

COLYDIUM *Fabr.*
lineola Say. I.

BOTHRIDERES *Er.*
geminatus Say. I.

CERYLON *Lat.*
castaneum Say. Ia.
sticticum Csy. I.
clypeale Csy. I.

PHILOTHERMUS *Aubé.*
glabriculus Lec. I.

MURMIDIUS *Leach.*
ovalis Beck. I.

RHYSSODIDÆ.

RHYSSODES *Dalm.*
exaratus Ill. I.

SILVANUS *Lat.*
surinamensis Linn. Ia.
bidentatus Fabr. Ia.
planatus Germ. Ia.
imbellis Lec. I. P.
advena Waltl. I.

CATØGENUS *Westw.*
rufus Fabr. Ia.

PEDIACUS *Shuck.*
depressus Hbst. I.

CUCUJUS *Fabr.*
clavipes Fabr. Ia.

CUCUJIDÆ.

LÆMOPHLEUS *Lap.*
biguttatus Say. A. I. Bl.
fasciatus Melsh. A. I.
convexus Lec. I.
adustus Lec. I.
testaceus Fabr. I. W.

BRONTES *Fabr.*
dubius Fabr. I. A.

TELEPHANUS *Er.*
velox Hald. Ia.

CRYPTOPHAGIDÆ.

TELMATOPHILUS *Heer.*
americanus Lec. C.
 LOBERUS *Lec.*
impressus Lec. I.

TOMARUS *Lec.*
pulchellus Lec. I.
 ANTHEROPHAGUS *Lat.*
ochraceus Melsh. I. B.

CROSIMUS *Csy.**hirtus Csy.* I.CRYPTOPHAGUS *Hbst.**cellaris Scop.* I.*croceus Zimm.* I.*laticlavus Csy.* I.*fungicola Zimm.* I.CÆNOSCELIS *Thoms.**testacea Zimm.* I.AGATHENGIS *Gozis.**pumilio Csy.*ATOMARIA *Steph.**ephippiata Zimm.* Ia.*divisa Csy.* B.*curtula* v. *pumilio Csy.**crypta Csy.**ovalis Csy.*

MYCETOPHAGIDÆ.

MYCETOPHAGUS *Hellw.**punctatus Say.* Ia.*flexuosus Say.* Ia.*pluripunctatus Lec.* I. Bl.*bipustulatus Melsh.* I.TYPHŒA *Curt.**fumata Linn.* Ia.LITARGUS *Er.**tetraspilotus Lec.* I.*sexpunctatus Say.* I. B.*didesmus Say.* I.

DERMESTIDÆ.

BYTURUS *Lat.**unicolor Say.* I.DERMESTES *Linn.**marmoratus Say.* A.*caninus* v. *nubipennis Csy.* Ia.*fasciatus Lec.* I. El.*vulpinus Fabr.* A.*frischii Kug.* K. I.*elongatus Lec.* El.*lardarius Linn.* Ia.ATTAGENUS *Lat.**piceus Oliv.* Ia.*extricatus Csy.* I. B.*cylindricornis Say.* K. I. B.*bicolor G. & H.* K.*schaefferi Hbst.* B.TROGODERMA *Lat.**ornata Say.* I. K.*tarsale Melsh.* I.ANTHRENUS *Geoff.**serophulariæ Linn.* Ia.*verbasci Linn.* Ia.*v. destructor Melsh.* K. B.ORPHILUS *Er.**ater Er.* I. B.

HISTERIDÆ.

HOLOLEPTA *Payk.**fossularis Say.* A. I. P.HISTER *Linn.**subopacus Lec.* W.*biplagiatus Lec.* I.*harrisii Kby.* I.*felipæ Lew.* El. I.*merdarius Hoffm.* I. El.*immunis Er.* I. El.*cognatus Lec.* I. El.*foedatus Lec.* I.*abbreviatus Fabr.* Ia.*depurator Say.* I.*furtivus Lec.* I. Bl.*incertus Mars.* A.*bimaculatus Linn.* I. A.*sedecimstriatus Say.* A. I. Bl.*americanus Payk.* B. El. I. P.*perplexus Lec.* I.*exaratus Lec.* A. I. Bl.*subrotundus Say.* Ia.*carolinus Payk.* Ia.*lecontei Mars.* Ia.TRIBALUS *Er.**americanus Lec.* I.

EPIERUS *Er.*
 pulicarius *Er.* I.
 HETÆRIUS *Er.*
 brunnipennis *Rand.* I.
 DENDROPHILUS *Leach.*
 punctulatus *Say.* I. P.
 PAROMALUS *Er.*
 æqualis *Say.* I.
 estriatus *Lec.* I.
 bistriatus *Er.* A. I. El.
 SAPRINUS *Er.*
 rotundatus *Kug.* A.
 pennsylvanicus *Payk.* Ia.

assimilis *Payk.* Ia.
 conformis *Lec.* A. I.
 sphæroides *Lec.* I.
 mancus *Say.* El. W.
 fraternus *Say.* C. E. L. W.
 fitchii *Mars.* I. El.
 patruelis *Lec.* W.
 BACANIUS *Lec.*
 punctiformis *Lec.* C.
 ACRITUS *Lec.*
 exiguus *Er.* I.
 ÆLETES *Horn.*
 politus *Lec.* I.

NITIDULIDÆ.

BRACHYPTERUS *Er.*
 urticæ *Fabr.* I.
 CERCUS *Lat.*
 abdominalis *Er.* I.
 CARPOPHILUS *Steph.*
 brachypterus *Say.* Ia.
 hemipterus *Linn.* B.
 COLASTUS *Er.*
 semitectus *Say.* I.
 unicolor *Say.* I.
 truncatus *Rand.* I.
 CONOTELUS *Er.*
 obscurus *Er.* Ia.
 EPURÆA *Er.*
 helvola *Er.* A. I.
 rufa *Say.* I.
 erichsonii *Reitt.* I.
 ovata *Horn.* I.
 labilis *Er.* I.
 NITIDULA *Linn.*
 bipustulata *Linn.* Ia.
 rufipes *Linn.* Ia.

ziczac *Say.* Ia.
 STELIDOTA *Er.*
 geminata *Say.* I.
 octomaculata *Say.* I.
 PROMETOPIA *Er.*
 sexmaculata *Say.* I.
 PHENOLIA *Er.*
 grossa *Fabr.* Ia.
 OMOSITA *Er.*
 colon *Linn.* Ia.
 AMPHICROSSUS *Er.*
 ciliatus *Oliv.* I.
 CYCHRAMUS *Kug.*
 adustus *Er.* I.
 CYBOCEPHALUS *Er.*
 nigrutilus *Lec.* El.
 CRYPTARCHA *Shuck.*
 ampla *Er.* Ia.
 concinna *Melsh.* I.
 IPS *Fabr.*
 sanguinolentus *Oliv.* I.
 fasciatus *Oliv.* Ia.

LATHRIDIIDÆ.

LATHRIDIUS *Hbst.*
 liratus *Lec.* I.
 CONINOMUS *Thoms.*
 constrictus *Gyll.*
 ENICMUS *Thoms.*
 minutus *Linn.* I.

CARTODERE *Thoms.*
 costulata *Reitt.* I.
 CORTICARIA *Marsh.*
 pubescens *Gyll.* I.
 elongata *Gyll.* I.
 ferruginea *Marsh.* I.
 serrata *Payk.* I.

MELANOPHTHALMA *Mots.*

pieta *Lec.* Ia.
villosa *Zimm.* I.
distinguenda *Com.* Ia.
pumila *Lec.* I.

gibbosa *Hbst.* I.
longipennis *Lec.* I.
americana *Mann.* I.
cavicollis *Mann.*

TROGOSITIDÆ.

ALINDRIA *Er.*

cylindrica *Serv.* I.

TENEBRIOIDES *Pall.*

mauritanica *Linn.* I. A.
corticalis *Melsh.* I. El.
dubia *Melsh.* I.
marginata *Beauv.* I.
castanea *Melsh.* I. A.

GRYNOCHARIS *Thoms.*

quadrilineata *Melsh.* A. El.

