

FOURTH
SUPPLEMENT
1933 to 1938 (inclusive)

to

THE LENG CATALOGUE

of

COLEOPTERA

of

AMERICA, NORTH OF MEXICO

By
RICHARD E. BLACKWELDER
Assistant Curator
in charge of
Coleoptera
AMERICAN MUSEUM OF NATURAL HISTORY



Mount Vernon, N. Y.
JOHN D. SHERMAN, JR.

December
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Mount Vernon
New York

Printed in the United States of America
by
THE FREYBOURG PRINTING CO.
Mount Vernon, N. Y.



INTRODUCTION

This fourth supplement to Mr. Leng's catalog of North American Coleoptera is offered by the compiler and by the publisher with the hope that it may help to alleviate a condition which has led to a widespread desire for a complete new catalog. Since there appears to be little chance of financing such a new catalog in the near future, it has been thought worth while to prepare another supplement which would fill some of the more obvious needs.

It is probable that a great many entomologists have no conception of the amount of work involved in the preparation of a bibliographic catalog for publication. The writer, when he undertook the present task, anticipated at most a two or three month job. Work was started about the first of March and has occupied most of the compiler's time continuously till the middle of October. It is doubtful if the work could have been undertaken if it had been known that it would involve such an outlay in time and study.

Although this supplement includes many changes in make-up from that followed in the previous supplements (as will be explained below), it has been the endeavor of the compiler to make it as useful as possible in connection with the original catalog and the other supplements. Although Mr. Leng has not had an active part in this work, all proposed changes in procedure have been examined by him and do, I believe, have his complete approval.

In my opinion it is due principally to the excellence of the original catalog that it is possible to issue supplements which can give any satisfaction. Few coleopterists have contributed so largely to the work of all their colleagues as Mr. Leng, and few large works have been so completely constructive in their nature or so universally indispensable as the "Leng Catalog".

It would seem to be axiomatic that the fourth of a series of supplements should conform in procedure and treatment with the previous parts. In spite of this a glance at the present work will suffice to show that it departs widely from the other supplements. The reasons for these changes are outlined below.

The primary cause of changes in make-up of the supplement was the desire to save space. The complete division of the page into

two columns and the omission of numbers have together increased the space available by twenty to thirty percent. The first of these changes will scarcely be noticed by users of the catalog. The second may meet with disapproval of some, but in its defense may be mentioned the substantial amount of space saved which has been used for the inclusion of revisionary studies.

The second important departure from the previous supplements is in the matter of authorities for new synonyms, records, and other changes. It has been felt that a summary of the compiler's opinions on the status of species and classifications (such as the original catalog properly included to some extent) was of less interest in the supplement than an accurate reporting of what has been published during the last six years and who published it. Accordingly nearly every new proposal is accompanied by a citation to the author of that proposal.

It has been the aim of the compiler to include all new species described up to January, 1939, all synonymy proposed up to the time the manuscript was completed (about September 1, 1939), all new records for North America with synonyms, all contributions to the classification of beetles, and all revisionary studies, whether of families, genera, or groups of species.

Bibliographic references are made as in the catalog by giving the author, date, and page. An indication of distribution is given. Italics have been used always for synonyms, and generic synonyms are in addition placed in parenthesis. Names which were proposed for categories less than species are preceded by a letter denoting the category assigned to them by the writer quoted. These are arranged in indented form to emphasize their status lower than species.

For the first time subgenera are definitely indicated as such. These names are strongly indented and are printed in Roman capitals. Space considerations prevented the insertion of the word subgenus or an abbreviation in these cases, but once the system of type faces is understood, there should be no difficulty. Bold-face is used always for genera, italics for synonyms, and capitals for subgenera. (In the Carabidæ only there have recently been proposed some names for "sections" within certain subgenera. These have been printed in small capitals and still more indented than the subgenera.)

Two uses are made of the asterisk (*). Wherever there has been recently published a presumably complete revision of a genus, an asterisk is placed at the left hand margin immediately below the generic name. Any other items which were not included in the revision are separated from the latter by a row of three as-

terisks. Thus the three asterisks always denote the end of a revision or of a subgenus, or of a special rearrangement of genera as mentioned in a footnote.

One of the characteristics of human endeavor is the occasional mistake that is almost inevitably to be found. The most concentrated effort will not prevent a few errors from marring any work. These are generally taken for granted and are scarcely noticed unless they are present in unusual numbers. While examining the sources of the present compilation, the writer was forced to the conclusion that an entirely disproportionate number of the errors in our taxonomic papers on beetles has been made by a relatively small number of workers. For the most part these are errors due to carelessness or indifference, and they usually result from failure to ascertain all the facts or from one's being in too great a hurry to get papers published. A few of these are mentioned in footnotes in the text. Among the more common and very unfortunate errors may be mentioned the following: The renaming of preoccupied genera and species for which there was already one or more available names; failure to give the author of a homonym an opportunity to rename it; changing the name of a genus or species because of page precedence; citing a synonym in parenthesis between the generic and specific names, as *Mylabris (Bruchus) atomus*, where *Bruchus* is not used as a subgenus; failure to follow the Rules strictly in the matter of accepting or correcting the original spelling of names; and extreme carelessness in giving references to older species and in the spelling of the names themselves.

Most of these errors have been copied into the supplement without specific comment, but attention is directed to some by footnotes. In most cases in which there have been changes made by the compiler, this fact is indicated. But in general responsibility and authority for all items are placed directly back on the entomologist who published them. An exception to this statement must be noted in the matter of the bibliographic references. Many of these have been corrected by independent study, and wherever there was a discrepancy the original catalog has been followed (unless ample reasons have been published for the change).

Many of the entomologists whose recent work is included in this supplement were kind enough to check the preliminary lists of their publications. One hundred and one such lists were sent out, and about 85 were returned with the necessary additions or corrections. Many important oversights were thus corrected, and many new items were contributed by these workers from their own studies. Grateful acknowledgment is made to all these friends.

SIGNS AND ABBREVIATIONS

* indicates a revision of the genus (or other group).

*** indicates the end of a revision or of a subgenus.

[before locality indicates that it applies to line above.

a. aberration.

n. natio, used by Breuning as a category between subspecies and aberration.

s. subspecies.

v. variety.

FOURTH SUPPLEMENT TO CATALOGUE OF COLEOPTERA OF AMERICA, NORTH OF MEXICO

ADDITIONS AND CORRECTIONS TO DECEMBER 31, 1938

CICINDELIDÆ

Omus

- humeroplanatus W. Horn 10-263
 Loc. should be Del Norte Co., Cal.¹
 submetallicus G.Horn 68-129
 s.niger Cazier 37-94 Cal.

Megacephala Latr. 02-79

- TETRACHA Hope 38-6²
 affinis Dej. 25-12
 s.angustata Chev. 41-55 C.A. Tex.²
 virginica Linn. 66-657
 v.melæna Cartw. 35-70 S.C. Va.

Cicindela

- purpurea Oliv. 90-14 E.U.S.-Sierras
 marginalis Fabr. 01-240³
 spreta Lec. 57-37 (not Lec. 1848)³
 s.auduboni Lec. 45-207 (in part)³
 Ill.-Ut.-Alb.-Minn.
 graminea Schp. 83-89 (in part)³
 v.lauta Csy. 97-296³ Ore. Cal.
 franciscana Csy. 13-23³
 graminea Schp. 83-89 (in part)³
 v.mirabilis Csy. 14-358^{3,4}
 v.nigerrima Leng 18-139³
 Mass.-N.M.-Mont.
 auduboni Lec. 45-207 (in part)³
 cimarrona Lec. 68-49³
 N.M. Colo. Ariz. Ut.
 v.sedalia Smyth 33-201^{3,4} Colo. (Ore.)

- limbalis Klug 34-39³ Mass.-Ky.-Kan.-
 amoena Lec. 48-177³ [Alb.
 splendida || Lec. 57-36³
 militaris Varas 28-242³
 s.limbalis (s.str.)³
 v.spretæ Lec. 48-177³
 v.transversa Leng 02-131³
 Kan. Mo. D.C. N.J.
 s.awemeana Csy. 13-23³ Man.
 v.eldorensis Csy. 13-23³ Ore.
 s.auguralis Csy. 13-21³ Colo. N.M.
 inducta Csy. 13-22³
 ardelio Csy. 13-21³
 splendida Hentz 30-254^{3,4} N.C.-Ark.-
 discus Klug 34-23³ [Colo.-Neb.
 s.splendida (s.str.)
 v.cyanocephala Varas 29-239³
 Neb. Kan.
 amoena of Harris 11-8³
 s.denverensis Csy. 97-297³ Colo. Neb.
 graminea of Csy. 13-21³ [Kan.
 v.conquisita Csy. 14-357^{3,4} Neb.Colo.
 oreada Csy. 14-358^{3,4}
 plattensis Smyth 33-202^{3,4}
 v.pugetana Csy. 14-20³
 B.C.-Wash.-Mont.-Wyo.
 v.propinqua Knaus 22-194³ Nev.Cal.
 arida A. C. Davis 28-65³
 v.ludoviciana Leng 02-131³ Ark. La.
 decemnotata Say 17-19³ Alas.-Cal.-
 lantzi Harris 13-68³ [Alb.-Kan.
 albertina Csy. 13-24³
 * * *
 plutonica Csy. 97-296
 s.leachi Cazier 36-124 Cal.
 senilis Horn 66-395 Cal.
 exoleta Csy. 09-272⁵
 frosti Varas 27-174⁵

¹ Nunenmacher in litt.

² Darlington—35.

³ Nicolay in litt.

⁴ Nicolay—34.

⁵ Cazier—37.

- willistoni Lec. 79-507 Wyo.
 s.echo Csy. 97-298⁵ Ut. Cal. Nev.
amadensis Csy. 09-272⁵
 s.pseudosenilis W. Horn 00-117⁵ Cal. Nev.
 s.spaldingi Csy. 24-14⁵ Ut.
 fulgida Say 23-141 Neb.-N.M.-Wyo.
wallisi Calder 22-191⁵
azurra Calder 22-62⁵
 s.westbournei Calder 22-62⁵ Man.
elegans || Calder 22-62⁵
 v.subnitens Calder 22-62⁵ Neb.
 s.pseudo-willistoni W.Horn 33-13⁶ Wy.
 parowana Wickh. 65-165 Ut. Wash.
remittens Csy. 24-14⁵
platti Cazier 37-161^{5,7} Cal.
 sexguttata Fabr. 75-226
 s.denikei Brown 34-22 Ont.
 politula Lec. 75-159
 s.laticipennis W.Horn 14-32⁸ Mex. Tex.
 viridisticta Bates 81-14
 s.arizonensis Bates 84-260⁹ Ariz. Mex.
 cursitans Lec. 57-60
alata Lilj. 32-215⁹
 pusilla Say 17-21
 s.lunalonga Schp. 83-122⁵
 v.wagneri Cazier 37-117⁵ Cal.
 californica Men. 44-52
 s.mojavi Cazier 37-116 Cal.

CARABIDÆ

- Trachypachus** Mots. 45-86
 (*Trachypachys* G. & H. 68-46)¹⁰
 (*Trachypachis* Lac. 54-47)¹⁰
 zetterstedti (Gyll.) 27-417 Holarctic
transversicollis Mots. 44-86¹⁰
laticollis Mots. 64-194¹⁰
inermis Mots. 64-194^{10,11}
holmbergi Mannh. 53-119¹⁰
oregonus Csy. 20-145¹⁰
specularis Csy. 20-146¹⁰

* * *

CYCHRINI¹²

- Scaphinotus** Latr. 22-87³
 IRICHRONA Newm. 38-385
 (*Megaliridia* Csy. 20-175)¹²
 andrewsii Harris 39-195
 s.andrewsii Harr (s.str.)¹² N.C. Tenn.
 s.aeneicollis Beut. 03-513¹² N.C. Tenn.
purpurata Beut. 18-89¹²
 v.tricarinata Csy. 14-25¹²
 s.violacea Lec. 63-4¹² Ga. N.C.
amplicollis Csy. 20-174¹²
 s.germari Chd. 61-495¹² Pa. Va. Tenn.
mutabilis Csy. 20-173¹²
longicollis Csy. 20-173¹²
modulata Csy. 20-174¹²

³ Nicolay in litt.⁵ Cazier—37.⁶ W. Horn—38.⁷ Cited as subspecies by Cazier—37.⁸ Benedict—34.⁹ W. Horn—35.¹⁰ Hatch—33.¹¹ Listed as valid by Csiki & Hetschko—33.

- guyoti Lec. 66-363 N.C.
 v.angelli Beut. 18-89¹²
 ridingsi Bland. 63-353
 s.ridingsi (s.str.)¹² Va. D.C.
 s.monongahelæ Leng. 17-36¹² Pa. Ten.
tenniceps Csy. 20-173¹²
 vidua Dej. 26-12
 s.leonardi Harris 39-193¹² N.Allegh.
 s.vidua (s.str.)¹² Allegh.
unicolor Knoch 01-187¹²
 s.irregularis Beut. 03-513¹² N.C.
 SCAPHINOTUS (s.str.)¹²
 snowi Lec. 81-74 N.M.
 rœschkei VanD. 07-118 Ariz.
 fuchsi Rœsch. 07-570 Ariz.
 vandykei Rœsch. 07-136 Ariz.
 corvus Fall 10-89 Ariz.
 petersi Rœsch. 07-118 Ariz.
 mexicanus Bates 82-320 Ariz. Mex.
 kelloggi Dury 12-104 N.M.
 biedermanni Rœsch. 07-571 Ariz.
 elevatus Fabr. 87-198
 s.elevatus (s.str.)¹² E.U.S.
 s.tenebricosus Rœsch. 07-119¹² E.U.S.
unicolor || Lec. 53-398¹²
heros Lec. 48-440¹²
 s.flammeus Hald. 44-54¹² S.U.S.
dilatatus Lec. 53-398¹² [C.U.S.
 s.floridanus Leng 15-564¹² Fla.
 coloradensis VanD. 07-141 Colo.
 unicolor Fabr. 87-193
 s.unicolor (s.str.)¹² C.U.S.
 s.heros Harris 39-196¹² O. Ind.
 s.shoemakeri Leng 14-143¹² D.C.

Brennus Mots. 65-311¹²

* BRENNUS (s.str.)

- cordatus Lec. 53-399 Cal.
 v.vernicatus Csy. 20-183¹²
 v.rufitarsis Csy. 20-184¹²
 marginatus Fisch. 22-79
 s.marginatus (s.str.)¹² Alas. B.C. Wash.
 v.gracilis Gehin 85-76¹²
 v.insularis Csy. 97-334¹²
 v.cupripennis Csy. 97-334¹²
 v.confusus Csy. 97-336¹²
 v.wrangeli Csy. 20-182¹²
 s.fulleri Horn 78-178¹² Ore.
 v.fallax Rœsch. 07-174¹²
 v.montanicus Csy. 20-182¹²
 s.columbianus Csy. 20-180¹² B.C.
 s.oregonus Csy. 20-182¹² Ore.
 interruptus Men. 44-54
 s.interruptus (s. str.)¹² Cal.
simatus Csy. 97-330¹²
 s.compositus Csy. 97-332¹² Cal.
 s.constrictus Lec. 53-398¹² Cal.
interruptus Lec. 63-60¹²
dissolutus Csy. 97-329¹²
corpulentus Csy. 97-331¹²
parvulicollis Csy. 20-176¹²
 s.dissolutus Schaum 63-72¹² Cal.
porcatus Csy. 97-328¹²
 s.politus Csy. 97-330¹² Cal.
 s.montereyensis Csy. 20-177¹² Cal.
 s.procerus Csy. 20-179¹² Cal.

¹² Revision of tribe, Vacher de Lapouge—32. Alternate arrangement of certain genera by Van Dyke and Valentine below.