THYMALUS *Duft.*

fulgidus *Er.* I.

MONOTOMA *Hbst.*

fulvipes *Melsh.* I.

BACTRIDIDIUM *Lec.*

ephippigerum *Guér.* I.

DERODONTIDÆ.

DERODONTUS *Lec.*

maculatus *Melsh.* I.

BYRRHIDÆ.

CYTILUS *Er.*

sericeus *Forst.* I.

BYRRHUS *Linn.*

murinus *Fabr.* I.

americanus *Lec.* Sp.

LIMNICHUS *Lat.*

punctatus *Lec.* I.

PARNIDÆ.

DRYOPS *Oliv.*

lithophilus *Germ.* I.

fastigiatus *Say.* I.

striatus *Lec.* I.

ELMIS *Lat.*

vittatus *Melsh.* I.

4-notatus *Say.* I.

STENELMIS *Dup.*

crenatus *Say.* I.

vittipennis *Zimm.* I. B.

MACRONYCHUS *Müll.*

glabratus *Say.* I.

HETEROCERIDÆ.

HETEROCERUS *Fabr.*

pallidus *Say.* Mv.

undatus *Melsh.* I. C.

v. substriatus *Kies.* I.

brunneus *Melsh.* Mv.

collaris *Kies.* I.

tristis *Mann.* O.

auromicans *Kies.* A. C. Hp.

DASCYLLIDÆ.

PTILODACTYLA *Lat.*

serricollis *Say.* I. A.

EUCINETUS *Germ.*

terminalis *Lec.* I. El. W.

strigosus *Lec.* I.

PRIONOCYPHON *Redt.*

discoideus *Say.* A.

HELODES *Lat.*

fuscipennis *Guér.* I. B. Waverly

SCIPTES *Ill.*

tibialis *Guér.* A. I.

CYPHON *Payk.*
ruficollis Say. I.

obscurus Guér. I.
variabilis Thunb. A. I.

RHIPICERIDÆ.

SANDALUS *Knoch.*
niger Knoch. A.

ELATERIDÆ.

THAROPS *Lap.*
ruficornis Say. A. I.
 STETHON *Lec.*
pectorosus Lec. Wapello.
 DELTOMETOPUS *Beauv.*
amænicornis Say. I. W.

DROMÆOLUS *Kies.*
cylindricollis Say. I.
striatus Lec. I.

FORNAX *Lap.*
badius Melsh. I.
calceatus Say. I.
hornii Bonv. I.
orchesides Newm. I.

MICRORHAGUS *Esch.*
triangularis Say. I.

NEMATODES *Lat.*
penetrans Lec. I.

ANELASTES *Kby.*
drurii Kby. Oskaloosa.

ADELOCERA *Lat.*
impressicollis Say. I.
discoidea Web. A. I.
aurorata Say. A.

LACON *Lap.*
rectangularis Say. I. S.

AL AUS *Esch.*
oculatus Linn. Ia.

CARDIOPHORUS *Esch.*
cardisce Say. I. P.

ESTHESOPUS *Esch.*
claricollis Say. I.

CRYPTOHYPNUS *Esch.*
choris Say. I.
exiguus Rand. I. A.
æstivus Horn. I.
obliquatulus Melsh. I. Bl.
pectoralis Say. I.

ÆDOSTETHUS *Lec.*
femoralis Lec. I.

MONOCREPIDIUS *Esch.*
lividus DeG. P.
vespertinus Fabr. Ia.
auritus Hbst. Ia.
bellus Say. A.

ELATER *Linn.*
manipularis Cand. I.
pedalis Germ. I.
v. deletus Lec. B.
nigricollis Hbst. A. I. Bl.
luteus Say. A. I.
rubricollis Hbst. I.
semicinctus Rand. A.
luctuosus Lec. I.
rubricus Say. I.
sanguinipennis Say. I. Bl.
apicatus Say. El.
obliquus Say. Fx. I. B.

DRASTERIUS *Esch.*
elegans Fabr. Ia.
amabilis Lec. I.

LUDIUS *Lat.*
attenuatus Say. A. I. W.
abruptus Say. I.

AGRIOTES *Esch.*
maneus Say. I. Fd.
fucosus Lec. El.
pubescens Melsh. I. El. Bl.
oblongicollis Melsh. Fx. I.

DOLOPIUS *Esch.*
lateralis Esch. Ia.

GLYPHONYX *Cand.*
testaceus Melsh. A. P.
recticollis Say. Bl.

MELANOTUS *Esch.*
depressus Melsh. A.

fissilis Say. Ia.
communis Gyll. Ia.
parumpunctatus Melsh. A. El.
cribulosus Lec. B. I.
pertinax Say. A. Fx.
americanus Hbst. I.
opacicollis Lec. I.
paradoxus Melsh. El.

LIMONIUS Esch.

auripilis Say. A. I. Sp.
griseus Beauv. A. Fx. I. Bl.
interstitialis Melsh. I.
confusus Lec. Bl.
quercinus Say. El.
basillaris Say. I. A. El.
nimbatus Say. I.

ATHOUS Esch.

brightwelli Kby. I.
acanthus Say. Fx. I. W.

cueullatus Say. I.

CORYMBITES Lat.

sjælandicus Müll. I. Bl.
cylindriformis Hbst. I.
spinosus Lec. A.
hieroglyphicus Say. A. I. El.
inflatus Say. I. El. Bl.
rotundicollis Say. A. I. El.

OXYGONUS Lec.

obesus Say. I. El.

HEMICREPIDIUS Germ.

decoloratus Say. I. El. Bl.
memnonius Hbst. Ia.
bilobatus Say. I.

MELANACTES Lec.

piceus DeG. A. I.

PEROTHOPS Er.

mucida Gyll. A.

THROSCIDÆ.

DRAPETES Redt.
geminatus Say. I.

THROSCUS Lat.

validus Lec. I.

punctatus Bonv. I.
chevrolati Bonv. I.

BUPRESTIDÆ.

DICERCA Esch.
prolongata Lec. I.
divaricata Say. A. I.
obscura Fabr. A. I. B. Bl.
lurida Fabr. A. I.
asperata Lap. & Gory. I.

CINYRA Lap. & Gory.

gracilipes Melsh. I.

PÆCILONOTA Esch.

cyanipes Say. El.

BUPRESTIS Linn.

confluens Say. A.

MELANOPHILA Esch.

acuminata DeG. B. Forest City. El.

ANTHAXIA Esch.

viridifrons Lap. Fx. I.

viridicornis Say. I.

cyanella Gory. A. El.

CHRYSOBOTHRIS Esch.

femorata Fabr. Fx. A. I. C. El.

dentipes Germ. A. I.

sexsignata Say. A. I.

ACMÆODERA Esch.

pulchella Hbst. Ia.

tubulus Fabr. I.

AGRILUS Steph.

ruficollis Fabr. Fx. I. El.

otiosus Say. A. I. El.

arcuatus Say. I. Fx.

bilineatus Web. I. Fx. El.

acutipennis Mann. El.

anxius Gory. I.

politus Say. Fx. I. Ep.

fallax Say. I. El. W.

obsoleteguttatus Gory. I. Fx. El.

pusillus Say. I.

TAPHROCERUS Sol.

gracilis Say. A. I. Bl.

BRACHYS Sol.

ovata Web. A. I. El.

ærosa Melsh. Fx.

PACHYSCELUS Sol.

purpureus Say. I. W.

LAMPYRIDÆ.

LYCOSTOMUS *Mots.*
lateralis Melsh. I.
 CALOPTERON *Guér.*
terminale Say. A. I. P. El.
reticulatum Fabr. A. I.
v. affine Lec. I. C. Decorah.
 LOPHEROS *Lec.*
fraternus Rand. El.
 EROS *Newm.*
thoracicus Rand. I.
aurora Hbst. I. A.
 PLATEROS *Bourg.*
canaliculatus Say. I.
modestus Say. I.
floralis Melsh. Bl.
 LUCIDOTA *Lap.*
atra Fabr. Ia.
 ELLYCHNIA *Lec.*
corrusca Linn. Ia.
 PYROPYGA *Mots.*
nigricans Say. I.
 PYRACTOMENA *Lec.*
angulata Say. A. I. El.
lucifera Melsh. O.
 PHOTINUS *Lap.*
pyralis Linn. A. I. C. El.
punctulatus Lec. I. El.
marginellus Lec. Dm.
scintillans Say. A. I.
 PHOTURIS *Lec.*
pennsylvanica DeG. Ia.
 PHENGODES *Ill.*
plumosa Oliv. Manchester.