- s.darlingtoni Val. 35-356^{15 17} Ten. N.C.
s.barksdalei Val. 36-230¹⁷ N.C.
s.germari Chd. 61-495^{15 17} Pa.-N.C.-Ky.
s.mutabilis Csy. 20-173¹⁷ Pa. W.Va.
 longicollis Csy. 20-173¹⁷ [O. Ky.
 modulata Csy. 20-174¹⁷
s.waldensia Val. 35-357^{15 17} Tenn.
violacea Lec. 63-4¹⁵
 s.violacea (s.str.)¹⁵ Ga. N.C.
 s.carolinæ Val. 35-358¹⁵ N.C.
aneicollis Beut. 03-513¹⁵ N.C.
tricarinata Csy. 14-25³⁵ N.C. Tenn.
guyoti Lec. 66-363¹⁵ N.C. Va.
 v.angelli Beut. 18-89¹⁵ N.C.
 confusus Darl. 31-146¹⁵
lodingi Val. 35-364
 s.lodingi (s.str.)¹⁵ Ala.
 s.obscura Val. 35-366¹⁵ Ala.
ridingsi Bland 63-354
 s.ridingsi (s.str.)¹⁵ Va.
 s.monongahelæ Leng. 17-36¹⁵ Pa.
 teniceps Csy. 20-172¹⁵
 s.intermedia Val. 35-368¹⁵ Va.
* * *
- * **NOMARETUS** Lec. 53-399^{15 19}
bilobus Say 25-73 N.H. N.Y. Can. Mich.
liebecki VanD. 36-40 Tex.
fissicollis Lec. 53-399 Ill. Kan. Mo. Tex.
cavicollis Lec. 59-3 Kan.Ark.Mo.Tx.La.
* * *
- Pseudonomaretus** Roeschke 07-121¹⁹
* (*Maronetus* Csy. 14-30)¹⁹
merkelii Horn 90-71²⁰ Ida.
 idahoensis Webb. 01-133²⁰
relictus Horn 81-188²⁰ Ida. Wash.
 v.regularis Lec. 85-2²⁰
imperfectus Horn 60-569²⁰ N.C. Pa.
hubbaridi Schw. 95-272²⁰ N.C.
incompletus Schw. 95-271²⁰ Va.
debilis Lec. 53-399²⁰ Ga. Car.
 v.alpinus Beut. 03-512²⁰ N.C.
 schwarzi Beut. 13-139²¹ N.C.
- Neocyclus**
longiceps VanD. 24-5 (Brennus)²²
- Sphaeroderus**¹⁹
canadensis Chd. 61-498
 s.canadensis (s.str.)²³ Ont. H.B.T.
 palpalis Mots. 65-312²³ [N.Eng.
 blanchardi Leng. 16-41²³ [N.C.
 s.lengi Darl. 33-63²³ N.C. Tenn.
- ¹⁵ Arrangement of subgenera and species, Valentine—35.
¹⁷ Revision of subspecies, Valentine—36.
¹⁸ Revision of subgenus, Van Dyke—36.
¹⁹ Listed as valid genus by Lapouge—32, with *Sphaeroderus* (part) as synonym and subgenus *Pseudonomaretus* Roeschke (*Maronetus* Csy.=).
²⁰ Vacher de Lapouge—32. (Revision of part of tribe with arrangement differing from that of Breuning.)
²¹ Listed as synonym by Nicolay & Weiss—34.
²² Van Dyke in litt.
²³ Darlington—33.
- GEHRINGIINI**
- Gehringia** Darl. 33-110
* *olympica* Darl. 33-111 Wash. Mont.
- CARABINI**
- Carabina*²⁴
- Carabus** Linn. 58-413
* (*hummei* Fisch., not *N. American*)²⁴
- CARABUS** (s.str.)²⁴
- EUCARABUS** Geh. 85-xxi²⁴
- chamissonis Fisch. 20-88 Alas.-Greenl.-
brachyderus Wiedem.24-110²⁴ [N.H.
groenlandicus Dej. 31-554²⁴
washingtoni Csy. 20-155²⁴
vinctus Web. 01-42²⁵ N.Y.-Ga.-Ind.-Ont.
 ligatus Germ. 24-6²⁴
 interruptus Say 25-76²⁴
 carinatus Dej. 26-79^{24 26}
 georgiæ Csiki 27-185²⁴
limbatus Say 25-77²⁵ N.Y.-Ga.-Ill.-Ont.
 goryi Dej. 31-544²⁴
mæander Fisch. 22-103²⁷ Sib. N.A.
 incompletus Fisch. 27-303²⁴
 ehrenbergi Fisch. 29-368²⁴
 palustris Lec. 48-444²⁴
 hudsonicus Mots. 65-293^{24 26}
 lapilayi || Dohrn 78-362²⁴
 simoni Heyd. 79-163^{24 26}
 excatenatus Kr. 80-337²⁴
 excostatus Kr. 80-338²⁴
 obscuratus Geh. 85-26²⁴
 lecontei Geh. 85-27²⁴
 mongolicus Lap. 05-305²⁴
 lecontei Angell 14-75²⁴
n.lapilayi Cast. 35-89^{24 26} Newf. St.P.
 atlanticus Lap. 24-191²⁴ [& M.
 ARCHICARABUS Seidl. 87-6^{24 29}
- nemorialis Müll. 64-21³⁰
n.nemorialis (s.str.)²⁴
 foetens Voet 78-71²⁴
 hortensis || Fabr. 75-237²⁴
 nigrescens Letz. 50-85²⁴
 virescens Letz. 50-85²⁴
 tristis DallaT. 77-27²⁴
 krasæ Roub. 03-380²⁴
 brunnipes Lap. 08-19²⁴
 deletus Lap. 08-20²⁴
 canadensis Lap. 08-19^{24 26}
 auratus Heuer 26-332²⁴
 lestagei Basil 30-62²⁴
- ²⁴ Revision of subtribe, Breuning—32-37.
²⁵ Placed by Lapouge—32 in genus *Lichnocarabus* Reitt. 96-161. (Synonyms *Mesocarabus* Gehin 85-16 and *Limnocarabus* Gehin 85-27).
¹⁶ Listed as subspecies by Lapouge—32.
²⁷ Placed in subgenus *Paracarabus* Lap. 32-630 by Lapouge—32.
²⁹ Listed as genus by Lapouge—32.
³⁰ Vacher de Lapouge—32 (Revision of part of tribe with arrangement differing from that of Breuning.)

- OREOCARABUS Geh. 76-12²⁴
 OREOCARABUS (s.str.)²⁴
 tædatus Fabr. 87-196 Alas.-N.M.-Man.
 s.tædatus (s.str.)²⁴
seriatus Wied. 21-109²⁴
baccivorus Fisch. 23-87²⁴
gladiator Mots. 65-285²⁴
patulicollis Csy. 13-57²⁴
franciscanus Csy. 13-58²⁴
bicanaliceps Csy. 20-154²⁴
stocktonensis Csy. 20-155²⁴
 s.agassii Lec. 50-209²⁴ Ore.-N.M.-Man.
oregonensis Lec. 54-16²⁴
gladiator || Heyd. 79-161²⁴
canadicus Rœsch. 00-68²⁴
montanicus Csy. 13-58²⁴
 s.coloradensis Breun. 33-719²⁴ Colo.
 DIOCARABUS Reitt. 96-185³²
 lutshnikianus Basil. 37-63 Alaska
 ORINOCARABUS Kr. 78-328²⁴
 truncaticollis Esch. 29-22³³ Alas., Sib.
 s.alaskensis Basil. 37-63 Alaska
 MESOCARABUS Thoms. 75-640²⁴
 problematicus Hbst. 86-177
 s.gallicus Geh. 85-15²⁴ Eur.Asia.Cal.
 n.gallicus (s.str.)²⁴
intricatus || Oliv. 95-20²⁴
austriacus Strm. 15-78²⁴
dissitus Fisch. 27-170²⁴
californicus Mots. 65-287²⁴
beauvoisi Kr. 78-158²⁴
catenulatus of authors²⁴
problematicus Lap. 16-81²⁴
scandinavicus Born. 26-65²⁴
cruris Csiki 27-79²⁴
lhommei Hoffm. 28-12²⁴
 HEMICARABUS Geh. 85-xix^{24 30 34}
 HEMICARABUS (s.str.)²⁴
 serratus Say 25-77³⁰ Que.-Va.-N.M.-B.C.
lineatopunctatus Dej. 26-77²⁴
ligatus Kby. 37-18²⁴
canadensis Melsh. 53-10²⁴
vegasensis Csy. 13-59²⁴
 s.tatumi Mots. 65-293²⁴ H.B.T. Newf.
 EURYCARABUS Geh. 85-xxi²⁴
 TANAOCARABUS R. 96-135²⁴
 forreri Bates 82-320³⁵ Mex. Ariz.
 sylvosus Say 25-75 Vt.-Fla.-Kan.
thermieri Dej. 26-151²⁴
 finitimus Hald. 52-373 Ut.Tex.Okla.Ala.
lecontei Csy. 13-57²⁴
caseyi Ang. 14-75²⁴
 PROCRUSTES Bon. 09-39²⁴
 MEGODONTES Sol. 48-58²⁴
 vietinghoffi Ad. 12-170
 s.vietinghoffi (s.str.)²⁴
 n.vietinghoffi (s.str.)²⁴ Sib. Alas.
 [B.C. H.B.T.
 (n.fulgidus Fisch., not N. Amer.)²⁴
- Calosoma**
 * CALLITROPA Mots. 65-300³⁶
 protractum Lec. 62-52
dolens Chd. 69-376³⁶
 * * *
 morrisoni Horn 85-128 Colo.
 prominens Lec. 53-400
 v.parvicolle Fall 10-90³⁶
clemens Csy. 14-32³⁶
subgracile Csy. 13-63³⁶
pertinax Csy. 20-163³⁶
 glabratum Dej. 31-565 S.Am. C.Am.
 v.sponsum Csy. 97-340³⁶
eremicola Fall 10-91³⁶
incertum Lapouge 24-38³⁶
hospes Csy. 13-63³⁶
parviceps Csy. 97-341³⁶
rugosipenne Schffr. 11-113³⁶
 PARACALOSOMA Br. 27-145³⁶
 palmeri Horn 76-199³⁶
 * * *
- affine Chd. 43-746
 v.triste Lec. 44-201³⁶
 v.tristoides Fall 10-92³⁶
 calida Fab. 75-237
 v.stellata Csy. 97-344³⁶
concreta Csy. 20-157³⁶
 tepidum Lec. 49-199
pallax Csy. 20-160³⁶
 cancellatum Esch. 29-23 Cal.
praestans Csy. 20-159³⁶
rectilatera Csy. 20-158³⁶
sagax Csy. 20-158³⁶
aenescens Lec. 54-16³⁷
 moniliatum Lec. 49-200
bicolor Walk. 66-313 (Carabus)³⁶
vancouverensis Csiki 27-286
 [(Carabus)³⁶
- Callisthenes**
 discors Lec. 57-31
 v.dietzi Schffr. 04-197³⁶
 v.schæfferi Breun. 28-80³⁶
irregularis || Schffr. 15-235³⁶
 striatus Breun. 28-86
striatulus || Lec. 59-4³⁶
 luxatus Say 23-149
klamathensis Csy. 20-169³⁶
 v.zimmermanni Lec. 49-445³⁶
parowanus Csy. 20-167³⁶
debilis Csy. 20-167³⁶
tegulatus Csy. 13-72³⁶
viator Csy. 13-72³⁶
 v.pimelioides Walk. 66-312³⁶
pustulosus Csy. 13-73³⁶
 a.striatus Breun. 28-86³⁶
reflexus Csy. 20-164³⁶
semotus Csy. 20-166³⁶
utensis Csy. 20-165³⁶
 a.subasperatus Schffr. 15-235³⁶

³² Basilewsky—37.³³ Placed in Diocarabus by Basilewsky—37.³⁴ Reference given as 76-25 by Gehin.³⁵ Van Dyke—38.³⁶ Csiki and Hetschko—33.³⁷ Leng Catalog.

- Elaphrus** Fabr. 75-227
TRICHELAPHRUS Sem. 26-39
 horni Csiki 27-420³⁷ Cal.
 viridis Horn 78-52³⁸
- Nebria** Latr. 06-221
 NEBRIA (s.str.)⁷
 crassicornis VanD. 25-121
 meanyi VanD. 25-118
 piperi VanD. 25-117
 schwarzi VanD. 25-116
 NEBRIOLA Dan. 03-164³⁷
 lyelli VanD. 25-120
 riversi VanD. 25-115
 spatulata VanD. 25-119
 kincaidi Schw. 60-525³⁸
 columbiana Csy. 13-43^{36 38}
 paradisi Darl. 31-24³⁵
 kincaidi Bänn. 25-264³⁸
 vandukei Darl. 30-104³⁸
- Oxydrepanus** Putz. 66-103
 * rufus Putz. 46-564³⁹ Cuba, Fla.
 brevicarinatus Putz. 46-571³⁹
- Clivina**
 oregona Fall 22-164 (Dyschirius)⁴¹
- Goniotropis** Gray 32-273⁴²
 * parca Lec. 84-2⁴³ Ariz.
- Psydrus** Lec.
 * (Monillipatrobus Hatch 33-118)⁴⁴
 piceus Lec. 46-154 Cal.-L.Sup.
 punctatus Hatch 33-118⁴⁴
- Bembidion**
 PLATAPHUS Mots. 64-184⁴⁵
 planiusculum Mannh. 43-215
 basicorne Notm. 20-185 (Microme-
 [lomalus])⁴⁵
 nigrum Say 23-85⁴⁵
 quadrulum Lec. 61-340⁴⁵
 recticoile Lec. 63-19⁴⁵
 concolor Kby. 37-54⁴⁵
 EUPETEDROMUS Net. 11-190⁴⁵
 lengi Notm. 19-98⁴⁵
 PLATAPHODES Gglb. 92-152⁴⁵
 kuprianovi Mannh. 43-217
 bucolicum Csy. 18-34 (Trechone-
 [phra])⁴⁵
 * * *
 planum Hald. 43-303
 vulsum Csy. 18-55⁴⁶
 filicorne Csy. 18-56⁴⁶
- ³⁶ Csiki and Hetschko—33.
³⁷ Leng Catalog.
³⁸ Banninger—33.
³⁹ Darlington—35.
⁴⁰ Csiki—Col. Cat. p. 92.
⁴¹ Fall in litt.
⁴² Listed as a valid genus by Csiki & Hetschko—
 33, but placed in tribe Ozanini rather than Pana-
 galini as by Leng.
⁴³ Csiki & Hetschko—33.
⁴⁴ Hatch—35.
⁴⁵ Csiki—Col. Cat. p. 126.
⁴⁶ Nicolay & Weiss—34.
- TRICHOPLATAPHUS** Net. 14-
 [51]⁴⁵
 fugax Lec. 48-467⁴⁵
 champlaini Csy. 18-56⁴⁵
 * * *
 grapei Gyll. 27-403⁴⁷ Greenl.
 caducum Csy. 18-80
 albidipenne Csy. 18-80⁴⁸
 petulans Csy. 18-81⁴⁸
 imperitum Csy. 18-81
 prociduum Csy. 18-91⁴⁵
 ?simulator Csy. 18-93⁴⁸
 FURCACAMPA Net. 31-158⁴⁵
 affine Say 23-86 (Notaphus)⁴⁵
 * * *
 anguliferum Lec. 52-185 N.S.-N.Eng.-
 habile Csy. 18-162⁴⁵ [B.C.-Cal.]
 ANILLINI
 Anillina⁴⁵
 Anillinus Csy. 18-167
 * (Anillaspis Csy. 18-168)⁴⁵
 explanatus Horn 88-26 Cal.
 debilis Lec. 53-397 Cal. Tex.
 fortis Horn 68-127 D.C.-Ga.-Tenn.
 carolinae Csy. 18-168⁴⁵
 dohrni Ehlers 84-36 Fla.
 affabilis Brues 02-361 Tex.
 * * *
 Tachys
 nanus Gyll. 10-39
 inornatus Say 23-88⁴⁵
 rivularis Mots. 50-8⁴⁵
 PATROBINI⁴⁹
 Patroboidea VanD. 25-67
 * rufa VanD. 25-69 Alas.-Wash.
 Platypatrobus Darl. 38-146
 * lacustris Darl. 38-146 L.Sup.
 Diplous Mots. 50-10
 * (Platidius Chd. 71-51)⁵⁰
 californicus Mots. 59-123 Cal.-Mont.-
 trochanterinus Lec. 69-375⁴⁹ [B.C.]
 latipennis Csy. 18-399⁴⁹
 incisus Csy. 18-399⁴⁹
 strenuus Csy. 18-400⁴⁹
 rectus Csy. 18-400⁴⁹
 sierranus Csy. 18-401⁴⁹
 brevisusculus Csy. 18-401⁴⁹
 aterrimus Dej. 28-32 Alas.-Ore.-Colo.
 fulcratus Dej. 69-374⁴⁹
 breviceps Csy. 18-402⁴⁹
 tenuitarsis Csy. 18-403⁴⁹
 coloradensis Csy. 18-403⁴⁹
 reflexus Csy. 18-403⁴⁹
⁴⁷ Cited as valid by Henriksen—35.
⁴⁸ Revision of subtribe, Jeannel—37.
⁴⁹ Revision of tribe, Darlington—33.
⁵⁰ Csiki—Col. Cat. p. 93.