CHAULIOGNATHUS *Hentz.*
pennsylvanicus DeG. Ia.
marginatus Fabr. Ep. P.
 PODABRUS *Westw.*
rugulosus Lec. A. Fx. I. B.
basillaris Say. A. I. Ep.
diadema Fabr. I.
modestus Say. A. Fx. I. El.
tomentosus Say. Ia.
brunnicollis Lec. A.
puncticollis Kby.
lævicollis Kby. I.
 SILIS *Lat.*
percomis Say. A. I.
 TELEPHORUS *Schäff.*
dentiger Lec. A. I.
excavatus Lec. B.
carolinus Fabr. Ia.
lineola Fabr. Ia.
rectus Melsh. A. I.
flavipes Lec. I. El.
scitulus Say. I.
luteicollis Germ. A. I.
rotundicollis Say. I.
curtisii Kby. A.
tuberculatus Lec. I.
bilineatus Say. Ia.
 DITEMNUS *Lec.*
bidentatus Say. I.
 TRYPPERUS *Lec.*
latipennis Germ. A. I. Fx.
 MALTHODES *Kies.*
exilis Melsh. I.

MALACHIDÆ.

COLLOPS *Er.*
punctatus Lec. L.
quadrimaculatus Fabr. Ia.
vittatus Say. Sp. El.
 ANTHOCOMUS *Er.*
erichsoni Lec. I.

PSEUDEBÆUS *Horn.*
apicalis Say. I. W.
 ATTALUS *Er.*
seincetus Say. I. B. El.
otiosus Say. I.

CLERIDÆ.

CYMATODERA *Gray.*
brunnea Melsh. I.
bicolor Say. I.

inornata Say. I.
undulata Say. I.

TRICHODES *Hbst.*nuttalli *Kby.* Ia.CLERUS *Geoff.*quadriguttatus *Oliv.* Ia.v. nigripes *Say.* I.rosmarus *Say.* I. A.thoracicus *Oliv.* I. Bl.THANEROCLERUS *Spin.*sanguineus *Say.* A. I. Elkader. Bl.HYDROCERA *Newm.*humeralis *Say.* A. El. I.v. difficilis *Lec.* El.pallipennis *Say.* A. I.verticalis *Say.* I. Bl.tabida *Lec.* I. A.PHYLLOBÆNUS *Spin.*dislocatus *Say.* A. I.CHARIESSA *Perty.*pilosa *Forst.* I. Le Claire. El.ORTHOPLEURA *Spin.*damicornis *Fabr.* I. Bl.NECROBIA *Lat.*rufipes *Fabr.* I.ruficollis *Fabr.* I. Bl.violaceus *Linn.* I. El.

PTINIDÆ.

PTINUS *Linn.*brunneus *Duft.* I. Bl.fur *Linn.* I. A. Bl.bicinctus *Sturm.* I.villiger *Reitt.* I.EUCRADA *Lec.*humeralis *Melsh.* I.OLIGOMERUS *Redt.*sericans *Melsh.* Fx.SITODREPA *Thoms.*panicea *Linn.* Ia.TRICHODESMA *Lec.*gibbosa *Say.* I. Bl.HADROBREGMUS *Thoms.*carinatus *Say.* Ia.linearis *Lec.* Fx.TRYPOPITYS *Redt.*sericeus *Say.* I. Bl.EUPACTUS *Lec.*nitidus *Lec.* I.LASIODERMA *Steph.*serricorne *Fabr.* I.CATORAMA *Guér.*confusum *Fall.*PROTHECA *Lec.*puberula *Lec.* I.DORCATOMA *Hbst.*dresdensis *Hbst.* I.CÆNOCARA *Thoms.*oculata *Say.* I. Bl. W.PTILINUS *Geoff.*ruficornis *Say.* I. Bl.

BOSTRYCHIDÆ.

ENDECATOMUS *Mellié.*rugosus *Rand.* Bl.BOSTRYCHUS *Geoff.*bicornis *Web.* I. C.armiger *Lec.* I.AMPHICERUS *Lec.*bicaudatus *Say.* I. A. Bl.gracilis *Csy.* I.XYLOPERTHA *Guér.*bidentata *Horn.* Bl.XYLOBIOPS *Csy.*basillare *Say.* I. C.DINODERUS *Steph.*porcatus *Lec.* I. Bl.pusillus *Fabr.* I.punctatus *Say.* I. Bl.

LYCTIDÆ.

LYCTUS *Fabr.*striatus *Melsh.* A. I. El.opaculus *Lec.* I.TROGOXYLON *Lec.*parallelopipedum *Melsh.* I.

CUPEPIDÆ.

CUPES *Fabr.*concolor *Westw.* I. Cedar Co.

CROIDÆ.

CIS *Lat.*fuscipes *Mell.* Ia.XESTOCIS *Csy.*levettei *Csy.* I.ENNEARTHON *Mellié.*thoracicornis *Ziegl.* Ia.RHIPIDANDRUS *Lec.*paradoxus *Beauv.* I.

SPHINDIDÆ.

SPHINDUS *Chev.*americanus *Lec.* I. O.trinifer *Csy.* I.

LUCANIDÆ.

LUCANUS *Linn.*elaphus *Fabr.* Southeastern Iowa.dama *Thunb.* Ia.placidus *Say.* A. I. C. B.DORCUS *MacL.*parallelus *Say.* A. C. I.PLATYCERUS *Geoff.*quercus *Web.* I. Fd.CERUCHUS *MacL.*piceus *Web.* A. I.PASSALUS *Fabr.*cornutus *Fabr.* M. Morning Sun. I.

SCARABÆIDÆ.

CANTHON *Hoffm.*lævis *Dru.* Ia.vigilans *Lec.* Louisa Co.viridis *Beauv.* A. El.CHÆRIDIMUM *Lep.*histeroides *Web.* A.COPRIS *Geoff.*minutus *Dru.* A. I.anaglypticus *Say.* Ia.PHANÆUS *MacL.*carnifex *Linn.* I. C. Clinton.ONTHOPHAGUS *Lat.*hecate *Panz.* Ia.janus *Panz.* A. I.pennsylvanicus *Har.* I. El.ÆGIALIA *Lat.*conferta *Horn.* B.PLEUROPHORUS *Muls.*cæsus *Panz.* I.RHYSEMUS *Muls.*sonatus *Lec.* P.ATÆNIUS *Har.*gracilis *Melsh.* I. Atwood.abditus *Hald.* I. El.robustus *Horn.* I.strigatus *Say.* I.cognatus *Lec.* I. E. O. Mv. B. P. El.
Bl. W.DIALYTES *Har.*striatulus *Say.* I.APHODIUS *Ill.*fossor *Linn.* I.hamatus *Say.* El.fimetarius *Linn.* Ia.ruricola *Melsh.* I.granarius *Linn.* Ia.vittatus *Say.* Bl.inquinatus *Hbst.* Ia.stercorosus *Melsh.* I. B. Mv. W.concavus *Say.* I. A. Bl. Sp. P.bicolor *Say.* I.femoralis *Say.* Ia.BOLBOCERAS *Kby.*lazarus *Oliv.* Ia.BOLBOCEROSOMA *Schæff.*faretum *Fabr.* El.v. tumefactum *Beauv.* Ia.