- flicicornis* Csy. 18-40 Cal.-B.C.
aterrimus of Horn (part)⁴⁹
rugicollis Rand. 38-560 N.E.N.A.
angicollis Rand. 38-1 (missprint)⁴⁹
longipalpis Notm. 19-231⁴⁹
- Patrobus** Dej. 21-10
 * **NEOPATROBUS** Darl. 34-155
longicornis Say 25-40 Newf.-B.C.-Fla.-
americanus Dej. 28-34⁴⁹ [Ariz.]
lecontei Chd. 71-47
 s.lecontei (s.str.)⁴⁹ Colo.Alb.L.Sup.
 rufipes || Lec. 63-18⁴⁹ [H.B.T.]
 septentrionis Horn 75-130 (part)⁴⁹
 canadensis Csy. 24-67⁴⁹
 s.gravidus Darl. 38-159⁴⁹ Newf.
fossifrons Esch. 23-104
 s.fossifrons (s.str.)⁴⁹ Alaska
 longiventris Mannh. 53-145⁴⁹
 fulvus Mannh. 53-145⁴⁹
 latusculus Chd. 71-46⁴⁹
 septentrionis Horn 75-130 (part)⁴⁹
 s.dimorphicus Darl. 38-161 Alas.-Cal.-
 [Colo.]
 s.stygius Chd. 71-46⁴⁹ Alas.-B.C.-
 [Lab.-Newf.]
 tenuis || Csy. 20-186 (not 1918)⁴⁹
- PATROBUS** (s.str.)
septentrionis Dej. 28-29 Eur. Sib. Alas.-
fossor || O. Fab. 80-190⁴⁹ [Newf.]
hyperboreus Dej. 28-30⁴⁹
fossifrons || Chd. 71-44⁴⁹
labradorinus Csy. 18-395⁴⁹
minuens Csy. 18-396⁴⁹
tenuis || Csy. 18-396 (not Csy. 1920)⁴⁹
tritus Csy. 20-186⁴⁹
- GEOPATROBUS** Darl. 38-157
foveocollis Esch. 23-105
 s.foveocollis (s.str.)⁴⁹ Alaska
 fossifrons Dej. 28-31⁴⁹
 foveicollis Chd. 71-45 (part)⁴⁹
 septentrionis Horn 75-130 (part)⁴⁹
 s.tenuis Lec. 50-207⁴⁹ Alas.-Colo.-Lab.-
 angusticollis Mannh. 53-146⁴⁹ [N.Y.]
 foveicollis Chd. 71-45 (part)⁴⁹
 tenuis Chd. 71-46
 obtusiusculus Chd. 71-43⁴⁹
 septentrionis Horn 75-130 (part)⁴⁹
 laeviceps Csy. 18-397⁴⁹
 insularis Csy. 18-397⁴⁹
- * * *
- Trechus** Clairv. 06-22
TRECHUS (s.str.)
obtusus Er. 37-122⁵¹ Eur. Wash.
 quadristriatus || Duft. 12-185⁵⁰
 tristis || Steph. 27-170⁵⁰
 ? *laevis* Steph. 32-384⁵⁰
 castanopterus Heer 41-120⁵⁰
chalybæus Dej. 31-17
 v.brachyderus Jeann. 31-432⁵² Mt.Wy.
 v.californicus Mots. 45-347⁵² Alas.-Ore.
 v.tahoensis Csy. 18-407⁵² Cal. Nev.
- coloradensis* Schffr. 15-48
 v.arcticollis Jeann. 31-428⁵² Ida.
 v.gravidulus Jeann. 31-429⁵² N.M.
ovipennis Mots. 45-348
 v.conformis Jeann. 27-188⁵²
- Lasiotrechus** Ganglb. 92-187
 * (*Blemus* || Redt. 58-67)⁵⁰
discus Fabr. 01-207^{53 54} Eur. Asia, Que.
- PTEROSTICHINI**
- Stereocerus** Kby. 37-34⁵⁵
Cylindrocharis Csy. 18-326
 * *grandiceps* Lec. 48-336 Tenn.N.C. Ga.
 rostrata of Csy. 18-327⁵⁶
 rostrata Newm. 38-387 Me.-Tenn.
 sulcatula Csy. 18-327⁵⁶
 piceata Csy. 18-327⁵⁶
- Pterostichus**
 * **ORSONJOHNSONUS** Htch 33-119
johnsoni Ulke 89-59⁵¹ Ore. Wash.
OMASEUS Steph. 28-67
vulgaris Linn. 58-415 Eur. B.C.-Ore.
 melanarius Ill. 98-163^{51 57 58}
 * **HYPHERPES** Chd. 38-8⁵⁹
tuberculo-femoratus Hatch 36-701 Ore.
castaneus Dej. 28-326 Alas.-Ore.
novellus Csy. 13-102 B.C.-Cal.
metlakatlæ Csy. 13-102 B.C.
terraccensis Csy. 24-68 B.C.
stoicus Csy. 24-68 B.C.
amethystinus Mannh. 43-201 Alas.-Cal.
scutellaris Lec. 73-312 Cal.
ecarinatus Hatch 36-702 Ida. Wash.
- * * *
- * **LEPTOFERONIA** Csy. 18-336⁵⁹
oregonus Csiki 30-582 Wash. Ore.
 longicollis Lec. 52-239⁵⁹
infernalis Hatch 36-705 Ore.
fenyesi Csiki 30-582 Cal.-Ore.
 ovicollis Schffr. 10-393⁵⁹
sphodrinus Lec. 63-10 Ida. Wash.
fuchsi Schffr. 10-392 Cal.
 fugiens Csiki 30-582
 fugax Csy. 18-337⁵⁹
 larvalis Csy. 18-337⁵⁹
 humilis Csy. 13-128⁵⁹
horni Lec. 73-313 Cal.
idahoensis Hatch 36-706 Ida.
angustus Dej. 28-328 Cal.
 crucialis Csy. 13-126⁵⁹
inanis Horn 91-32 Wash.-Cal.-Nev.
idahoæ Csiki 30-582 Ida.
 elongatus || Schffr. 10-365⁵⁹
beyeri VanD. 25-71 Mont.

⁵¹ Hatch—33.⁵² Csiki—Col. Cat. p. 126.⁵³ Chagnon—34.⁵⁴ Chagnon—35.⁵⁵ Transferred from Amarini by Leech—35.⁵⁶ Nicolay & Weiss—34.⁵⁷ Numerous other synonyms listed in Csiki—Col. Cat. p. 112.⁵⁸ Leech—35.⁵⁹ Revision of subgenus, Hatch—36.

- termitiformis VanD. 25-74 Ore.
 falli VanD. 25-73 Cal.
 caligans Horn 91-33 Cal.
 ITHYTOLUS Bates 84-277
 arizonicus Schffr. 10-393⁶⁰
- Anilloferonia** VanD. 26-115
 * testacea VanD. 26-116 Wash.
 lanei Hatch 35-116 Ore.
- Euferonia** Csy. 18-365⁶¹
 * iripennis Nic. & Weiss 34-200 S.C.
 stygica Say 25-41 Ont.-N.C.-La.-Ia.
bisigillatus Harris 28-123⁶¹
rugicollis Hald. 43-300⁶¹
picipes Newm. 38-377⁶¹
quadrifera Csy. 18-366⁶¹
proba Csy. 13-133⁶¹
ingens Csy. 18-367⁶¹
umbonata Csy. 18-368⁶¹
subaequalis Csy. 18-368⁶¹
 v.vapida Csy. 13-134⁶¹ N.H.-N.Y.
 lachrymosa Newm. 38-386 Me.-N.C.-O.
 washingtonensis Nic.&Weiss 34-203 N.H.
 v.rufitarsis Nic.&Weiss 34-204⁶¹ N.C.
 coracina Newm. 38-386 Newf.-Va.-
moerens Newm. 38-387⁶¹ [L.Sup.
adjuncta Lec. 52-245⁶¹
venator Csy. 20-189⁶¹
lacustris Csy. 24-71⁶¹
 v.roanica Csy. 20-188⁶¹ Md.-N.C.-Ky.
strigosula Csy. 24-72⁶¹
 v.erebea Csy. 13-134⁶¹ Me.-Pa.-Wis.
ludibunda Csy. 20-189⁶¹
 relicta Newm. 38-387 N.Y.-N.C.-L.Sup.
protensa Lec. 63-12⁶¹ (not La.)
flebilis Lec. 52-245 L.Sup.
- Cryobius** Chd. 38-11⁶²
 mandibularis Kby. 37-31 Arctic N.A.
 arcticola Chd. 68-339⁶³
 hudsonicus Lec. 63-11 (Pterost.)⁶³
- Melanius** Bon. 10-tab. syn. ^{61 62}
 * (*Omaseus* Leng, not Steph.)⁶¹
 ebeninus Dej. 28-307 N.Y.-Fla.-Tex.
acutangulus Chd. 43-771⁶¹
 caudalis Say 23-56 N.J.-Va.-Ore.
nigrita Kby. 37-32⁶¹
agrestis Bland. 65-381⁶¹
brevibasis Csy. 24-73⁶¹
 luctuosus Dej. 28-284 Newf.-Va.-Ill.
abjectus Lec. 52-243⁶¹
hamatus Harr. 28-123⁶¹
confluens Csy. 24-73⁶¹
testaceus Csy. 24-74⁶¹
 v.tenuis Csy. 24-73⁶¹
 corvinus Dej. 28-281 N.Y.-Ga.-L.Sup.
subpunctatus Harr. 28-123⁶¹
tenebrosus Chd. 37-30⁶¹
aequalis Csy. 24-72⁶¹
- Dysidius** Chd. 38-8⁶¹
 * purpuratus Lec. 52-242⁶⁴ N.J.-Va.-Ill.
?parallelus Mots. 59-147⁶¹
ohionis Csiki 30-638⁶¹
trinarius Csy. 18-377⁶¹
 mutus Say 23-44 N.E.U.S.
carbonarius Dej. 28-283⁶¹
morosus Dej. 28-283⁶¹
picicornis Kby. 37-33⁶¹
pulvinatus Hausen 91-253⁶¹
stenops Hausen 91-252⁶¹
 v.egens Csy. 24-74⁶¹ N.J. E.U.S.
- Loxandrus**
 infimus Bates 82-87⁶⁵ Gua. Mex. Tex.
- Amara**
 CURTONOTUS Steph. 28-138
 aulica Panz. 97-3⁶⁶ Eur. Asia, N.S.
 AMARA (s.str.)
 familiaris Duft. 12-119⁶⁷ Eur. N.Eng.
humilis Csy. 18-302⁶⁷
 ænea DeG. 74-98⁶⁷ Eur. N.Eng.
devincta Csy. 18-307⁶⁸
- Platynus** Bon. 09.⁶⁹
 LEUCAGONUM Csy. 20-99⁶⁹
 AGONUM Bon. 09-tab. syn.^{69 70}
 pallipes Fabr. 01-187⁷⁰
limbatus Say 23-49^{70 71}
 MELANAGONUM Csy. 20-111⁶⁸
 PARAGONUM Csy. 20-123⁶⁹
 belleri Hatch 33-120⁶⁹ Wash.
 * * *
 (*obscurus* Hbst. 84-139, not N. Amer.)⁶⁹
 OXYPSELAPHUS Chd. 43-415⁶⁹
 pusillus Lec. 54-39 Wash.-Can.-N.Y.
americanus || Lec. 48-256⁶⁹
oblongus || Ham. 88-61⁶⁹
obscurus || Ham. 94-354⁶⁹
- Colpodes**
 falli Darl. 36-152 Ariz.
- Lachnophorus** Dej. 31-28⁷²
 * ARETAONUS Liebke 36-461⁷²
 elegantulus Mannh. 43-215 Cal.-Tx.-C.R.
mediosignatus Mén. 44-62⁷³
 sculptifrons Bates 78-604⁷² Tx.-Mx.-Nic.
 COLLIURINI⁷⁴
- ⁶⁴ This name was invalidated (according to some interpretations of the Rules) by being at one time transferred to Pterostichus where there is an older use of the name.
⁶⁵ Darlington—36.
⁶⁶ Fall—34.
⁶⁷ Darlington—36.
⁶⁸ Also numerous other synonyms in Csiki—Col. Cat. p. 104.
⁶⁹ Rearrangement of subgenera, Hatch—33.
⁷⁰ Buchanan—39 (cites Agonum as genus).
⁷¹ Fall—33.
⁷² Revision of genus, Liebke—36.
⁷³ Leng Catalog.
⁷⁴ Revision of tribe, Liebke—37.
- ⁶⁰ Placed in Leptoferonia by Hatch—36, but transferred here by Darlington—36.
⁶¹ Revision of genus, Nicolay & Weiss—34.
⁶² As subgenus of Pterostichus by Csiki—Col. Cat. p. 112.
⁶³ Brown—37.