- ODONTÆUS *Kl.*
flicornis Say. I.
cornigerus Melsh. I.
 GEOTRUPES *Lat.*
splendidus Fabr. Ia.
semiopacus Jek. I. Fd.
opacus Hald. I. P.
 CLÆOTUS *Germ.*
aphodioides Ill. Ft. Madison.
 TROX *Fabr.*
suberosus Fabr. I. S. C.
punctatus Germ. Bl.
tuberculatus DeG. I. Bl.
unistriatus Beauv. A. I. Sp. El.
sordidus Lec. I. A.
foveicollis Har. I. B.
terrestris Say. I. Bl.
scaber Linn. A. I.
æqualis Say. I. Mv. Louisa Co. B.
 HOPLIA *Ill.*
trifasciata Say. I.
v. tristis Melsh. I.
modesta Hald. A. I. C. El.
 DICHELONYCHA *Kby.*
elongata Fabr. A. I. C. El.
subvittata Lec. I.
 MACRODACTYLUS *Lat.*
subspinosus Fabr. B. El.
 SERICA *MacL.*
vespertina Gyll. Ia.
sericea Ill. Ia.
 DIPLLOTAXIS *Kby.*
liberta Germ. A.
harperi Blanch. A.
frondicola Say. I. L. U.
 LACHNOSTERNA *Hope.*
longitarsus Say. A. I.
gibbosa Burm. A. I.
affinis Lec. A.
inversa Horn. A. I.
micans Knoch. I.
fusca Fröh. A. I. C. El.
grandis Smith. A. I.
arcuata Smith. El.
insperata Smith. A.
dubia Smith. A.
innominata Smith. A.
marginalis Lec. I.
spretæ Horn. I.
fraterna Harr. I.
v. forsteri Burm.
rugosa Melsh. I. C. Ch.
implicita Horn. I.
balia Say. A. I.
villifrons Lec. I.
ilicis Knoch. I. A. D.
crenulata Fröh. A. I. C. El.
quercus Knoch. A.
tristis Fabr. I.
 POLYPHYLLA *Harr.*
hammondi Lec. I.
 ANOMALA *Koepppe.*
binotata Gyll. A. I. C. Louisa Co. P.
minuta Burm. I.
 STRIGODERMA *Burm.*
arboricola Fabr. Ia.
 PELIDNOTA *MacL.*
punctata Linn. Ia.
 COTALPA *Burm.*
lanigera Linn. Ia.
 CYCLOCEPHALA *Latr.*
immaculata Oliv.
 CHALEPUS *MacL.*
trachypygus Burm. I. T.
 LIGYRUS *Burm.*
gibbosus DeG. Ia.
relictus Say. Ia.
 APHONUS *Lec.*
tridentatus Say. I. C. El.
 XYLORYCTES *Hope.*
satyrus Fabr. I. Franklin Co. Hp.
 EUPHORIA *Burm.*
fulgida Fabr. A. I. Wi.
inda Linn. Ia.
 CREMASTOCHILUS *Knoch.*
knochii Lec. A. I.
retractus Lec.
harrisii Kby. I.
 OSMODERMA *Lep.*
eremicola Knoch. A. I.
scabra Beauv. A.
 TRICHIUS *Fabr.*
piger Fabr. I. B.
affinis Gory. A. I. C. Dm. P.

SPONDYLIDÆ.

PARANDRA *Lat.**brunnea Fabr.* A. I. C. El.

CERAMBYCIDÆ.

ORTHOSOMA *Serv.**brunneum Forst.* A. I. Hp. Bl. Clinton.PRIONUS *Geoff.**imbricornis Linn.* A. I.*fissicornis Hald.* A.ASEMUM *Esch.**mæstum Hald.* A.CRIOCEPHALUS *Muls.**productus Lec.* A.*agrestis Kby.* I.*australis Lec.* A.SMODICUM *Hald.**cucujiforme Say.* I.PHYSOCNEMUM *Hald.**brevilineum Say.* A.HYLOTRUPES *Serv.**bajulus Linn.* A.*ligneus Fabr.* A. I.PHYMATODES *Muls.**amœnus Say.* I.*dimidiatus Kby.* A.*varius Fabr.* A. I. B.CALLIDIUM *Fabr.**æreum Newm.* B.*janthinum Lec.* I.CHION *Newm.**cinctus Dru.* A. Fx. I. C. B. Dm.EBURIA *Serv.**quadrigeminata Say.* A. I. B.ROMALEUM *White.**atomarium Dru.* I.*rufulum Hald.* A. I.ELAPHIDION *Serv.**mucronatum Fabr.* A.*incertum Newm.* I.*villosum Fabr.* A. I.*parallelum Fabr.* A. I.PSYRASSA *Bates.**unicolor Rand.* O. D. I. El.TYLONOTUS *Hald.**bimaculatus Hald.* A. R.OBRIUM *Serv.**rufulum Gahan.* A.MOLORCHUS *Fabr.**bimaculatus Say.* I.CALLIMOXYS *Kr.**sanguinicollis Oliv.* D.RHOPALOPHORA *Serv.**longipes Say.* A.PURPURICENUS *Serv.**humeralis Fabr.* A. I.BATYLE *Thoms.**suturalis Say.* A. I. B. Clear Lake. El.*ignicollis Say.* P.STENOSPHEENUS *Hald.**notatus Oliv.* A. I.CYLLENE *Newm.**caryæ Gahan.* Ia.*robinia Forst.* A. I. Ch.*decorus Oliv.* A. B. I. Clear Lake. Sp.

Fd. Hp.

PLAGIONOTUS *Muls.**speciosus Say.* A.CALLOIDES *Lec.**nobilis Say.* A. D. I. C. El.ARHOPALUS *Serv.**fulminans Fabr.* A. I. B. R. El.XYLOTRECHUS *Chev.**colonus Fabr.* Ia.*convergens Lec.**undulatus Say.* I.NEOCLYTUS *Thoms.**capræa Say.* I.*erythrocephalus Fabr.* A. I. C. B.MICROCLYTUS *Lec.**gazellula Hald.* El.CYRTOPHORUS *Lec.**verrucosus Oliv.* A.EUDERCES *Lec.**picipes Fabr.* A. I. B. W.DESMOCERUS *Serv.**palliatum Forst.* A.

- TOXOTUS* *Serv.*
schaumii *Lec.* I.
ACMÆOPS *Lec.*
bivittata *Say.* A. I. C.
v. nigripennis *Lec.* I.
v. varians *Lec.* I.
GAUROTUS *Lec.*
cyanipennis *Say.* A. I.
STRANGALIA *Serv.*
famelica *Newm.* A. D. I. El.
luteicornis *Fabr.* A. I.
strigosa *Newm.* Bl.
TYPOCERUS *Lec.*
badius *Newm.* I.
velutinus *Oliv.* I. El.
lugubris *Say.*
sinuatus *Newm.* A. I.
LEPTURA *Serv.*
americana *Hald.*
nitens *Forst.* A. El.
instabilis v. convexa *Lec.* Bl.
rubrica *Say.* A. I. B. El.
circumdata *Oliv.* El.
proxima *Say.* I.
vittata *Germ.* Ia.
pubera *Say.* I. Bl.
ruficollis *Say.* Bl.
PSENO CERUS *Lec.*
supernotatus *Say.* A. I. B.
MONOHAMMUS *Serv.*
titillator *Fabr.* I.
DORCASHEMA *Lec.*
alternatum *Say.* Fx. I.
nigrum *Say.* A. I.
HETÆMIS *Hald.*
cinerea *Oliv.* A.
GOES *Lec.*
pulehra *Hald.* Ames, in doubt.
debilis *Lec.* D. I.
tesselata *Hald.*
PLECTRODERA *Lec.*
scalator *Fabr.* I. S. Ep. P.
ACANTHODERES *Serv.*
decipiens *Hald.* A. I. Sp.
LEPTOSTYLUS *Lec.*
aculiferus *Say.* I. A. C.
macula *Say.* Masonville.
LIOPUS *Serv.*
variegatus *Hald.* A. I.
fascicularis *Harr.* A. I.
alpha *Say.* A. I. B.
cinereus *Lec.* I. B. W.
DECTES *Lec.*
spinosus *Say.* A. I. S. Dm.
LEPTURGES *Bates.*
symmetricus *Hald.* B. Bl.
v. angulatus *Lec.* I.
signatus *Lec.* I.
querci *Fitch.* Fx.
facetus *Say.* I.
HYPERPLATYS *Bates.*
aspersus *Say.* Fx. I.
maculatus *Hald.* D. I.
UROGRAPHIS *Horn.*
fasciatus *DeG.* A. I. B. T. El. Clinton.
ACANTHOCINUS *Steph.*
obsoletus *Oliv.* I.
POGONOCHERUS *Lat.*
mixtus *Hald.* B.
ECYRUS *Lec.*
dasycerus *Say.* I.
EUPOGONIUS *Lec.*
tomentosus *Hald.* A.
vestitus *Say.* I.
subarmatus *Lec.* I.
HIPPOPSIS *Serv.*
lemniscata *Fabr.* I.
SAPERDA *Fabr.*
calcarata *Say.* A. I.
candida *Fabr.* A. I.
cretata *Newm.* I. Charles City, Manchester.
vestita *Say.* A. I. Masonville.
discoidea *Fabr.* A.
tridentata *Oliv.* Ia.
lateralis *Fabr.* I.
puncticollis *Say.* I.
concolor *Lec.* I. Dm.
MECAS *Lec.*
inornata *Say.* A. Fx. I.