- Colliuris** DeG. 74-79⁷⁴
 * ODACANTHELLA Lbk. 30-658⁷⁴
 pennsylvanica Linn. 58-620 U.S.
 lengi Schffr. 10-395 Ariz.
 CALOCOLLIURIS Lbk. 37-55⁷⁴
 ludoviciana Sallé 49-297 Fla.-La.-Yuc.
- Calybe** Cast. 34-92⁷⁴
 * EGA Cast. 34-93⁷⁴
 sallei Chevr. 39-308 Fla.-La.-Nic.
 lætula Lec. 49-173 Colo.-Mex.-Gua.
- Leptotrachelus** Latr. 29-371⁷⁴
 * pallidulus Mots. 64-218 Tex.
 dorsalis Fabr. 01-229 U.S. Mex. Cuba
 depressus Blatch. 23-15 Fla.
- Comstockia** VanD. 18-179⁷⁴
 * subterranea VanD. 18-182 Tex.
 * * *
- Zuphium** Latr. 06-198⁷⁵
 * magnum Schffr. 10-396 Tex.
 longicollis Lec. 79-62 Tex. Mex.
 delectum Lbke. 33-469 Mass.
 americanum Dej. 31-298 U.S.
 mexicanum Chd. 62-314 Ariz. Mx.-C.R.
- Pseudaptinus** Cast. 35-50⁷⁶
 * PSEUDAPTINUS (s.str.)⁷⁶
 lecontei Dej. 31-301 Fla. Ga. La.
 tenuicornis Chd. 72-6 Tex. Mex.
 tenuicollis Lec. 49-173 Cal. Tex.
 THALPIUS Lec. 51-174⁷⁶
 pygmæus Dej. 26-460 Fla. La. Cuba
 högei Bates 82-77 Tex. Mex.
 horni Chd. 72-3 Cal.
 rufulus Lec. 49-173 Cal.
 * * *
 dorsalis Brullé 34-181⁷⁷ D.C. Fla. La.
 cubanus Chd. 62-252⁷⁸ Fla. Cuba
- Brachynus**
 BRACHYNUS (s.str.)⁷⁹
 affinis Lec. 48-204⁷⁹ Ind.
 alternans Dej. 25-316⁷⁹ Ind.
 alternans || Lec. 48-198⁷⁹ U.S.
 americanus Lec. 44-48⁷⁹ Ind. Fla.
 ballistarius Lec. 48-199⁷⁹ N.Y. Ind. N.M.
 carinulatus Mts. 59-139⁷⁹ Cal. Ariz. Mx.
 glabripennis Lec. 58-28⁷⁹
 cinctipennis Chev. 34-163⁷⁹ Ar. N.M. Mx.
 conformis Dej. 31-427⁷⁹ U.S.
 patruelis Lec. 44-50⁷⁹
 cordicollis Dej. 26-466⁷⁹ U.S.
 velox Lec. 48-206⁷⁹
 conformis || Lec. 79
 ?cephalotes Dej. 25-317⁷⁹
 costipennis Mots. 59-138⁷⁹ Ariz. Cal.
 lecontei Mots. 59-39⁷⁹
 cyanipennis Say. 23-143⁷⁹ Fla. Ind.
- deyrollei Laf. 41-42⁷⁹ Tex. Ind.
 strenuus Lec. 44-48⁷⁹
 a.tormentarius Lec. 48-200⁷⁹ S. St.
 [W. St.
 distinguendus Chd. 68-287⁷⁹ N.A.
 fidelis Lec. 62-524⁷⁹ Cal.-N.M.
 fumans Fab. 81-307⁷⁹ N.Y.-Fla.
 librator Dej. 31-425⁷⁹
 cyanopterus Lec. 44-49⁷⁹
 perplexus || Lec. 48-203⁷⁹
 sufflans Lec. 48-204⁷⁹
 a.similis Lec. 48-199⁷⁹ N.Y.
 gracilis || Blatch. 10-160⁷⁹ Ind.
 janthinipennis Dej. 31-412⁷⁹ U.S.
 kansanus Lec. 62-524⁷⁹ Kans. Ariz.
 lateralis Dej. 31-424⁷⁹ U.S. C.A. S.A.
 leptocerus Chd. 68-296⁷⁹ N.A.
 leucoloma Chd. 68-301⁷⁹ Cal.
 limbiger Chd. 76-81⁷⁹ Cal. Mex.-S.A.
 medius Harris 28-117⁷⁹ N. Eng. Ind.
 minutus Harris 28-117⁷⁹ N.Y. Ind.
 pumilio Lec. 48-208⁷⁹
 ovipennis Lec. 62-525⁷⁹ U.S.
 cephalotes || Lec. 48-205⁷⁹
 phæocerus Chd. 68-300⁷⁹ N.A.
 puberulus Chd. 68-294⁷⁹ Fla.
 pulchellus Blatch. 10-161⁷⁹ Ind. Fla.
 quadripennis Dej. 25-316⁷⁹ S. St. W. St.
 neglectus Lec. 44-49⁷⁹
 rejectus Lec. 62-525⁷⁹ M. St. W. St.
 cordicollis || Lec. 48-206⁷⁹
 rugipennis Chd. 68-297⁷⁹ U.S.
 stenomus Chd. 68-291⁷⁹ U.S.
 stygicornis Say 34-415⁷⁹ Kan. Fla.
 oxygonus Chd. 43-714⁷⁹
 sublævis Chd. 68-293 U.S.
 tenuicollis Lec. 44-49⁷⁹ U.S.
 texanus Chd. 68-299 U.S.
 tschernikhi Mannh. 43-184⁷⁹
 puncticolis Lec. 58-28⁷⁹
 viridipennis Dej. 31-426⁷⁹ U.S.
 viridis Lec. 44-49⁷⁹
 lecontei Lec. 44-49⁷⁹
 a.perplexus Dej. 31-426⁷⁹ U.S.
- * * *
- Miscodera** Esch. 30-63⁸⁰
 * insignis Mannh. 52-296 Alas. Wash.
 arctica Payk. 00-85 Eur. Sib.
 s.erythropus Mots. 44-75⁸⁰ Sib. Alas.-
 americanus Mann. 53-134⁸⁰ [N.Y.
 hardyi Chd. 61-525⁸⁰
 * * *
- Chlaenius**
 crestonensis Brown 33-43 B.C.
 leucoscelis Chev. 34-71
 s.leucoscelis (s.str.)⁸¹ Wash.-Colo.-
 monachus Lec. 51-180⁸¹ [Guat.
 chlorophamus || Lec. 48-435⁸²
 s.cordicollis Kby. 37-22⁸¹
 [E. Can.-L. Sup. Va.

⁷⁵ Revision of genus, Liebke—33.⁷⁶ Revision of genus, Liebke—34.⁷⁷ Leng Catalog.⁷⁸ Darlington—35.⁷⁹ Synonymy revised by Csiki—33.⁸⁰ Revision of genus, Hatch—33.⁸¹ Darlington—34.⁸² Csiki—31.

Selenophorus

- discopunctatus Dej. 29-92 S.A. W.I. Fla.
chokoloskei Leng. 15-596⁸³
cuprinus Dej. 29-96⁸⁴
harpaloides Reiche 43-142⁸⁴
acutus Reiche 43-142⁸⁴

Stenomorphus Dej. 31-696⁸⁵

- * (*Agaosoma* Mön. 44-63)⁸⁵
convexior Notm. 22-103 Ariz. Mex.
californicus Mön. 44-63 Kan.-Mex.-
rufipes Lec. 59-59⁸⁵ [Cal.-L. Cal.
batesi Csy. 14-168⁸⁵
scolopax Csy. 14-169⁸⁵
arcuatus Csy. 24-122⁸⁵
parallelus Csy. 24-122⁸⁵

* * *

Agonoderus

- lecontei Chd. 68-14
pallipes of authors (not Fab.)^{86 87}

Pseudomorpha Kby. 25-98⁸⁸

- * (*Heteromorpha* Kby. 25-109)⁸⁸
(*Axinophorus* Dej. & Bois. 29-60)⁸⁸
(*Drepanus* Dej. 31-434)⁸⁸
alutacea Notm. 25-17 N.M.
angustata Horn 83-274 Ariz. N.M.
behrensi Horn 70-76 Cal. Mex.
castanea Csy. 09-278 Ut. Cal.
champlaini Notm. 25-20 Ariz. Cal.
consanguinea Notm. 25-18 Cal. Ariz.
cronkhitei Horn 67-151 Cal.
cylindrica Csy. 89-40 Tex.
excrucians Kby. 25-101 Ga. La. Ala.
lecontei Dej. & Bois. 29-176⁸⁸
falli Notm. 25-15 Cal.
hubbardi Notm. 25-15 Ariz.
ruficollis Csy. 24-148 La.
schwarzi Notm. 25-21 Ariz.
tenebroides Notm. 25-16 Ariz.
vandykei Notm. 25-18 Ariz.
vicina Notm. 25-17 Cal.
vindicata Notm. 25-19 Utah

HALIPLIDÆ

Halipus Latr. 02-77¹

- * HALIPLUS (s.str.)¹
strigatus Robts. 13-110 Man.-B.C.-Wyo.
robertsi Zimm. 24-73 Colo.-B.C.-Cal.
pallidus || Robts. 13-109¹
dorsomaculatus Zimm. 24-75 Cal. Colo.
distinctus Wallis 32-17 B.C.
hoppingi Wallis 32-19 B.C.
longulus Lec. 50-211 N.A.

⁸³ Darlington—35.⁸⁴ Csiki—32.⁸⁵ Revision of genus, Darlington—36.⁸⁶ Buchanan—39.⁸⁷ Fall—33.⁸⁸ Csiki—33.¹ Revision of genus, Wallis—22.

- immaculicollis Harr. 28-164 N.A.
americanus Aube 38-26¹
impressus Kby. 37-65¹
ruficollis || Cr. 73-385¹
blanchardi Robts. 13-108 Ct.-Minn.-La.
PARALIAPHLUS Guignot 28-138¹
borealis Lec. 50-212 L.Sup. Minn. Man.
lewisii Cr. 73-384 Tex.
ohioensis Wallis 32-27 O. Ill.
minor Zimm. 24-192 Tex.
annulatus Robts. 13-107 Fla. S.C.
confluentus Robts. 13-106 Fla. S.C.
triopsis Say 25-106 N.Eng.Fla.N.M.Ont.
pantherinus Aube 38-29 E.N.A.Minn.La.
deceptus Math. 12-166 Tex. N.M.
suturalis Robts. 13-96¹
punctatus Aube 38-32 Fla.-Tex.
mutchleri Wallis 32-38 Fla.
leopardus Robts. 13-98 Mass.-S.C.
pseudofasciatus Wallis 32-41 S.C. Kan.
LIAPHLUS Guignot 28-138¹
fasciatus Aube 38-30 N.Eng.-S.C.-Kan.
connexus Math. 12-164 N.S.-Mass.-Minn.
mimeticus Math. 12-168 Pac.Cst. Mex.
rugosus Robts. 13-102 Cal.
apostolicus Wallis 32-46 Minn.
cribrarius Lec. 50-202 Lab.-Vt.-Minn.
canadensis Wallis 32-51 Mass.-B.C.
nitens Lec. 50-212 Mich.-Wis.-Tex.
subguttatus Rbts. 13-101 N.S.-N.Eng.-
[B.C.
salinarius Wallis 32-56 B.C.
vancouverensis Math. 12-163 B.C.
salmo Wallis 32-61 Alb.
leechi Wallis 32-63 B.C.
columbiensis Wallis 32-66 B.C.
ungularis Wallis 32-68 B.C.
gracilis Robts. 13-102 Ore. Cal.
cylindricus Robts. 13-102 Cal.
tumidus Lec. 80-166 Tex. Cal.
concolo Lec. 52-201 Cal.

DYTISCIDÆ

- Hygrotus Steph. 28-46²
COELAMBUS Thoms. 60-13²
curvipes Leech 38-84 Cal.

Hydroporus Clairv. 06-182³

- HYDROPORUS (s.str.)³
HETEROSTERNUS Zimm.³
DERONECTES Shp.^{3 4}
brodei Gellerm. 28-63⁵
STICTOTARSUS Zimm.³
POTAMONECTES Zimm.³
(*Potamodytes* Zimm.)³
(*Deronectes* of Fall)³

- mathiasi Hatch 33-22 Wash.

² Balfour-Browne—34.³ Rearrangement of subgenera, Hatch—33.⁴ Treated as valid by Balfour-Browne—34.⁵ Hatch—33.

- * **OREODYTES** Seidl.⁶
scitulus Lec. 55-295 B.C.-N.Y.-Newf.
bisulcatus Fall 23-115 Cal.
crassulus Fall 23-119 Mont. Ut. Wash.
obesus Lec. 66-365 Cal.-B.C.
angustior Hatch 28-221 Wash.
congruus Lec. 78-452 N.M.-Mont.-B.C.
abbreviatus Fall 23-117 Cal. Wash.
picturatus Horn 83-283 Nev. Cal.
subrotundus Fall 23-118 Cal. Wash.
snoqualmie Hatch 33-26 Wash.
hortense Hatch 33-27 B.C. Wash.
lævis Kby. 37-67 L.Sup. H.B.T.
duodecimlineatus Lec. 50-214⁶
semiclarus Fall 23-113 Cal. Y.T. Colo.
yukonensis Fall 26-138⁶
recticollis of Hatch⁶
recticollis Fall 26-140 Alaska
alaskanus Fall 26-139 Alaska
rainieri Hatch 28-220 Wash.
kincaidi Hatch 28-221⁶
GRAPTODYTES Seidl.³
STICTONOTUS Zimm.³
NEBRIOPORUS Reg.³
* * *
- barbarensis* Wallis 33-262 Cal.
planiusculus Fall 23-58 Que. B.C.
brumalis Brown 30-235⁷
compertus Brown 32-4⁷
falsificus Brown 33-44⁷
lappinum Gyll. 08-532⁸
[Alas.-Man. Eur. Sib.
melanocephalus Marsh 02-423⁹ Eur. Sib.
[Alas.-L.Sup.-Greenl.
morio Gemm. & Har. 68-437⁹
browni Wallis 33-261 Wash.
edwardsi Wallis 33-261 Wash.
- Agaporus** Zimm. 19-147
latens Fall 37-10 N.H. Mass. N.Y.
- Agabus**
GAURODYTES Thoms. 60-57¹⁰
falli Guignot 35-38
sharpi || Fall 22-19^{10 11}
ERIGLENUS Thoms. 60-55¹²
hudsonicus Leech 38-123 Man.
* * *
- colymbus* Leech 38-125 Man.
browni Leech 38-126 Man.
pseudoconfertus Wallis 26-90¹³
gelidus || Fall 26-142^{14 15}
kenaiensis Fall 26-141 Alas. Man.
palustris Wallis 26-92⁷
vancouverensis Leech 37-146 B.C. Wash.
irregularis Mannh. 53-159¹⁴ Alaska
hypomelas Mannh. 43-221¹⁴ Alas.-Wash.
audeni Wallis 33-270 B.C.
minnesotensis Wallis 33-268 Minn.
- ⁶ Revision of subgenus, Hatch—33.
⁷ Fall—34.
⁸ Possibly subsp. *labradorensis* Fall, Brown—37.
⁹ Brown—37, ascribes these names to Gyll. & Aube respectively.
¹⁰ Guignot—35.
¹¹ Fall in litt.
¹² Leech—38.
¹³ Synonymy reversed by Fall—34.
¹⁴ Leech—37.
- Ilybius**
denikei Wallis 33-271 Ont.
- Copelatus** Er. 32-38
(*LIOPTERUS* Steph. 35-393)¹⁵
- Rantus** Bois. & Lac. 35-309^{16 17 18}
(*RHANTUS* of authors)^{16 17 18}
maculicollis Aube 38-245^{10 19} N.A.
hoppingi Wallis 33-272 B.C. Cal. Wash.
binotatus Harr. 28-164²⁰ N.A. C.A.
gutticollis Say 34-442²⁰ Ariz.
suturellus Harris 28-164²⁰ Eur. Sib. N.A.
subopacus Menetr. 06-175²¹
zimmermanni Wallis 33-274 Man. Que.
[B.C.
bistriatus of authors (not Bergst.)²⁰
- Hoperius** Fall 27-177^{21 11}
* *planatus* Fall 27-178^{21 11} Ark.
- Dyticus** Linn. 58-411²²
(*DYTISCUS* of authors)²²
habilis Say 34-441²³ Mex. Tex.
- Hydaticus**
modestus Shp. 82-650 N.A.
americanus Shp. 82-654¹⁷
stagnalis of authors (not Fab.)¹⁷
(*laevipennis* Thoms., not *N. Amer.*)¹⁷
cinctipennis Aubé 38-191¹⁷
- Graphoderus** Dej. 33-54^{24 25 26}
* (*GRAPHODERES* Thoms. 60-38)²⁴
liberus Say 25-160²⁵ Mich.-Mass.-Fla.
rugicollis Kby. 37-73²⁵
brunnipennis Aube 38-203²⁵
thoracicus Harris 28-156²⁵
fasciatocollis Harris 28-156²⁵ B.C.-Mass.
cinereus Horn (not Linn.)²⁵
perplexus Shp. 82-695²⁵ N.A.
elatus Shp. 82-695²⁵
cinereus of authors (not Linn.)²⁵
zonatus Zimm. (not Hoppe)²⁵
manitobensis Wallis 33-276²⁵ Man.
occidentalis Horn 83-281²⁵ Cal.
austriacus Zimm. (not Sturm.)²⁵
- ¹⁵ Mequignon—37, may be subgenus; proper date is 1835 in spite of statement to contrary by Strand.
¹⁶ Balfour-Browne—35.
¹⁷ Wallis in litt.
¹⁸ Compiler is of opinion that the Rules amply justify the change of spelling to *Rhantus*; see remarks elsewhere.
¹⁹ Hatch—28.
²⁰ Wallis—33.
²¹ Leech in litt.
²² Balfour-Browne—35, gives this as proper synonymy but does not accept it because the change was made four years late by another writer!
²³ Darlington—38.
²⁴ These names are reversed by Balfour-Browne—35, but *Graphoderus* was amply validated by Dejean in 1833.
²⁵ Revision of genus, Wallis in litt.
²⁶ Credited by Guignot—31 and Wallis in litt. to Aube 38-156.