OBEREA *Muls.*

- schaumii* *Lec.* I.
tripunctata *Swed.* I.
v. flavipes *Hald.*
v. mandarina *Fabr.* I.
v. basalis *Lec.* Bl. I.

TETRAOPES *Serv.*

- canteriator* *Drap.* I.
tetraophthalmus *Forst.* Ia.
femoratus *Lec.* A. D.
v. basalis *Lec.* I.

AMPHIONYCHA *Lec.*

- flammata* *Newm.* I.

CHRYSOMELIDÆ.

DONACIA *Fabr.*

- hirticollis* *Kby.* I.
pubescens *Lec.* O.
cincticornis v. proxima *Kby.*
palmata *Oliv.* A.
hypoleuca v. rufescens *Lac.* Clear Lake.
piscatrix *Lac.* Jones Co.
subtilis *Kunze.* A. P.
æqualis *Say.* A. I. Bl.
distincta v. torosa *Lec.* I.
emarginata *Kby.* I. Monticello.
flavipes *Kby.* I.
rufa *Say.* I.

HÆMONIA *Lat.*

- nigricornis* *Kby.*

ORSODACHNA *Lat.*

- atra* *Ahr.* El.
v. childreni *Kby.* Bl.
v. trivittata *Lac.* I.
v. vittata *Say.* I.

SYNETA *Esch.*

- ferruginea* *Germ.* I.

LEMA *Fabr.*

- longipennis* *Linell.* I.
brunnicolis *Lac.* A. I. Bl. W.
collaris *Say.* B. I.
trilineata *Oliv.* A. I. Fd. P. E. L.

ANOMŒA *Lac.*

- laticlavata* *Forst.* Ia.

COSCINOPTERA *Lac.*

- dominicana* *Fabr.* D. Sp. I.

BABIA *Chev.*

- quadriguttata* *Oliv.* I. El.
v. pulla *Lec.* Monticello.

CHLAMYS *Knoch.*

- plicata* *Fabr.* A. I.
foveolata *Knoch.* I.

BASSAREUS *Hald.*

- congestus* *Fabr.* R. P.
mammifer *Newm.* I.
v. sellatus *Suffr.* I. El.
v. pretiosus *Melsh.* I.
v. luteipennis *Melsh.* I.
litturatus v. recurvus *Say.* I.

CRYPTOCEPHALUS *Geoff.*

- quadrimaculatus* *Say.* A. I.
quadruplex *Newm.* A. I. R.
guttulatus *Oliv.* A. I.
leucomelas *Suffr.* A. I. Ep. P.
venustus *Fabr.* A. I.
v. hamatus *Melsh.* I.
v. cinctipennis *Hald.* I.
v. simplex *Hald.* I.
gibbicollis *Hald.* Bl.
mutabilis *Melsh.* I. A. Fd. Dm.
tinctus *Lec.* A.

PACHYBRACHYS *Chev.*

- litigiosus* *Suffr.* I.
othonus *Say.* Fx. I. Cn.
viduatus *Fabr.* I. Ep. Sp. P.
intricatus *Suffr.* I.
tridens *Melsh.* A. Fx. I.
cælatus *Lec.* A. I.
carbonarius *Hald.* I.
luridus *Fabr.* A. El.
atomarius *Melsh.* A. I. Ep. R. Cn.
femoratus *Oliv.* E. I. Cn.
infaustus *Hald.* A.

MONACHUS *Chev.*

- saponatus* *Fabr.* I. W.

DIACHUS *Lec.*

- auratus* *Fabr.* I.
levis *Hald.* A. I.

ADOXUS *Kby.*

- obscurus* *Linn.* I.

FIDIA Baly.
viticida Walsh. I. S. Fd. Dm.
longipes Melsh. Ames, in doubt.

XANTHONIA Baly.
decemnotata Say. Ia.
villosula Melsh. I. El.

MYOCHROUS Er.
denticollis Say. Ep.

GLYPTOSCELIS Lec.
pubescens Fabr. D.

GRAPHOPS Lec.
pubescens Melsh. I.
curtipennis Melsh. A. I. P. W.
nebulosus Lec.

TYPOPHORUS Er.
canellus Fabr. Ia.
v. quadrinotatus Say. I.
v. quadriguttatus Lec. I. Ep.
v. sellatus Horn. R. Dm.
v. thoracicus Melsh. I.
v. gilvipes Horn. I. Ob.
v. aterrimus Oliv. I.
viridicyanea Cr. R.

METACHROMA Lec.
angustula Cr. E. I.
parallelum Horn. C. I. P.
interruptum Say. E.

CHRYSOCHUS Chev.
auratus Fabr. Ia.

COLASPIS Fabr.
brunnea Fabr. E. El.
v. flavida Say. A. I.
v. costipennis Cr. I. P.

RHABDAPTERUS Lef.
picipes Oliv. A. I. B. R. P.

NODONOTA Lef.
tristis Oliv. Fx. I. El.
convexa Say. I. C. Gravity. W.
puncticollis Say. Ia.

DORYPHORA Ill.
clivicollis Kby. A. Fx. I. P.
decemlineata Say. Ia.

CHRYSOMELA Linn.
exclamationis Fabr. A.
suturalis Fabr. A. I. B. O. El.
similis Rog. A. I. B. El. W.

præcelsis Rog. B. I. S. O.
elegans Oliv. Ia.
scalaris Lec. Ia.
multipunctata Say. I.
biggsbyana Kby. A. D. I.
pnirsa Stål. Ames, in doubt.
auripennis Say. A. I.

PLAGIODERA Redt.
viridis Melsh. I.

GASTROIDEA Hope.
polygoni Linn. Ia.
dissimilis Say. S.

LINA Meg.
lapponica Linn. Ia.
scripta Fabr. Ia.

PHYLLODECTA Kby.
vulgatissima Linn. I.

TRIRHABDA Lec.
canadensis Kby. Ia.

GALERUCELLA Cr.
americana Fabr. I. B.
cavicollis Lec. I. W.
notulata Fabr. I.
notata Fabr. A. I.
decora Say. I.
nymphææ Linn. O. Oskaloosa.

DIABROTICA Chev.
longicornis Say. Ia.
duodecimguttata Oliv. Ia.
vittata Fabr. Ia.
atripennis Say.
v. fossata Lec. I. L.

PHYLLOBROTICA Redt.
decorata Say. A. Fx. D.
limbata Fabr. A. I. Fx. Bl.

PHYLLECHTHRUS Lec.
gentilis v. nigripennis Lec. Bl.

LUPERODES Mots.
varicornis Lec. Armstrong.
cyanellus Lec. I.

GALERUCA Geoff.
externa Say. A. I.

CEROTOMA Chev.
trifurcata Forst. I. B. U. P.

BLEPHARIDA Rog.
rhois Forst. I. Fd. H.

HYPOLAMPSIS *Clark.*
pilosa *Ill.* I.