GYRINIDÆ

Gyrinus

hoppingi Leech 38-59

B.C.

LIMNEBIIDÆ²⁷Ochthebius²⁸insulanus Brown Correct loc. Vanc.Id.²⁷
mimicus Brown 33-45

B.C.

HYDROPHILIDÆ

Helophorus

arcticus Brown 37-109 Baffin Id.
HELOPHORUS (s.str.)
lecontei Knisch 24-88²⁹ Cal.
obscurus || Lec. 52-210²⁹
ventralis Mots. 60-105²⁹ N.Y.
obsoletesulcatus Mots. 60-106²⁹
obscurus || Wickh. 95-183²⁹
granularis Linn. 61-214²⁹ Eur. N.A.
?pusillus Mots. 60-106²⁹

Berosus

ENOPLURUS Hope 38-128²⁹
undatus Fabr. 92-185²⁹ Tex. Mex. W.I.
emarginatus Horn 73-120²⁹ [S.A.
flavipes Shp. 87-766²⁹
quadripennis Fleut. & Salle 89-376²⁹

Hydrophilus

occultus d'Orch. 33-310 N.Y. Tenn.

Enochrus

LUMETUS Zaitz. 08-385²⁹
pygmaeus Fabr. 92-186²⁹
nebulosus Say 24-277²⁹ W.I.
P. 19, First supplement, under 19289,
for 2484 read 2884.²⁷

SILPHIDÆ

NECROPHORINI

Necrocharis Port. 23-68^{1 2 3}* carolinensis Linn. 71-530⁴ Pa.-Fla.-
mediatus Fabr. 01-334⁴ [Ariz.-Neb.
a.scapulatus Port. 23-142² N.C. Fla.
a.dolosus Port. 23-142²
a.mysticallis Angell 12-307² Ariz.²⁷ Leech in litt.²⁸ Left in Hydrophilidae by Brown—33.²⁹ d'Orchymont—34.¹ Semenov-Tian-Shanskij—32.² Hatch—Col. Cat. p. 95.³ Placed as subgenus of Nicrophorus by Hatch,
Col. Cat. p. 95.⁴ Hatch & Rueter—34Nicrophorus Fabr. 75-71^{2 4}* (Dermestes || Geoffr. 62-93)²
(Nicrophorus Fabr. 01-333)^{2 5}
(Cyrtooscelis Hope 40-149)²
Acanthopsilus Port. 14-223)²

EUNECROPHORUS Sem.

[32-152

americanus Oliv. 90-10¹ N.S.-Minn.-
virginicus Fröl. 92-123² | Tex.-Fla.
grandis Fab. 92-247²germanicus Linn. 58-359² Europe
a.bipunctatus Kr. 80-117² Eur. ?Cal.
NECROPTER Sem. 32-154⁴orbicollis Say 25-77¹ Me.-Fla.-Kan.-Alb.
halli Kby. 37-98²quadrisignatus Cast. 40-1²
sayi Cast. 35-2¹ N.B.-Va.-Alb.humulatus Gistel 48-49²
lunatus || Lec. 53-277²
luniger Har. 68-104²humator Oliv. 90-8.² Eur. Asia
grandior Angell 12-307² Cal.defodiens Mannh. 46-513^{1 4} Newf.-N.J.-
hebes Kby. 37-96² | Cal.-Alas.pygmaeus Kby. 37-98²
vespilloides of Lec. 66-367²a.humeralis Hatch 27-7²
a.binotatus Port. 26-236² Cal.plagiatus || Mots. 69-252²
a.lateralis Port. 03-330² Cal.-Wash.a.conversator Walk. 66-320² Cal. Ore.
pollinator of Lec. 54-19²a.kadjakensis Port. 26-236² Alaska
a.mannerheimi Port. 24-293² Cal.investigator Zett. 24-154^{1 4} Eur.Asia,
ruspator Er. 37-225² [Alas.-Cal.-?Va.melsheimeri Kby. 37-97²
infodiens Mannh. 53-170²confossor Mots. 60-126²
microcephalus Thoms. 62-9²pustulatus of Horn 80-233 (part)²
vestigator of Gyll. 27-308²a.intermedius Reitt. 95-327² Eur. B.C.
[Man.-Ore.-Ut.a.lutescens Port. 24-150² N.M. Ariz.
v.nigritus Mannh. 43-251² Cal. Ore.v.variolosus Port. 24-149²
s.maritimus Guer. 44-60² Japan, B.C.aleuticus Gistel 48-190²
pollinator Mannh. 53-169²sibiricus Mots. 60-126²
a.particeps Fisch. 44-139²[Alas. B.C. Asia
mexicanus Matth. 88-91¹ Mex. Cal.
hybridus Hatch & Ang. 25-216^{1 4} Wash.-[Man.
v.minnesotianus Hatch 27-5² Minn.guttulus Mots. 45-53^{1 4} Alas. Cal.-Colo.
a.quadrigitatus Angell 20-90² Cal.a.vandykei Angell 20-90² Cal.
a.ruficornis Mots. 69-352² Cal.a.hecate Bland || 65-382^{1 2} Alas.-N.M.
a.disjunctus Port. 24-85²a.rubripennis Port. 24-85² Cal.-Kan.
obscurus Kby. 37-97^{1 4} H.B.T.-Ut.-Ore.melsheimeri of Lec. 53-275²⁵ This spelling accepted by Semenov-Tian Shans-
kij—32.

- marginatus Fabr. 01-334^{1 4} Me.-Miss.-
requiescator Gistel 48-190² [Ore.-C.A.
 a.cordiger Port. 24-84² N.Y. Ark.
 tomentosus Web. 01-47¹ Me.-Ga.-Cal.-
velutinus Fab. 01-334² [Man.
 a.angustefasciatus Port. 25-170²
 a.aurigaster Port. 25-170²
 STICTONECROPTER Sem. 32-154
 pustulatus Hersch 07-271¹ Alas.-Newf.-
bicolor Newm. 38-385² [Fla.-Cal.
tarsus Mannh. 53-385²
 a.fasciatus Port. 24-86² Ky.-Que.-Fla.
 a.unicolor Port. 24-86² La.
 vespillo Linn. 58-359 Eur. Asia, Neb. Pa.
 pulsator Gistel 48-190² "N.A."
 vespilloides Hbst. 84-32⁶ Eur. Japan
 s.defodiens Mannh. 46-513⁶ Pac. Cst.
mortuarum Fab. 92-248⁶ [Japan
 a.hebes Kby. 37-96⁶ Alas. Y.T.
pygmaeus Kby. 37-98⁶
humeralis Hatch 27-7⁶
 a.conversator Walk. 66-320⁶ B.C.
lateralis Port. 03-330⁶
guigei Hatch 27-356⁶

SILPHINI

Silpha

- THANATOPHILUS Leach 15-89⁴
 trituberculata Kby. 37-101⁴
 lapponica Hbst. 93-269⁴
 HETEROSILPHA Port. 26-83⁴
 ramosa Say 23-193⁴
 XYLODREPA Thoms. 59-56
 quadripunctata Linn. 58-359^a Eur. Mass.
 OXELYTRUM Gistel 48-150
 discicollis Brullé 40-75^b Cal. N.M. Ariz.
analisis Chev. 43-26^{a b} [C.A. S.A.
æquinocialis Gistel 48-190^b
brasiliensis Dej. 33-118^b
cayennensis || Berg 01-328^b

AGYRTINI

- Agyrtes Fröl. 99-18⁷
 * longulus Lec. 59-282⁸ Cal.-Alas.
 similis Fall 37-29 Cal.
 Pelatines Ckll. 06-240⁷
 * (*Pelates* || Horn 80-244)⁷
 latus Mannh. 52-331⁸ Alas.-Wash.-Alb.
 Necrophilus Latr. 29-500⁷
 * pettiti Horn 80-243⁸ Can.-Ky.-Ind.
subterraneus of Horn 68-125⁸
 hydrophiloides Mannh. 43-253⁸ Alas.-
ater Mots. 45-263⁸ [Cal.

^a Angell in litt.^b Junk Col. Cat. pars 95.⁶ Leech—37.⁷ Rearrangement of genera, Hatch & Rueter—34.⁸ Leng Catalog and supplements.LYROSOMINI^{4 9}

- Pteroloma Gyll. 27-418¹⁰
 * (*Adolus* Fisch. 28-242)²
 (*Holocnemis* Schill. 29-93)²
 nebrioides Brown 33-213 Alas. Alb.
forsströmi of authors (not Gyll.)¹¹
 Apteroloma Hatch 27-12^{4 12 10}
 * (*Pteroloma* of authors)⁴
 caraboides Fall 07-235⁸ Wash.-Cal.
 tenuicornis Lec. 59-84⁸ Wash.-Cal.
 tahoea Fall 27-136⁵ Cal.

CATOPOCERINI⁴(*Pinodytini*)

- Catopocerus Mots. 69-351⁴
 (*Pinodytes* Horn 80-248)⁴
 (*Homaeosoma* Aust. 80-16)²
 ulkei Brown 33-215
cryptophagoideis of Horn 80-249¹¹

LEPTODIRIDÆ¹(*Catopidae, Silphidae*)Leptodirinae¹

- Platycholeus Horn 80-251¹
 * leptinoides Cr. 74-77¹ Cal. Ore. Nev.
 opacellus Fall 09-133¹ Cal.

Catopinæ¹

CATOPINI

- Nemadus Thoms. 67-351^{1 2}
 * pusio Lec. 59-282^{1 2} Cal.-B.C.
 horni Hatch 33-194² Mass.-Ala.-Ia.
pusio of Horn 80-262¹
 parasitus Lec. 53-282^{1 2} Que.-Va.-Tex.
 [Man.
 integer Fall 37-338 Mass.
 gracilicornis Fall 37-339 Mass.N.J.Man.
 obliquus Fall 37-339 Mass.-Pa.

Dissochaetus Reitt. 84-39¹

- * brachyderus Lec. 63-25¹ N.S.-N.Y.-Minn.
 arizonensis Hatch 33-197 Ariz.
 oblitus Lec. 53-282¹ Md.-Fla.-Ill.
 decipiens Horn 80-257¹ Wash.

Echinocoleus Horn 85-136¹

- * setiger Horn 85-136¹

⁹ Van Dyke—28.¹⁰ Definitely not Staphylinidæ, Brown—33, Szekessy—36, Van Dyke—28, the compiler, etc.¹¹ Brown—33.¹² Considered a synonym of *Pteroloma*, Brown—33.¹ Hatch—33.² Revision of genus, Fall—37.

Ptomaphagus Ill. 98-88¹
 * *californicus* Lec. 53-281¹ Cal.
nevadicus Horn 80-263¹ Nev. Colo. Kan.
schwarzi Hatch 33-203¹ Fla.
texanus Melander 02-329¹ Tex. Colo.
fisus Horn 85-137¹ Ariz. Cal.
consobrinus of Horn 80-262 (part)¹ Mo.
cavernicola Schw. 98-58¹ Mo.
laticornis Hatch 33-204 Cal.
ulkei Horn 85-137¹ Md. Va. N.C.
piperi Hatch 33-205 Wash. Cal.
consobrinus Lec. 53-281¹ Mass.-Fla.-
strigosus Lec. 53-281¹ [Okla.-Mich.
lecontei Murray 56-459¹

Adelops Tellk. 44-318¹

* *mitchellensis* Hatch 33-208 N.C.
lödingeri Hatch 33-209 Ala.
valentinei Jeann. 33-252³ Ala.
hatchi Jeann. 33-252³ Tenn.
hirtus Tellk. 44-318¹ Ky.

Catops Payk. 98-342¹

* **SCIODREPA** Thoms. 62-66¹
gratiosus Blanch. 15-294¹ Me.-Va.-Wash.
alsiosa of Blatch. 10-294¹
alsiosus Horn 85-136¹ Alas.-N.S.-N.Y.
simplex Say 25-184¹ Alas.-Lab.-Cal.-Ga.
luridipennis Mannh. 53-176¹
americanus Hatch 28-201¹ N.B.-N.C.-
 [N.M.-Minn.
clavicornis || Lec. 53-281¹
basilaris Say 23-194¹ Me.-N.C.-Cal.-Alb.
spenciana Kby. 37-108¹
cadaverinus Mannh. 43-82¹
brunnipennis Mannh. 53-176¹
egenus Horn 80-256¹ Alas.-Cal.
hornianus Blanch. 15-294¹ Que.-N.C.B.C.
SCIODREPOIDES Hatch 33-224¹
 (*Sciodrepa* of Ganglb.)¹
terminans Lec. 50-218¹ B.C.-N.B.-Ill.
fumata of Hatch 27-15¹

Prionocheeta Horn 80-260¹

* *opaca* Say 25-184¹ Que.-N.C.-Ark.-
 [Minn.]

Catoptrichus Murray 56-461¹

* *frankenhæuseri* Mannh. 52-332¹
 [Alas.-Wash.]

Coloninæ¹**Colon** Hbst. 97-224¹

* **COLON** (s.str.)¹
paradoxum Horn 80-270¹ Pa. D.C.
CURVIMANON Fleisch. 09-246¹
bidentatum Sahlb. 17-95¹ Eur. B.C. Alb.
 [N.J.]

MYLOECHUS Latr. 07-30¹
hubbardi Horq 80-270¹ Mich. Tenn. O.
productum Hatch 33-229 Mich.
excisum Hatch 33-229 N.C.
kincaidi Hatch 33-229 Wash.

dentatum Lec. 53-282¹ N. J. Que. O.
putum Horn 80-272¹ N.Y.
putatum Hatch 28-225¹
rufum Hatch 33-230 W.Va.
discretum Hatch 33-230 B.C.
rectum Hatch 33-231 W.Va.
pribilof Hatch 33-231 Alaska
schwarzi Hatch 33-232 N.C. Mich.
magnicollis Mannh. 53-177¹
 N.Y. O. Wis. Colo.
pusillum Horn 80-273¹ Y.T. Que.-D.C.
thoracicum Horn 80-274¹ Va.
asperatum Horn 80-274¹ Cal.-Me.

LEIODIDÆ⁴

(*Liodesidae*, *Agathidiidae*, *Anisotomidae*,
Siphidae)

LEIODINI⁴

Hydnobius Schm. 41-193⁴
 * *matthewsii* Cr. 74-74⁴ Cal.-B.C. Mo.
pallidum || Say 34-91⁴ [N.Y.
strigilatus Horn 80-280⁴ B.C. Nev.
arizonensis Horn 85-138⁴ Ariz.
obtusus Lec. 79-511^{4,5} Colo. B.C.
luggeri Hatch 27-18^{4,5} Alaska
longulus Lec. 79-511^{4,5} B.C.-Cal. Colo.
longidens Lec. 79-511⁴
substriatus Lec. 63-25^{4,5} N.S.-N.Y.-
curvidens Lec. 79-511⁴ [Wash.
laticeps Notm. 20-27^{4,5} N.Y.
pumilus Lec. 79-511^{4,5} Que. Colo. Cal.
latidens Lec. 79-512^{4,5}
kiseri Hatch 36-35 Wash.
lobatus Hatch 36-35 Wash.
femoratus Hatch 36-36 Wash. B.C.

* * *

validus Brown 32-202 (*Leiodes*)⁶ Que.

Typhloleiodes Hatch 35-116

* *subterraneus* Hatch 35-116 Ore.

Triarthron Märk. 40-141⁴

* *lecontei* Horn 68-131⁴ Ore. Cal.
cedonulli Schauf. 82-43⁴
pennsylvanicum Horn 83-284⁴ Pa.

Leiodes Latr. 02-163⁴

* (*Anisotoma* Schmidt 41-143, not
 [Panz.]^{4,5})

(*Liodes* Reitt. 84-93)⁴**LEIODES** (s.str.)⁴

alternata Melsh. 46-103⁴ Ga.
americana Knoch MS⁴
canadensis Brown 28-141⁴ Sask. Man.
oklahomensis Brown 28-142⁴ B.C.
horni Hatch 29-36⁴ Cal. Ore.
humeralis || Horn 80-285⁴
valida Horn 80-285⁴ N.H.-Colo.-B.C.
serripes Hatch 36-37 Wash.
merkeliana Horn 95-234⁴ Wash.

¹ Hatch—33.² Placed in genus *Ptomaphagus*, Jeannel—33.⁴ Hatch—20.⁵ Hatch—36.⁶ Hatch in litt.

- assimilis Lec. 50-221⁴ N.H.-Colo.-B.C.
 punctatostriata Kby. 37-110⁴ Alas.-B.C.
 indistincta Lec. 50-221⁴ [N.H.]
 laeta Mannh. 53-201⁴
 difficilis Horn 80-285⁴ Cal.
 collaris Lec. 50-221⁴ N.H.-Cal.-B.C.
 similis Fall 10-5⁴ Cal.
 curvata Mannh. 53-202⁴ Alas.-Cal.
 morula Lec. 59-282⁴
 opacipennis Fall 10-5⁴ Tex.
 antennata Fall 10-6⁴ Cal.
 lateritia Mannh. 52-345⁴ Alaska
 PSEUDOHYDNOBIUS Ganglb.
 [99-208⁵
 (*Parahydnobius* Fleisch.
 [08-18]⁵)
 conferta Lec. 66-367^{4 5} Ill. Pa.
 paludicola Cr. 74-74^{4 5} Cal.
 strigata Lec. 50-221^{4 5} Mich. Colo. B.C.
 OREOSPHAERULA Ganglb.
 [96-181⁴
 obsoleta Melsh. 46-107⁴ Atl.St.-Cal.
 sculpturata Fall 10-6⁴ Ariz.
 puritana Fall 25-310⁴ Mass.
 fusciclava Fall 25-311⁴ Cal.
- Anogdus** Lec. 66-369^{4 7 8}
 * luggeri Hatch 27-17⁴ Minn.
 dissimilis Blatch. 16-93^{4 7} Fla.
 capitatus Lec. 66-319^{4 7} Fla.
- Cainosternum** Notm. 21-148⁴
 * imbricatum Notm. 21-148⁴ N.Y.
- Colenis** Er. 41-221⁴
 * (*Colensia* Fvl. 02-287)⁴
 (*Pseudoliodes* Port. 26-77)⁴
 impunctata Lec. 53-284⁴ Fla.-La.-Mich.
- AGATHIDIINI⁴
- Anisotoma** Panz. 97-8^{4 9}
 * (*Pentatoma* || Schneid. 92-2)⁴
 (*Leiodes* || Schmidt 41-132)⁴
 (*Liodes* Er. 45-37)⁴
 blanchardi Horn 80-298^{4 7} Que. Mass. O.
 geminata Horn 80-299^{4 7} Que.-N.C.-Ill.
 confusa Horn 80-299^{4 7} Nev.
 insterstitialis Hatch 36-38^{10 7 11} Wash.
 globososa Hatch 29-56^{4 7} Que.-Ky.-Nev.-
 globosa || Lec. 50-222^{4 7} [B.C.]
 inops Brown 37-198 N.B.-Ont.-N.H.
 nevadensis Brown 37-199 Nev.
 bicolor || Horn 80-297^{7 12}
 expolita Brown 37-199 Ont.-Ga.-Mich.
 polita || Lec. 53-285⁷
 basalis Lec. 53-285^{4 7} Mich. Ill. Ind.
 dichroa Lec. 53-285^{7 12}
 amica Brown 37-201 Que. Ont. B.C.
 obsoleta Horn 80-298^{4 7} N.B.-Va.
 errans Brown 37-202 Que. Ont. B.C.
 discolor Mels. 46-103^{4 7} Can.-Va.-Mich.
 piceum Mels. 44-103⁷
- Stetholiodes** Fall 10-4⁴
 * laticollis Fall 10-4⁴ Ind.
- Neocyrtusa** Brown 37-161
 * obsoleta Melsh. 46-107⁷ D.C. N.C.
 blandissima Zimm. 69-250^{4 13}
 secreta Brown 37-163 Ont.
 superans Fall 10-7^{7 13} Ont.-Alb.
 puritana Fall 25-310⁷ Ont. Mass.
 potens Brown 32-205⁷ Que. Ont.
 insolita Brown 37-170 B.C. Sask.
 ?fusciflava Fall 25-311⁷ Cal.
 ?sculpturata Fall 10-6⁷ Ariz.
- Lionothus** Brown 37-170
 * ulkei Brown 37-171 D.C.
 blandissima of Horn 80-294⁷
- Cyrtusa** Er. 42-221⁷
 * luggeri Hatch 27-17⁷ Que.-Mich.-B.C.
- Cænocyrtusa** Brown 37-172
 * picipennis Lec. 63-25^{7 13} Que.-D.C.-B.C.
- Apheloplastus** Brown 37-173
 * egenus Lec. 53-284^{7 13} Que.-Ga.-Mich.
 impubis Zimm. 69-251⁷
- Isoplastus** Horn 80-277^{4 7}
 * fossor Horn 80-295^{4 7} Que.-D.C. Mich.
- Agathidium** Panz. 97-13¹⁴
 * AGATHIDIUM (s.str.)¹⁴
 oniscoides Beauv. 05-160^{14 15} Can.-Ga.-
 piceum Mels. 44-103⁴ [Miss. Mex.]
 globatile Lec. 78-593⁴
 rubellum Fall 34-105¹⁴ N.C.
 compressidens Fall 34-106¹⁴ N.C. N.H.
 exiguum Melsh. 44-103^{14 15} Can.-Fla.-
 ruficornis Lec. 50-222⁴ [Colo. Guat.]
 minutum Melsh. MS⁴
 dentigerum Horn 80-301^{14 15} Va. N.C.
 alutaceum Fall 34-107¹⁴ Alaska
 californicum Horn 80-301^{14 15} Cal.-
 [B.C. Guat.]
 depressum Fall 34-108¹⁴ Alas.-Cal.-
 [Ill.-Que.]
 jasperanum Fall 34-109¹⁴ Alb. Y.T.
 dubitans Fall 34-110¹⁴ N.M.
 revolvens Lec. 50-222^{14 15} Alas.-Cal.-
 [Mich.]
 cavisternum Fall 34-111¹⁴ B.C.
 virile Fall 01-219^{14 15} S.Cal.
 conjunctum Brown 33-46^{14 15} Nev.-B.C.
 omissum Fall 34-113¹⁴ Mont.
- NEOCEBLE Gozis 86-16¹⁴
- sexstriatum* Horn 80-302^{14 15} Cal. Nev.
 bistriatum Horn 80-303^{14 15} Cal. Nev.
 estriatum Horn 80-303^{14 15} Colo.
 parvulum Lec. 78-593^{14 15} L.Sup.
 parile Fall 34-117¹⁴ Cal.

⁷ Brown—37.⁸ Placed near *Cyrtusa* by Brown—37.⁹ Credited to Illiger, Hatch—36.¹⁰ Hatch—38.¹¹ As synonym of *confusa*, Brown—37.¹² As variety by Hatch—29.¹³ Placed in *Cyrtusa* (*Zeadolopus* Brown =) by Hatch—29.¹⁴ Hatch—36.¹⁵ Fall—34.

- rusticum Fall. 34-117¹⁴ N.H. Mass.
 lætum Fall 34-118¹⁴ Cal.
 contiguum Fall 34-119¹⁴ Wash.
 athabascanum Fall 34-119¹⁴ Alb.
 alticola Fall 34-120¹⁴ N.H.
 columbianum Fall 34-121¹⁴ B.C.
 rotundulum Mannh. 52-370^{14 15} Alas.-Cal.
 brevisternum Fall 34-122¹⁴ Cal.
 atronitens Fall 34-122¹⁴ Ill. D.C. Mo.
 repentinum Horn 80-303¹⁴ N.H. Mont.
 politum Lec. 66-370^{14 15} Can.-R.I.-Mo.
 maculosum Brown 28-145^{14 15} B.C. Wash.
maulosum Brown 28-230⁴
v.franciscanum Fall 34-126¹⁴ Cal.
 kincaidi Hatch 36-39 Wash.
 pulchrum Lec. 53-286^{14 15} N.H. Ky.
 [Wash. Cal.
mandibulatum Mannh. 53-203⁴
 varipunctatum Hatch 36-40 Wash.
 picipes Fall 34-130¹⁴ Cal.
 difforme Lec. 50-222^{14 15} N.H. Mich.
canadensis Brown 30-89^{14 15}
- CYPHOCEBLE Thoms. 59-59¹⁴
 angulare Mannh. 52-369^{14 15} Alas.-Cal.-
 [Ariz. Colo.
 concinnum Mannh. 52-370^{14 15} Alas.-
 [Cal.-Ariz.-Colo.
effluens Mannh. 53-202⁴
 municeps Fall 34-171¹⁴ N.H.
temporale || Fall 34-127^{14 15}
 assimile Fall 34-128¹⁴ Ind. N.H.
 mollinum Fall 34-128¹⁵ N.H. Me.
- Aglyptinus** Ckll. 06-240⁴
 * (*Aglyptus* Lec. 66-369)⁴
 (*Aglyptonotus* Champ. 13-65)⁴
 lævis Lec. 53-284⁴ E.Can.-Ga.-La.
- Olophrum** Er. 37-622³
 * (*Lathrium* Lec. 50-21)³
 obtectum Er. 40-865³ Me.-Pa.
emarginatum Er. 40-868³
rotundicolle || Say 34-464³
 latum Mäkl. 53-194^{3 4} Alaska
 boreale Payk. 92-146^{5 6} Eur. Bear Id.
 [Que. N.W.T.
marginatum Kby. 37-89^{5 6}
 parvulum Mäkl. 53-195³ Alaska
 marginatum Mäkl. 53-196³ Alaska
 consimile Gyll. 10-199³ Eur. Sib.
 [Alas.-N.Y.
v.minor J. Sahlb. 76-424³ ?N.A.
 rotundicolle C.R. Sahlb. 27-281³ Eur.
 [Sib.Newf.-Mich.-N.W.T.
convexicolle Lec. 50-21³
 convexum Mäkl. 53-195³ Alaska
- Orobanus** Lec. 78-453⁷
 * montanus Mank. 34-121 Mont.
 mormonus Mank 34-122 Utah
 falli Mank 34-122 Cal.
 densus Csy. 86-246⁷ Cal.
 rufipes Csy. 86-245⁷ Cal.
 simulator Lec. 78-453⁷ Colo. B.C.
- Boreaphilus** Sahlb. 34-433
 * americanus Notm. 18-188⁸ N.J.
 nearcticus Blair 33-95⁶ No.Que.
- Deleaster**
 dichrous Grav. 02-188^{7 10} Eur. Que.
- Trogophloeus**
 fulvipes Er. 40-804¹ S.A. C.A. W.I.
rubripennis Fvl. 63-440¹ [Fla.-Cal.
senilis Shp. 80-51¹ [Hawaii
texanus Csy. 89-334¹
- Oxytelus**
 insignitus Grav. 06-188¹ S.A. C.A.
 [W.I. N.A. Eur. Atl.Is. Pac.Is.
americanus Mannh. 30-48¹
pumilio Boh. 58-34¹

STAPHYLINIDÆ

- Trigonurus** Muls. & Rey 47-515¹
 * cælatum Lec. 74-48¹ Cal.
rugosus Shp. 75-204¹
 crotchi Lec. 74-48¹ Cal.-Alas.
lecontus Shp. 75-205¹
lecontei of authors¹
 edwardsi Shp. 75-205¹ Cal. Wash.
 dilaticollis VanD. 34-179¹ Cal B.C.²
(subcostatum Mäkl., belongs in
 [*Lathrimæum*]¹
- Thoracophorus**
 brevicristatus Horn 71-332¹ Mex. W.I.
 [Fla. Ariz.

⁴ Hatch—29.¹⁴ Hatch—36.¹⁵ Fall—34.¹ Blackwelder in MS.² R. Hopping—36.³ Revision of genus, Scheerpeltz—29.⁴ Voris in litt.⁵ Blair—33.⁶ Brown—37.⁷ Rearrangement of genus, Mank—34.⁸ Leng Catalog.⁹ Chagnon—34.¹⁰ Jules—35.¹¹ Fall in litt.

Stenus

falli Scheerp. 33-1154 Alas. Y.T.
frigidus || Fall 26-59¹²

PAEDERINI¹³**Thinocharis** Kr. 59-142¹³

SCIOCHARIS Lynch 84-260¹³
 carolinensis Csy. (Sciocharis)
 congruens Csy. (Sciocharis)
 nubipennis Csy. (Sciocharis)
 SCIOCHARELLA Csy. 05-151¹³
 exilis Er. 40-627¹ S.A. C.A. W.I.
atrátula Lynch 84-265¹ [Fla. Ala.
fragilis Shp. 86-574¹
minuta Shp. 86-574 (Sciocharis)¹
delicatula Csy. 05-159 (Sciocharis)¹
pertenuis Csy. 10-188¹

Lithocharis Bois. & Lac. 35-431¹³

(*Arthocharis* Cam. 21-372)¹³
 (*Metaxyodonta* Csy. 86-29)¹³
 (*Sunius* Steph. 32-274, not Er.)¹³
 LITHOCHARIS (s.str.)¹³
 ochracea Grav. 02-59¹ S.A. C.A. W.I.
 [U.S. Eur. Afr. India, China, Pac.Is.
rubricollis Grav. 06-138¹
testacea Bois. & Lac. 35-432¹
brunniceps Fairm. 49-290¹
fastidiosa Fairm. & Germ. 61-438¹
alutacea Csy. 86-30¹
quadricollis Csy. 86-31¹
 simplex Csy.
 sonoricus Csy.

PSEUDOMEDON Muls. & Rey
[78-122¹³

alabamæ Csy. (Pseudomedon)
 capitulus Csy. (Pseudomedon)
 clarescens Csy. (Pseudomedon)
 ruficollis Csy. (Pseudomedon)
 thoracicus Csy. (Pseudomedon)

Aderocharis Shp. 86-552¹³

ADEROCHARIS (s.str.)¹³
 corticinus Grav.

Stilomedon Shp. 86-565¹³

POLYMEDON Csy. 05-151¹³
 tabacinum Csy. (Polymedon)

Neomedon Shp. 86-557¹³

arizonense Csy.