CE Dionychis *Lat.*
gibbitarsis *Say.* A. I. S.
thoracica *Fabr.* A. D. I.
vians *Ill.* A. I.
petaurista *Fabr.* I. Bl.
thyamoides *Cr.* Fx. I.
limbalis *Melsh.* I.
sexmaculata *Ill.* A. D.
quercata *Fabr.* A.

DISONYCHA *Chev.*
pennsylvanica *Ill.* I.
v. limbicollis *Lec.* I.
quinquevittata *Say.* Ia.
crenicollis *Say.* I. Bl.
abbreviata *Melsh.* A. I.
triangularis *Say.* A. I. C. P. El.
xanthomelæna *Dalm.* Ia.

HALTICA *Geoff.*
bimarginata *Say.* Ia.
chalybea *Ill.* A. I.
ignita *Ill.* I. E. Foster. Bl.
punctipennis *Lec.* I.
fuscoænea *Melsh.* I.

ORTHALTICA *Cr.*
copalina *Fabr.* I.

CREPIDODERA *Chev.*
rufipes *Linn.*
atriventris *Melsh.* I. B.
helxines *Linn.* Ia.

EPITRIX *Foud.*
fuscua *Cr.* Hamburg.
cucumeris *Harr.* Ia.

LUPERALTICA *Cr.*
fuscua *Lec.* I.

MANTURA *Steph.*
floridana *Cr.* I. B.

CHÆTOCNEMA *Steph.*
subcylindrica *Lec.* I.
denticulata *Ill.* I. L. Bl.
elongatula *Cr.* El.
parcepunctata *Cr.* I.
confinis *Cr.* C. I. B. El.

SYSTEMA *Chev.*
hudsonias *Forst.* I. El.

frontalis *Fabr.* A. I. B. Fd.
tæniata *Say.* Armstrong. I.
v. blanda *Melsh.* I.
marginalis *Ill.* A. I.

LONGITARSUS *Lat.*
turbatus *Horn.* I.
testaceus *Melsh.* I.
melanurus *Melsh.* I.

GLYPTINA *Lec.*
spuria *Lec.* I. Bl.

PHYLLOTRETA *Foud.*
armoraciæ *Koch.* B. Guttenberg
sinuata *Steph.* I. B. El.
vittata *Fabr.* Ia.
bipustulata *Fabr.* I. El.
lewisii *Cr.* I.
pieta *Say.* I.

DIBOLIA *Chev.*
borealis *Chev.* I. A.

PSYLLIODES *Lat.*
punctulata *Melsh.* A. I.

MICRORHOPALA *Baly.*
vittata *Fabr.* A. Dm.
excavata *Oliv.* A. I.
porcata *Melsh.* I.

ODONTOTA *Chev.*
scapularis *Oliv.* A. I.
dorsalis *Thunb.* P.
rubra *Web.* A. Dm. I.
nervosa *Panz.* Ia.

STENISPA *Baly.*
metallica *Fabr.* A. I. P.

PHYSONOTA *Boh.*
unipunctata *Say.* A. I. Fd.

CASSIDA *Linn.*
nigripes *Oliv.* I.
bivittata *Say.* A. I. El. Bl.

COPTOCYCLA *Chev.*
aurichalcea *Fabr.* A. I. T. P.
signifera *Hbst.* A. I. T. P. El.
purpurata *Boh.* A. I.
clavata *Fabr.* A. I.

CHELYMORPHA *Chev.*
argus *Licht.* A. I. S.

BRUCHIDÆ.

SPERMOPHAGUS *Sch.*
robiniae Sch. A. I. Bl.

BRUCHUS *Linn.*
pisorum Linn. Ia.
mimus Say. I. Bl.
bivulneratus Horn. A. E.

eruentatus Horn. I. P. Bl.
fraterculus Horn. I.
obtectus Say. Ia.
hibisci Oliv. Wi.
exiguus Horn. I. B. C. P.
seminulum Horn. Ames, in doubt.

TENEBRIONIDÆ.

ELEODES *Esch.*
suturalis Say. L.
tricostata Say. El. A. B. Lyon, Dick-
 inson, Emmet, and Woodbury Cos.

NYCTOBATES *Guér.*
pennsylvanica DeG. Ia.

MERINUS *Lec.*
lævis Oliv. I.

HAPLANDRUS *Lec.*
femoratus Lec. I.

SCOTOBATES *Horn.*
calcaratus Fabr. I.

XYLOPINUS *Lec.*
saperdioides Oliv. I. W.

TENEBRIO *Linn.*
obscurus Fabr. Ia.
molitor Linn. Ia.
tenebrioides Beauv. Ia.

IDIOBATES *Csy.*
castaneus Knoch. E.

BLAPSTINUS *Lat.*
mæstus Melsh. A. Ob.
interruptus Say. I. A. El.
metallicus Fabr. I. B. C. W.

TRIBOLIUM *MacL.*
ferrugineum Fabr. I.
confusum Duv. I.

DICEDUS *Lec.*
punctatus Lec. I.

ULOMA *Lap.*
impressa Melsh. A. I.
mentalis Horn. I.
imberbis Lec. I.

PARATENETUS *Spin.*
fuscus Lec. A. I. B.

DIAPERIS *Geoff.*
hydni Fabr. Ia.

ARRHENOPLITA *Kby.*
viridipennis Fabr. I. C. P.
bicornis Oliv. Ia.

PLATYDEMA *Lap.*
excavatum Say. A. I. El.
ruficornis Sturm. A. I. U. P. Bl.
americanum Lap. D. I.
picilabrum Melsh. I.
subcostatum Lap. I.

PHYLETHUS *Meg.*
bifasciatus Say. I.

BOLETOTHERUS *Cand.*
bifureus Fabr. A. I.

MERACANTHA *Kby.*
contracta Beauv. A. I.

STRONGYLUM *Kby.*
tenuicolle Say. I. B.

CISTELIDÆ.

HYMENORUS *Muls.*
pilosus Melsh. I.
curticollis Csy.

obscurus Say. A. I.
 MYCETOCHARA *Berth.*
fraterna Say. I.
megalops Csy. I.

foveata Lec.
binotata Say. El.

ISOMIRA *Muls.*
iowensis Csy.
sericea Say. I. El.

ANDROCHIRUS *Lec.*
erythropus Kby. A. I.

LAGRIIDÆ.

ARTHROMACRA *Kby.*
ænea Say. A. I.

STATIRA *Lat.*
gagatina Melsh. I.

MELANDRYIDÆ.

TETRATOMA *Fabr.*
truncorum Lec. I.
 PENTHE *Newm.*
obliquata Fabr. A. I. El.
pimelia Fabr. I.

SYNCHROA *Newm.*
punctata Newm. I. El.

MELANDRYA *Fabr.*
striata Say. I. A.

ENCHODES *Lec.*
sericea Hald. C. I.

PHLÆOTRYA *Steph.*
liturata Lec. A. I.

SYMPHORA *Lec.*
flavicollis Hald. I.

EUSTROPHUS *Ill.*
repandus Horn. I.

bicolor Say. A. I. P. W.
confinis Lec. Ames, in doubt.
tomentosus Say. I. Atwood.

HOLOSTROPHUS *Horn.*
bifasciatus Say. I.

HALLOMENUS *Panz.*
scapularis Melsh. I.
punctulatus Lec. B.

ORCHESIA *Lat.*
castanea Melsh. I.
gracilis Melsh. I.

CANIFA *Lec.*
plagiata Melsh. I.

NOTHUS *Oliv.*
varians Lec. I.

CÆDEMERIDÆ.

NACERDES *Schm.*
melanura Linn. I.
 ASCLERA *Schm.*
puncticollis Say. I. A.

ruficollis Say. A. I.
 OXACIS *Lec.*
cana Lec. I. A. Ep.

MORDELLIDÆ.

PENTARIA *Muls.*
trifasciata Melsh. I.
 TOMOXIA *Costa.*
tridentata Say. A. I.
lineella Lec. I.

MORDELLA *Linn.*
scutellaris Fabr. I. R. El.
octopunctata Fabr. A. C. I.
marginata Melsh. A. I. B.
serval Say. A. I.
oculata Say. A. H. I. R.
discoidea Melsh. A. I.