Hypomedon Muls. & Rey 78-122¹³

(*Chloëcharis* Lynch 84-259)¹³
 (*Euastenus* Fiori 15-10)¹³
 (*Hemimedon* Csy. 05-152)¹³
Lena Csy. 05-189)¹³

HYPOMEDON (s.str.)¹³
 angustum Csy. (Hemimedon)
 curtipennis Scheerp. 33-1259¹²
brevipenne || Csy. 05-186 (Calo-
 [derma)¹²

conjug Csy. (Caloderma)
 continens Csy. (Caloderma)
 contractum Csy. (Caloderma)
 debilicornis Woll. 57-194¹ S.A. C.A.
 [W.I. Fla.-S.C.-Tex. Eur. Asia.
brevicornis Allard 57-747¹
egyptiaca Mots. 58-644¹
occulta Waterh. 76-108¹
rufula Lynch 84-259¹
pallidus Fiori 15-10¹

discolor Csy. (Caloderma)
 exile Csy. (Caloderma)
 luculentum Csy. (Caloderma)
 mobile Csy. (Caloderma)
 molle Csy. (Caloderma)
 peregrinum Csy. (Caloderma)
 pollens Csy. (Caloderma)
 quadripenne Csy. (Caloderma)
 reductum Csy. (Caloderma)
 rufipes Csy. (Hemimedon)
 tantillum Csy. (Caloderma)
 testaceum Csy. (Lena)
 OLIGOPTERUS Csy. 86-12¹³
 (*Micromedon* Csy. 05-153)¹³
 (*Medonella* Csy. 05-154)¹³

cuneicolle Csy. (Oligopterus)
 filum Csy. (Oligopterus)
 flexile Csy. (Oligopterus)
 minutum Csy. (Sciocharis)
 remotum Csy. (Oligopterus)
 CALODERMA Csy. 86-5¹³
 angulatum Csy. (Caloderma)
 rugosum Csy. (Caloderma)
 semibrunneum Csy. (Caloderma)
 TRACHYSECTUS Csy. 86-32¹³
 confluentum Say (Trachysectus)

Medon Steph. 32-273¹³

(*Oxymedon* Csy. 05-177)¹³

MEDON (s.str.)¹³

americanum Csy.
 rubrum Csy. (Oxymedon)
 texanum Csy.
 TETRAMEDON Csy. 05-178¹³
 rufipenne Csy. (Tetramedon)
 PLATYMEDON Csy. 89-184¹³
 (*Paramedon* Csy. 05-166)¹³
 arizonicum Csy. (Paramedon)
 boreale Csy. (Paramedon)
 conforme Csy. (Paramedon)
 consanguineum Csy. (Paramedon)
 contiguum Csy. (Paramedon)
 convergens Csy.
 caseyi Scheerp. 33-1256¹²
debilis || Csy. 05-174 (Paramedon)¹²
 difforme Csy. (Paramedon)
 distans Csy. (Paramedon)
 explicans Csy.
 gregale Csy. (Paramedon)
 gulare Csy. (Paramedon)
 helenæ Csy.
 humboldti Csy. (Paramedon)
 inquilinum Csy.
 insulare Csy.
 kernianum Csy. (Paramedon)
 lacustre Csy.

¹² Scheerpeltz—33.¹³ A generic revision of the Pæderini of the world, Blackwelder—39. Species examined are listed with indication of their former position if different from the present, but the list is not complete. See original catalog for citations, localities, and synonymy of the species.

- languidum* Csy. (Paramedon)
laticolle Csy. (Platymedon)
latiusculum Csy. (Paramedon)
lepidum Csy.
luctuosum Csy. (Paramedon)
malacum Csy. (Paramedon)
mimulum Csy. (Paramedon)
montanum Csy. (Paramedon)
nevadicum Csy. (Platymedon)
nitidulum Csy.
oriens Csy. (Paramedon)
pallescens Csy. (Paramedon)
pallidipenne Csy. (Paramedon)
puberulum Csy.
retrusum Csy. (Paramedon)
sinuatocolle Csy.
shastanicum Csy. (Paramedon)
sublestum Csy. (Paramedon)
subsimile Csy. (Paramedon)
tahoense Csy. (Paramedon)
vancouveri Csy. (Paramedon)
 MEDONODONTA Csy. 05-176 ¹²
alutaceum Csy. (Medonodonta)
- Orus** Csy. 84-136 ¹²
 ORUS (s.str.)¹²
boreellus Csy.
deceptor Csy.
distinctus Csy.
filius Csy.
fraternus Fall
caseyianus Scheerp. 33-1265 ¹² Cal.
longicollis || Csy. 05-197 ¹²
montanus Fall
pallidus Csy.
parallelus Csy.
pinalinus Csy.
provensus Csy.
pugetanus Csy.
punctatus Csy.
robustulus Csy.
shastanus Csy.
sonomæ Csy.
 LEUCORUS Csy. 05-191 ¹²
ferrugineus Csy. (Leucorus)
luridus Csy. (Leucorus)
ochrinus Csy. (Leucorus)
rubens Csy. (Leucorus)
 PYCNORUS Csy. 05-194 ¹²
dentiger Lec. (Pycnorus)
iowanus Csy. (Pycnorus)
- Scopæus** Er. 40-604 ¹²
(Leptorus Csy. 86-217)¹²
(Polyodontus Sol. 49-310)¹²
(Pseudorus Csy. 10-190)¹²
(Scoponeus Mots. 58-641)¹²
 SCOPÆUS (s.str.)¹²
angustissimus Csy.
arizonæ Csy.
bicolor Csy.
brachypterus Csy.
carolinæ Csy.
cervicula Csy. (Pseudorus)
crassulus Csy.
degener Csy.
- delicatus* Csy.
exiguus Er.
gilensis Csy.
hudsonicus Csy.
longiceps Csy.
macilentus Csy.
notangulus Csy.
picipes Csy.
prolixipennis Csy. (Pseudorus)
quadripennis Csy.
saginellus Csy.
spectralis Csy. (Pseudorus)
texanus Csy.
versicolor Csy.
 SCOPÆODERA Csy. 86-217 ¹²
nitidus Lec. (Scopæodera)
sonoricus Csy. (Scopæodera)
 SCOPÆOPSIS Csy. 05-191 ¹²
duryi Csy. (Scopæopsis)
elaboratus Csy. (Scopæopsis)
opacus Lec. (Scopæopsis)
pallens Csy. (Scopæopsis)
ventralis Csy. (Scopæopsis)
 SCOPÆOMA Csy. 05-191 ¹²
angusticeps Csy. (Scopæoma)
caseyi Scheerp. 33-1265 ¹² Colo.
procerus || Csy. 05-213 (Scopæo-
 [ma]¹²
notmani Scheerp. 33-1268 ¹²
pallidus || Notm. 21-152 (Scopæo-
 [ma]¹²
puritanus Csy. (Scopæoma)
rotundiceps Csy. (Scopæoma)
truncaticeps Csy. (Scopæoma)
- Megastilicus** Csy. 89-183 ¹²
formicarius Csy.
- Stilicolina** Csy. 05-223 ¹²
(Omostilicus Csy. 05-229)¹²
sonorina Csy. (Omostilicus)
tristis Melsh.
- Pachystilicus** Csy. 05-226 ¹²
hanhami Wickh.
- Stilicus** Latr. 25-495 ¹²
(Rugilus Curt. 27-168)¹²
(Stilicosoma Csy. 05-219)¹²
abbreviellus Csy.
angularis Er.
apicalis Csy.
biarmatus Lec.
dentatus Say
lacustrinus Csy.
latiusculus Csy.
luculentus Csy.
minusculus Csy.
nigrolucens Csy.
opaculus Lec.
oregonus Csy.
rudis Lec.
- Acrostilicus** Hubb. 96-299 ¹²
hospes Hubb.

¹² Scheerpeltz—33.¹³ Blackwelder—39.

Lathrobium Grav. 02-51¹³*(Centrocnemis* Jos. 68-365)¹³**LATHROBIUM** (s.str.)¹³*(Litolathra* Csy. 05-71)¹³

amplipenne Csy.
 amputans Csy. (Litolathra)
 armatum Say
 leconteanum Scheerp. 33-1278¹²
concolor || Lec. 63-44 (Litolathra)¹³
 confusum Lec. (Litolathra)
 convictor Csy. (Litolathra)
 crurale Csy. (Litolathra)
 dakotanum Csy. (Lathrobioma)
 deceptivum Csy.
 divisum Lec.
 franciscanum Csy.
 gravidulum Csy.
 hesperum Csy. (Lathrobioma)
 illini Csy.
 innocens Csy.
 inops Csy. (Lathrobioma)
 inornatum Csy. (Litolathra)
 longiventre Csy.
 neglectum Csy.
 nigrolineum Csy. (Lathrobioma)
 nigrofuscum Csy.
 obtusum Csy.
 oregonum Csy. (Lathrobioma)
 othioides Lec. (Lathrobioma)
 picescens Csy.
 postremum Csy.
 praelongum Csy.
 procerum Csy.
 rhodeanum Csy. (Litolathra)
 rigidum Csy.
 scolopaceum Csy. (Lathrobioma)
 simile Lec.
 simplex Lec.
 sparsellum Csy.
 spissicorne Csy.
 subæquale Csy.
 subgracile Csy. (Litolathra)
 suspectum Csy. (Litolathra)
 vancouveri Csy.
 virginicum Csy. (Lathrobioma)
 washingtoni Csy.

LATHROLEPTA Csy. 05-72¹³

debile Lec. (Lathrolepta)

DERATOPEUS Csy. 05-73¹³

nanulum Csy. (Lathrobioma)
 nitidulum Lec. (Deratopeus)
 parvipenne Csy. (Deratopeus)
 semirubidum Csy. (Litolathra)

TETARTOPEUS Czwal. 88-349¹³

agitans Csy. (Tetartopeus)
 angulare Lec. (Tetartopeus)
 callidum Csy. (Tetartopeus)
 captiosum Csy. (Tetartopeus)
 finitimum Lec. (Tetartopeus)
 floridanum Csy. (Tetartopeus)
 furvulum Csy. (Tetartopeus)
 hebes Csy. (Tetartopeus)
 lacustre Csy. (Tetartopeus)
 nigerum Lec. (Tetartopeus)
 nigrescens Csy. (Tetartopeus)

punctulatum Lec. (Tetartopeus)
 rubripenne Csy. (Tetartopeus)
 semirubrum Csy. (Tetartopeus)
 stibium Csy. (Tetartopeus)
 terminatum Grav. (Tetartopeus)
 tetricum Csy. (Tetartopeus)
ABLETOBIUM Csy. 05-70¹³
 pallescens Csy. (Abletobium)
APTERALIUM Csy. 05-70¹³
 brevipenne Lec. (Apteralium)
 carolinæ Csy. (Apteralium)
LATHROBIOPSIS Csy. 05-72¹³
 texana Csy. (Lathrobiopsis)
LATHROBIOMA Csy. 05-72¹³
 tenue Lec. (Lathrobioma)

Lobrathium Muls. & Rey 78-29¹³*(Bathrolium* Gozis 86-14)¹³*(Lathrobiella* Csy. 05-75)¹³*(Lathrotaxis* Csy. 05-74)¹³**EULATHROBIUM** Csy. 05-73³*(Lathrotropis* Csy. 05-74)¹³

caseyi Blais. (Lathrotropis)
 gnomum Csy. (Lathrotropis)
 grande Lec. (Eulathrobium)
 jacobinum Lec. (Lathrotropis)
 puncticeps Lec. (Lathrotropis)
 relictum Csy. (Lathrotropis)
 subseriatum Lec. (Lathrotropis)
 ustulatum Csy. (Lathrotropis)
 vafrum Csy. (Lathrotropis)
 validiceps Csy. (Lathrotropis)
PSEUDOLATHRA Csy. 05-74¹³
(Linolathra Csy. 05-75)¹³
(Microlathra Csy. 05-75)¹³
(Paralathra Csy. 05-75)¹³

æmulum Csy. (Lathrobiella)
 ambiguum Lec. (Lathrobiella)
 anale Lec. (Pseudolathra)
 angustulum Csy. (Lathrobiella)
 angustum Csy. (Lathrotaxis)
 atriventre Csy. (Lathrobiella)
 bardum Csy. (Lathrobiella)
 cupidum Csy. (Lathrobiella)
 depressulum Csy. (Lathrobiella)
 dimidiatum Say (Linolathra)
 famelicum Csy. (Lathrobiella)
 filicorne Csy. (Paralathra)
 filitarse Csy. (Linolathra)
 perfragile Scheerp. 33-1280¹²
fragile || Csy. 05-139 (Lathrobiella)¹⁷
 gaudens Csy. (Linolathra)
 gracilicorne Csy. (Lathrobiella)
 habile Csy. (Lathrobiella)
 involatum Scheerp. 33-1277¹²
integrum || Csy. 05-141 (Lathro-
 [biella])¹²
 leviceps Csy. (Pseudolathra)
 lineiforme Csy. (Microlathra)
 lituarium Lec. (Linolathra)
 merens Csy. (Lathrobiella)
 modestum Csy. (Lathrobiella)
 nigricans Csy. (Lathrobiella)
 oregonense Csy. (Lathrobiella)

- pallidulum Lec. (Microlathra)
 robustulum Csy. (Lathrobiella)
 rubidum Csy. (Lathrobiella)
 rutilans Csy. (Microlathra)
 tricolor Csy. (Lathrobiella)
 vagans Csy. (Lathrobiella)
 ventralis Lec. (Lathrobiella)
 LOBRATHIUM (s.str.)¹²
 acomanum Csy. (Lathrotaxis)
 atronitens Csy. (Lathrotaxis)
 caseyanum Scheerp. 33-1274¹²
 bipartitum || Csy. 05-122¹²
 californicum Lec. (Lathrotaxis)
 canorum Csy. (Lathrotaxis)
 centurio Csy. (Lathrotaxis)
 collare Er. (Lathrobiella)
 coloradense Csy.
 expressum Csy. (Lathrotaxis)
 fallaciosum Csy. (Lathrotaxis)
 fallax Csy. (Lathrobiella)
 floridæ Csy. (Lathrotaxis)
 galvestonicum Csy. (Lathrotaxis)
 longiusculum Grav. (Lathrotaxis)
 montanicum Csy.
 politum Grav. (Lathrotaxis)
 præceps Csy. (Lathrotaxis)
 rubricollis Csy. (Lathrotaxis)
 soror Csy. (Lathrotaxis)
 tacomæ Csy.
- Acalophæna** Shp. 86-554¹³
 (*Calophæna* Lynch 84-267)¹³
 compacta Csy.
- Dacnochilus** Lec. 63-47¹³
 lætus Lec.
- Pæderus** Fabr. 75-268¹³
 (*Pæderomorphus* Gaut. 62-75)¹³
 PÆDERUS (s.str.)¹³
 (*Leucopæderus* Csy. 15-59)¹³
 (*Pæderidus* Muls. & Rey
 [78-245])¹³
 (*Pæderillus* Csy. 05-59)¹³
 canonicus Csy.
 carolinæ Csy.
 comptens Lec.
 femoralis Lec.
 floridanus Aust.
 grandis Aust.
 iowensis Csy.
 littorarius Grav.
 nevadensis Aust.
 obliteratus Lec.
 pugetensis Lec.
 riparius Linn.
 saginatus Csy.
 texanus Csy.
 ustus Lec.
 NEOPÆDERUS Blkwr. 39-97¹³
 littoreus Aust.
 palustris Aust.
- Lissobiops** Csy. 05-25¹³
 serpentinus Lec.
- Homœotarsus** Hochh. 51-34¹³
 (*Spirosoma* Mots. 58-206)¹³
 GASTROLOBIUM Csy. 05-23¹³
 arizonensis Horn (Gastrolobium)
 atriceps Csy. (Gastrolobium)
 badius Grav. (Gastrolobium)
 bicolor Grav. (Gastrolobium)
 carolinus Er. (Gastrolobium)
 coloradensis Csy. (Gastrolobium)
 convergens Csy. (Gastrolobium)
 despectus Lec. (Gastrolobium)
 floridanus Lec. (Gastrolobium)
 illinianis Csy. (Gastrolobium)
 lecontei Horn (Gastrolobium)
 melanocephalus Er. (Gastrolobium)
 obliquus Lec. (Gastrolobium)
 parallelus Csy. (Gastrolobium)
 peninsularis Csy. (Gastrolobium)
 pimerianus Lec. (Gastrolobium)
 proximus Csy. (Gastrolobium)
 spissiceps Csy. (Gastrolobium)
 strenuus Csy. (Gastrolobium)
 subatrus Csy. (Gastrolobium)
 suturalis Csy. (Gastrolobium)
 texanus Lec. (Gastrolobium)
 vagus Horn (Gastrolobium)
 ventralis Horn (Gastrolobium)
 virginicus Csy. (Gastrolobium)
 HESPEROBIUM Csy. 05-33¹³
 atronitens Csy. (Hesperobium)
 californicus Lec. (Hesperobium)
 capito Csy. (Hesperobium)
 cinctus Say (Hesperobium)
 clavicornis Csy. (Hesperobium)
 cribratus Lec. (Hesperobium)
 flavicornis Lec. (Hesperobium)
 pacificus Csy. (Hesperobium)
 pallipes Grav. (Hesperobium)
 parviceps Csy. (Hesperobium)
 rubripennis Csy. (Hesperobium)
 sellatus Csy. (Hesperobium)
 tumidus Lec. (Hesperobium)
 vancouveri Csy. (Hesperobium)
- Cryptobium** Mannh. 30-38¹³
 ABABACTUS Shp. 85-533¹³
 pallidiceps Csy. (Ababactus)
 NEOBACTUS Blkwr. 39-96¹³
 nunenmacheri Blkwr. 39-96
- Biocrypta** Csy. 05-26¹³
 magnolia Blatch.
 prospiciens Lec.
- Stilicopsis** Sachse 52-144¹³
 paradoxa Sachse
 subtropica Csy.