MORDELLISTENA *Costa.*
trifasciata Say. Bl.
lepidula Lec. I.

limbalis Melsh. A. I.
vapida Lec. I.
ornata Melsh. A. I.
scapularis Say. I. El.
comata Lec. A. I.
aspersa Melsh. A.
ustulata Lec. A.
semiusta Lec. I.
nigricans Melsh. I. Cn.
splendens Smith. A.
unicolor Lec. I.
marginalis Say. A.
pubescens Fabr. I.
æmula Lec. D.

ANTHICIDÆ.

STEREOPALPUS *Laf.*
mellyi Laf. I.

CORPHYRA *Say.*
elegans Hentz. A. El.
fulvipes Newm. El.
pulchra Lec. I. El.
labiata Say. Fx. I.
lugubris Say. Fx. I. B.

MACRATRIA *Newm.*
murina Fabr. I. Gravity. R.

TOMODERUS *Laf.*
interruptus Laf. I.
constrictus Say. I.

MALPORUS *Csy.*
formicarius Laf. A. I. El.
cinctus Say. I.
properus Csy. K.

HEMANTUS *Csy.*
floralis Linn. Ia.

ANTHICUS *Payk.*
ephippium Laf. I.

cervinus Laf. A. I. O. P. El.
lutulentus Csy. I.
saucius Csy. K.
melancholicus Laf. I.

SAPINTUS *Csy.*
pubescens Lec. I.
rusticus Csy. K.
fulvipes Laf. I.
festinans Csy.

NOTOXUS *Geoff.*
anchora Hentz. Ia.
monodon Fabr. D. I.
talpa Laf. P.

MECYNOTARSUS *Laf.*
candidus Lec.

EMELINUS *Csy.*
melsheimeri Lec. McGregor.

ZONANTES *Csy.*
tricuspis Csy. I.

PYROCHROIDÆ.

PYROCHROA *Geoff.*
flabellata Fabr. A. I. C. Bl.
femoralis Lec. I. Bl.

DENDROIDES *Lat.*
canadensis Lat. I. Bl.

MELOIDÆ.

MELOE *Linn.*
angusticollis Say. I. Fd.
americanus Leach. A. I.

HENOUS *Hald.*
confertus Say. A.

NEMOGNATHA *Ill.*
vittigera Lec. A. I.
cribricollis Lec. I.

ZONITIS *Fabr.*
bilineata Say.

MACROBASIS *Lec.*
unicolor Kby. Ia.

EPICAUTA *Redt.*
trichrus Pall. Ia.
sericans Lec. El.
maculata Say. Sp.
vittata Fabr. Ia.
cinerea Forst. Ia.
pennsylvanica DeG. Ia.

PYROTA *Lec.*
terminata Lec. H. I.

CANTHARIS *Linn.*
nuttalli Say. Fd.

RHIPIPHORIDÆ.

RHIPIPHORUS *Fabr.*
flavipennis Lec. I.
dimidiatus Fabr. I.
limbatus Fabr. A. I. Cn.

MYODITES *Lat.*
fasciatus Say. I.
v. stylopides Newm. I.

RHYNCHITIDÆ.

EUGNAMPTUS *Sch.*
angustatus *Hbst.* Fx. I.
collaris *Fabr.* I.

RHYNCHITES *Hbst.*
bicolor *Fabr.* Ia.

aneus *Boh.* A. I. P.
PTEROCOLUS *Sch.*
ovatus *Fabr.* I. El.

ATTELABIDÆ.

ATTELABUS *Linn.*
nigripes *Lec.* I.

rhois *Boh.* I.

OTIORHYNCHIDÆ.

EPICÆRUS *Sch.*
imbricatus *Say.* A. I. El.
HORMORUS *Horn.*
undulatus *Uhler.*

ANAMETIS *Horn.*
grisea *Horn.* I. El. P.

NOCHELES *Horn.*
æqualis *Horn.* A. I.

PHYXELIS *Sch.*
rigidus *Say.* I. El.

OTIORHYNCHUS *Germ.*
ovatus *Linn.* I. B.

CERCOPEUS *Sch.*
chrysorhæus *Say.* I.
TANYMECUS *Sch.*
confertus *Gyll.* Ia.
PANDELETEJUS *Sch.*
hilaris *Hbst.* I.
ARAMIGUS *Horn.*
fulleri *Horn.* I.
APHRASTUS *Sch.*
tæniatus *Gyll.* I.

CURCULIONIDÆ.

SITONES *Sch.*
flavescens *Marsh.* A. I. W.
tibialis *Hbst.* A. I.

ITHYCERUS *Sch.*
noveboracensis *Forst.* A. I.

APION *Hbst.*
erraticum *Smith.* I.
impunctistriatum *Smith.* I.
melanarium *Gerst.* B. I.
floridanum *Smith.*

robustum *Smith.* Fx. I.
pennsylvanicum *Boh.* I.
walshii *Smith.* I.
minor *Smith.* I.
griseum *Smith.* I. B.
rostrum *Say.* A.
nigrum *Hbst.* A.
decoloratum *Smith.* I.

PHYTONOMUS *Sch.*
comptus *Say.* A. I. El.

eximius *Lec.* I.
LISTRONOTUS *Jek.*
sordidus *Gyll.* A.
tuberosus *Lec.* I.
callosus *Lec.* A. El.
inæqualipennis *Boh.* Bl.
caudatus *Say.* A. I. Hp.
appendiculatus *Boh.* I.
nebulosus *Lec.* A. Fx.
frontalis *Lec.* A.
latiuseculus *Boh.* A. I. Bl.

HYPERODES *Jek.*
soluta *Boh.* I.
indistincta *Dietz.* Fx. I.
delumbis *Gyll.* I. A.
sparsa *Say.* A. I.
vitticollis *Kby.* I.
humilis *Gyll.* A. C.
porcella *Say.* I.

LIXUS *Fabr.*
marginatus *Say.*

musculus Say. A. I.
concavus Say. A. I. Fd.
mucoidus Lec. A. I.
macer Lec. A. I.
terminalis Lec. A. Fx. I. P. El. Bl.

STEPHANOCLEONUS Mots.

plumbeus Lec.

DORYTOMUS Steph.

mucoidus Say. D. I.
laticollis Lec. A. I.
indifferens Csy.
fusciceps Csy.

GRYPIDIUS Sch.

equiseti Fabr. I.

NOTARIS Germ.

puncticollis Lec. Sp.

SMICRONYX Sch.

constrictus Say.
discoideus Lec. A. I.
amœnus Say. A. I.
ovipennis Lec. I.
scalpticollis Csy.
fiducialis Csy.
perfidus Dietz.

PHYLLOTROX Sch.

ferrugineus Lec. I.

ONYCHYLIS Lec.

nigrirostris Boh. I.

ENDALUS Lap.

limatulus Gyll. A. I.

TANYSPHYRUS Sch.

lemnæ Fabr. I.

ANCHODEMUS Lec.

angustus Lec. I.

LISSORHOPTRUS Lec.

simplex Say. Fx.

BAGOUS Germ.

obliquus Lec. I.
restrictus Lec. I.
bituberosus Lec. I.

OTIDOCEPHALUS Chev.

myrmex Hbst. I.
chevrolatii Horn. I. Fx.

OOPTERINUS Csy.

perforatus Horn. I.

MAGDALIS Germ.

perforata Horn. A.
olyra Hbst. A. I.
pandura Say. A. I.
armicollis Say. A. I.
pallida Say. A. I.

TACHYPTERUS Dietz.

quadrigibbus Say. A. I.

ANTHONOMUS Germ.

scutellatus Lec. A. I.
profundus Lec. Fx. I.
bolteri Dietz. I.
sycophanta Walsh. I.
suturalis Lec. A. I.
flavicornis Boh. Fx.
corvulus Lec. I.
subguttatus Dietz.
musculus Say. Fx. I.
scutellatus Gyll. A. I.
squamosus Lec. A.
rufipes Lec.
nubilus Lec. I.
decipiens Lec. A. I.

ANTHONOMOPSIS Dietz.

mixtus Lec. I.

PSEUDANTHONOMUS Dietz.

eratægi Walsh. Fx. I. El.
facetus Dietz.

ELLESCHUS Steph.

ephippiatus Say. I. P.

ORCHESTES Ill.

ephippiatus Say. I. P.
pallicornis Say. I. P. El.

PIAZORHINUS Sch.

scutellaris Say. I.

THYSANOCNEMIS Lec.

fraxini Lec. I.

TYCHIUS Sch.

sordidus Lec.

GYMNETRON Sch.

teter Fabr. A. Fx. I.

CONOTRACHELUS Sch.

nenuphar Hbst. Ia.
seniculus Lec. El. I.
nivosus Lec. A.

cratægi Walsh. A. Fx. I.

posticatus Boh. I.

geminatus Lec. I.

anaglypticus Say. I. A.

RHYSSOMATUS Chev.

lineaticollis Say. A. I. Fx. C. El. P.

æqualis Horn. I.

EURHOPTUS Lec.

pyriformis Lec. I.

TYLODERMA Say.

foveolatum Say. A. I. El.

fragariæ Riley. I.

æreum Say. A. I. El.

CRYPTORHYNCHUS Ill.

parochus Hbst. A.

bisignatus Say. A. I.

obliquus Say. I.

tristis Lec. I.

LECHRIOPS Sch.

oculatus Say. I.

CYLINDROCOPTURUS Heller.

quereus Say. Fx. I.

ACOPTUS Lec.

suturalis Lec. El.

MONONYCHUS Germ.

vulpeculus Fabr. I.

AULEUTES Dietz.

asper Lec.

CEUTHORHYNCHUS Germ.

rapæ Gyll. I. B. El.

sericans Lec.

suleipennis Lec. A.

cyanipennis Germ. I. B. El.

squamatus Lec.

CEUTHORHYNCHIDIUS Duv.

puberulus Lec. I.

zimmermanni Gyll. I.

PERIGASTER Dietz.

cretura Hbst. A. I.

PELENOMUS Thoms.

sulcicollis Fabr.

squamosus Lec. I.

MECOPELTUS Dietz.

fuliginosus Dietz. C.

RHINONCUS Sch.

occidentalis Dietz. A. I.

pyrrhopus Lec. I. P.

BARIS Germ.

striata Say. Dm. I. Bl.

umbilicata Lec. I.

transversa Say. A. I.

dolosa Csy.

deformis Csy. I.

confinis Lec. I.

ONYCHOBARIS Lec.

pectorosa Lec. A. I.

MADARELLUS Csy.

undulatus Say. A. I.

AULOBARIS Lec.

ibis Lec. A. I.

PSEUDOBARIS Lec.

fareta Lec. I.

angusta Lec.

nigrina Say. Fx. I.

TRICHOBARIS Lec.

trinotata Say. A. I.

GERÆUS Pasc.

lævirostris Lec. B.

picumnus Hbst. I.

perseitus Hbst. I.

penicellus Hbst. A.

falsus Lec.

ODONTOCORYNUS Sch.

scutellumalbum Say. A. I.

NICENTRUS Csy.

ingenuus Csy. I.

LIMNOBARIS Bedel.

deplanata Csy. K. I.

confinis Lec.

rectirostris Lec. I.

prolixa Lec. I. P.

IDIOSTETHUS Csy.

tubulatus Say.

ellipsoideus Csy.

OOMORPHIDIUS Csy.

erasus Lec. H.

CATAPASTUS Csy.

conspersus Lec.

BARINUS Csy.

squamolineatus Csy. B.

BARILEPTON Lec.

cribricolle Lec. A.

lineare *Lec.* I.

PLOCAMUS Lec.

echidna *Lec.*

BALANINUS Germ.

nasicus *Say.* A. I. El.

baculi *Chitt.* O.

rectus *Say.* A. I. El.

BRENTHIDÆ.

EUPSALIS Lec.

minuta *Dru.* A. I. C. El.

CALANDRIDÆ.

RHODOBÆNUS Lec.

tredecimpunctatus *Ill.* Ia.

SPHENOPHORUS Sch.

ochreus *Lec.* A. I. P.

pertinax *Oliv.* A. I. El.

costipennis *Horn.* I.

striatipennis *Chitt.* Sp.

zeæ *Walsh.* A. I.

soltai *Chitt.* I.

scoparius *Horn.* A.

melanocephalus *Fabr.* El. D. I.

sayi *Gyll.* A.

setiger *Chitt.*

placidus *Say.* A. I.

parvulus *Gyll.* A. I. P. Ob.

retusus *Gyll.* A.

CALANDRA Clairv.

oryzæ *Linn.* A. I.

granaria *Linn.* A. I.

DRYOPHOTHORUS Sch.

corticalis *Say.* I.

COSSONUS Clairv.

platalea *Say.* A.

subareatus *Boh.* E.

SCOLYTIDÆ.

MONARTHURUS Kirsch.

mali *Fitch.* I.

PITYOPHOTHORUS Eich.

minutissimus *Zimm.* I.

puberulus *Lec.* Bl.

XYLOTERUS Er.

retusus *Lec.* I.

XYLEBORUS Eich.

celsus *Eich.* I.

pubescens *Zimm.* I.

TOMICUS Lat.

pini *Say.* Iowa City, in doubt.

SCOLYTUS Geoff.

quadrispinosus *Say.* I.

CHRAMESUS Lec.

icoriæ *Lec.* I.

PHLÆOTRIBUS Latr.

liminaris *Harr.* I.

frontalis *Oliv.* Bl.

HYLESINUS Fabr.

aculeatus *Say.* A. I. Bl.

opaculus *Lec.* I.

ANTHRIBIDÆ.

HORMISCUS Waterh.

saltator *Lec.* I.

PIEZOCORYNUS Sch.

mæstus *Lec.* I.

CRATOPARIS Sch.

lunatus *Fabr.* Ia.

BRACHYTARSUS Sch.

plumbeus *Lec.* I.

variegatus *Say.* I. P. Bl.

The total number of names recorded in this catalogue is 2065, distributed as follows, in 70 families:

Cicindelidæ	22	Throscidæ	4
Carabidæ	271	Buprestidæ	31
Halipidæ	5	Lampyridæ	47
Dytiscidæ	42	Malachidæ	7
Gyrinidæ	9	Cleridæ	21
Hydrophilidæ	37	Ptinidæ	18
Leptinidæ	1	Bostrychidæ	10
Silphidæ	25	Lyetidæ	3
Scydmænidæ	38	Cupesidæ	1
Pselaphidæ	70	Cioidæ	4
Staphylinidæ	230	Sphindidæ	2
Trichopterygidæ	2	Lucanidæ	7
Scaphidiidæ	11	Scarabæidæ	103
Phalacridæ	6	Spondylidæ	1
Corylophidæ	8	Cerambycidæ	122
Coccinellidæ	38	Chrysomelidæ	193
Endomychidæ	8	Bruchidæ	10
Erotylidæ	18	Tenebrionidæ	33
Colydiidæ	9	Cistelidæ	10
Rhyssodidæ	1	Lagriidæ	2
Cucujidæ	15	Melandryidæ	19
Cryptophagidæ	16	Edemeridæ	4
Mycetophagidæ	8	Mordellidæ	25
Dermetidæ	19	Anthicidæ	28
Histeridæ	40	Pyrochroidæ	3
Nitidulidæ	28	Meloidæ	15
Lathridiidæ	16	Rhipiphoridæ	5
Trogositidæ	10	Rhynchitidæ	5
Derodontidæ	1	Attelabidæ	2
Byrrhidæ	4	Otiorhynchidæ	11
Parnidæ	8	Curculionidæ	165
Heteroceridæ	7	Brenthidæ	1
Dascyllidæ	9	Calandridæ	19
Rhipiceridæ	1	Scolytidæ	13
Elateridæ	83	Anthribidæ	5



Wickham, H. F. 1909. "A list of the Coleoptera of Iowa." *Bulletin from the laboratories of natural history of the State University of Iowa* 6, 1-40.

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