¹² Scheerpeltz—33.¹³ Blackwelder—39.

Stannoderus Shp. 86-607¹³

- carolinæ Csy.
monstrosus Lec.
pallidus Csy.

Astenus Steph. 32-275¹³

(*Astenognathus* Reitt. 09-150)¹³
(*Sunius* Er. 39-523, not Steph.)¹³

ASTENUS (s.str.)¹³

- americanus Csy.
arizonianus Csy.
binotatus Say
brevipennis Aust.
californicus Aust.
cinctus Say
discopunctatus Say
fusciceps Csy.
inconstans Csy.
linearis Er.
longiusculus Mannh.
ornatellus Csy.
prolixus Er.
robustus Csy.
sectator Csy.
similis Aust.
simulans Csy.
specter Csy.
strigilis Csy.
tenuiventris Csy.
zuni Csy.
sinuaticollis Brg. 34-29

Pa.

Echiaster Er. 40-636¹³ECHIASTER (s.str.)¹³

- ludovicianus Csy.
LEPTOGENIUS Csy. 86-214¹²
brevicornis Csy. (Leptogenius)

* * *

Leptacinus¹

- parumpunctatus Gyll. 27-481¹ W.I. N.A.
[Eur. Afr. Asia, Australia

- longicollis* Steph. 33-259¹
ampliventris Duval 54-37¹
radiosus Peyron 58-421¹
pallidipennis Mots. 58-206¹
tricolor Kr. 59-110¹
flavipennis Kr. 59-111¹
amissus Fairm. & Coqu. 60-158¹
breviceps Waterh. 77-24¹
papuensis Fvl. 78-242¹
sardous Fiori 94-94¹
rubricollis Reitt. 99-157¹
fauveli Cam. 22-114¹

¹ Blackwelder in MS.

STAPHYLININI

Diochus Er. 39-300

- * *nanus* Er. 39-301¹ S.A. C.A. W.I. N.A.
schaumi Kr. 60-27¹
parvulus Kr. 60-27¹
longicornis Shp. 76-184¹
vicinus Shp. 76-185¹
tarsalis Shp. 76-185¹
flavicans Shp. 76-185¹
inornatus Shp. 85-466¹
vilis Shp. 85-467¹
maculicollis Fvl. 91-106¹
brevipennis Csy. 06-431¹
thoracicus Csy. 06-432¹
pallidiceps Csy. 06-432¹
perplexus Cam. 22-116¹
apicipennis Cam. 22-116¹
antennalis Cam. 22-117¹
pumilio Bnhr. 29-193¹

Philonthus

- lacustrinus Scheerp. 33-1347¹²
lacustris || Csy. 15-432¹²
thermarum Aube 50-316¹ S.A. W.I. Mo.³
[D.C. Eur. Asia, Afr.
exilis Kr. 51-292¹
angustatus Kr. 59-92¹
pygmaeus Kr. 59-93¹
fuscoaterus Mots. 59-76¹
inclinans Walker 59-51¹
flavolimbatus Er. 40-471¹ S.A. C.A.
[W.I. Fla.-Cal.
apicipennis Lynch 84-155¹
hepaticus Er. 40-451¹ S.A. C.A. W.I.
[Cal. Nev. Ariz. Pa. Kan. Australia
vilis Er. 40-451¹
orphanus Er. 40-452¹
nanus Melsh. 46-36¹
cinctulus Melsh. 46-37¹
palleolus Melsh. 46-37¹
rufipennis Sol. 49-317¹
varicolor Boh. 58-29¹
pyropterus Kr. 59-12¹
pauvillus Solsky 67-133¹
parvimanus Shp. 85-406¹
cinctulus Bnhr. & Schub. 14-341¹
varians Payk. 89-45¹ W.I. N.A. Eur.
[Afr. Asia.
bipustulatus Grav. 02-37¹
aterrimus Marsh. 02-513¹
nitens Grav. 02-26¹
opacus Grav. 02-26¹
bimaculatus Marsh. 02-525¹
intaminatus Steph. 32-235¹
lituratus Steph. 32-238¹
punctiventris Steph. 32-235¹
unicolor Steph. 32-224¹
costatus Baudi 48-29¹
incompletus Hochh. 49-153¹
scutatus Epp. 95-127¹
alpigradus Muls. & Rey 75-481¹
proteus Everts 22-124¹
brunneipennis Everts 22-124¹
piceicornis Grid. 20-18¹
fuscicoxis Scheerp. 33-1366¹

- longicornis* Steph. 32-237¹ S.A. C.A.
 [W.I. N.A. Eur. Afr. Asia, etc.]
fuscicornis Nord. 37-96¹
scybalarius Nord. 37-94¹
feralis Er. 40-469¹
promptus Er. 40-929¹
varians Fairm. 49-290 (not Payk.)¹
algericus Mots. 58-663¹
pedestris Walk. 59-51¹
asemus Kr. 59-86¹
perplexus Fairm. & Germ. 61-431¹
fumosus Sols. 68-134¹
letabilis Olliff 87-501¹
linkei Bnhr. 08-34¹
rubromaculatus Bnhr. 15-9¹
picicornis Grid. 20-18¹
ventralis Grav. 02-174¹ S.A. W.I. N.A.
 [Eur. Asia, Afr.]
anthrax Grav. 02-176¹
immundus Grav. 06-66¹
celer Grav. 06-66¹
picicollis Steph. 32-224¹
fulvipes Steph. 32-229 (not Fabr.)¹
rotundiceps Steph. 32-248¹
proximus Woll. 57-189¹
fortunatus Woll. 65-493¹
discoideus Grav. 02-38¹ W.I. N.A. Eur.
 [Afr. Asia, Hawaii]
testaceus Payk. 89-28¹
suturalis Marsh. 02-509¹
lepidulus Steph. 32-223¹
conformis Bois. & Lac. 35-398¹
ruficornis Melsh. 46-38¹
rufipennis Gerh. 10-555¹
gerhardtianus Scheerp. 33-1340¹
kessleri Blatch. 36-256
multipunctatus || Blatch. 10-389
- Belonuchus**
rufipennis Fabr. 01-597¹ S.A. C.A. W.I.
formosus Grav. 06-72¹ [N.A.]
apicalis Dej. 33-63¹
pallipes Melsh. 46-35¹
schæfferi Cooper 33-545 Tex.
- Cafius** Steph. 32-345¹⁴
 * CAFIUS (s.str.)¹⁴
nudus Shp. 74-36¹⁴ Japan, Vanc.
johnsoni Fall 16-13¹⁴
 BRYONOMUS Csy. 86-313¹⁴
canescens Makl. 52-313¹⁴ Cal.-Alas.
seminitens Horn 84-236¹⁴ Cal.
 EUREMUS Brg. 34-68¹⁴
decipiens Lec. 63-40¹⁴ Cal.
sulcicollis Lec. 63-40¹⁴ Cal.
luteipennis Horn 84-237¹⁴ L.Cal.-Vanc.
bistriatus Er. 40-502¹⁴ N.Y.-Fla. W.I.
bilineatus Er. 40-503¹⁴
rufifrons Brg. 34-68¹⁴
 PSEUDOREMUS Koch 36-179¹⁴
opacus Lec. 63-40¹⁴ Cal.
lithocharinus Lec. 63-38¹⁴ Cal.
 REMUS Holme 37-64¹⁴
sericeus Holme 37-64¹⁴ Eur. Atl.Cst.
f.aguayoi Brg. 34-66^{14 15} Atl.Cst.
f.femoralis Mäkl. 53-189¹⁴ Alas.-Cal.
- Staphylinus**
caseyi Scheerp. 33-1392
quadriceps || Csy. 25-149¹²
macgregori Cooper 33-264 Ariz.
globulifer Fourc. 85-164¹⁶ Eur. Que.
edentulus Block 99-115¹⁶
morio Grav. 02-6¹⁶
- Creophilus**
 * *maxillosus* Linn. 58-421¹ C.A. W.I. N.A.
 [Eur. Asia, Afr.]
anonymus Sulz. 61-17¹
balteatus DeG. 74-18¹
fasciatus Fuess. 75-21¹
nebulosus Fourcr. 85-165¹
villosus Grav. 02-160¹
ciliaris Steph. 32-202¹
arcticus Er. 39-350¹
cinerarius Er. 39-350¹
bicinctus Mannh. 43-229¹
orientalis Mannh. 43-229¹
fulvago Mots. 60-120¹
imbecillus Shp. 74-28¹
medialis Shp. 74-28¹
subfasciatus Shp. 74-28¹
pulchellus Meier 99-99¹
canariensis Bnhr. 08-334¹
- Quedius**
caseyi Scheerp. 33-1435 Man.
curtipennis || Csy. 15-414¹²
- Anacyptus** Horn 77-87
 (*Microcyptus* Horn 82-1)¹
 * *testaceus* Lec. 63-30¹ W.I. Fla.-Ariz.-
 [L.Sup.]
- Tachyporus** Grav. 02-124¹⁷
 * *nitidulus* Fabr. 81-337¹⁷ Mass.-Va.-Cal.-
brunneus Fabr. 92-535¹⁷ [B.C.]
jaber Say 34-468¹⁷
scitulus of Horn 77-105¹⁷
nanus Er. 40-240¹⁷ D.C. Pa. Mich.
rulomus Blkwr. 36-44 Alas.-Cal.-Mich.
tehamæ Blkwr. 36-45 Cal.
californicus Horn 77-104¹⁷ Cal.-Wash.
stejnegeri Blkwr. 36-47 Alaska
jocosus of Lin. & Schw. 98-333¹⁷
maculipennis Lec. 66-374¹⁷ Vt.-Ga.-
 [N.M.-B.C.]
elegans Horn 77-103¹⁷ Mass.-W.Va.-
 [Okla.-Man.]
snyderi Blkwr. 36-49 D.C.-Fla.-Ky.
temacus Blkwr. 36-49 Colo. Nev. Sask.
jocosus Say 34-466¹⁷ N.H.-Fla.-Cal.-
ardus Er. 40-237¹⁷ [Y.T.]
pulchrus Blatch. 10-447¹⁷ Ind.
oregonus Blkwr. 36-51 Ore. Cal.
acaudus Say 34-467¹⁷ Mass.-Ky.-N.M.-
 [Wash.-Ont.]
maculicollis Lec. 66-374¹⁷
heterocerus Lec. MS¹⁷
angusticollis Lec. MS¹⁷
arizonicus Blkwr. 36-53 Ariz.
alleni Blkwr. 36-53 Ore.
mexicanus Shp. 83-311¹⁷ Mex. Tex.

¹ Blackwelder in Ms.¹⁴ Revision of genus, Koch—38.¹⁵ Described as valid species, Bierig—34.¹² Scheerpeltz—33.¹⁶ Chagnon—36.¹⁷ Revision of genus, Blackwelder—36.

Leucoparyphus Kr. 57-393

* silphoides Linn. 67-684¹ W.I. N.A. Eur.
[Asia, Afr.]

suturalis Panz. 94-18¹
marginalis Grav. 02-192¹
limbatus Grav. 06-12¹
pictus Er. 39-246¹
geminatus Rand. 38-39¹

Coproporus Kr. 57-399¹⁸

* (*Erchomus* Mots. 58-218)¹⁸
(*Cilea* Pand. 69-277, not Duval)¹⁸
ventriculus Say 34-466¹⁸ N.H.-Fla.-Cal.-
[Wash.-Man.]

acuctus Kby. 37-90¹⁸
affinis || Kby. 37-91¹⁸
gibbulus Er. 39-252¹⁸
punctulatus Melsh. 46-32¹⁸
flavidus Csy. 84-141¹⁸
politus || Manee 15-175¹⁸
maneei Scheerp. 34-1517
rutilus Er. 39-253¹⁸ S.A. C.A. W.I. Tex.
brevis Scriba 55-296 (not Sharp)¹⁸
lecontei Blkwr. 38-5 Ariz. Cal.
punctipennis || Lec. 63-31¹⁸
lævis Lec. 63-31¹⁸ Md.-Fla.-Tex.-Ind.
sparsus Blkwr. 38-7 Ariz.
hepaticus Er. 39-249¹ S.A. C.A. W.I.
convexus Er. 39-248¹ [Tex.-Cal.]
ignavus Shp. 76-87¹
inflatus Horn 77-107^{1 18}
arizonæ Blkwr. 38-8 Mex. Ariz. Tex.
pulchellus Er. 39-247¹ S.A. C.A. W.I.
cumanensis Scriba 55-297¹ [Fla.]
infimus Duval 57-33¹⁸
distans Shp. 76-92¹

Philoterme Kr. 57-13¹⁹

pilosus Kr. 57-14¹⁹ Mass.-D.C.-Ill.
fuchsii Kr. 57-15¹⁹ Fla.-Tenn.-Ark.
pennsylvanicus Kr. 57-15¹⁹ Mass.-D.C.-
[Ill.-Tex.]
emersoni Seevers 38-435¹⁹ Ind.

Atheta

fenyesianae Scheerp. 34-1607
annuliventris || Fenyés 14-49¹²
occidentalis Bnhr. (Cat. No. 5108 &
[No. 5133])

Baryodma

bilineata Gyll. 10-436⁴ Eur. N.A.

Termitonidia Seevers 38-428²⁰

lunata Seevers 38-429 Ariz.

Eburniogaster Seevers 38-424²⁰

termitocolus Seevers 38-426 Ariz.
texanus Brues 02-186²¹ Tex.

⁴ Voris in litt.¹⁸ Revision of genus, Blackwelder—38.¹⁹ Revision of genus, Seevers—38.²⁰ Should follow Termitogaster in Aleocharini (near Ocalea).²¹ Seevers—38.**PSELAPHIDÆ****Actium**

pennsylvanicum Bowm. 34-141 Pa.

Euplectus

excavatus Bowm. 34-141 Pa.

Trigonoplectus Bowm. 34-37¹

minutus Bowm. 34-38 Pa.
rostratus Bowm. 34-38 Pa.

Biblopectus

exilis Bowm. 34-141 Pa.

Batrisodes

kahli Bowm. 34-141 Tenn.

Brachygluta

mormon Bowm. 34-142 Utah

Reichenbachia

utahensis Tanner 34-43 Utah

Decarthron

setosum Bowm. 34-142 Pa.

Pselaphus

ulkei Bowm. 34-142 Can. Mass. Ida.
[S.D.]

HISTERIDÆ²**Hololeptinæ**²**Hololepta**²**Iliotona**³**Teretriinæ**²**Teretrius**²**Teretriosoma**²**Abraëinæ**²**Peploglyptus**²**Onthophilus**²**Plegaderus**²

setulosus Ross 38-50 E.C.

Bacanius²¹ To precede Acalonia, Bowman—34.² An alternative arrangement of genera differing from Leng's, is given by Bickhardt in Genera Insectorum fasc. 166, and above.³ Leng Catalog.

Anapleus :

- marginatus* Lec. 53-292
compactus Csy. 93-558⁴
mexicanus Csy. 16-248⁴

Abraeus :**Acritis** :**Saprininae** :**Saprinus** -

- felipæ* Lewis 13-87
alienus Lec. 51-167
shautzi Csy. 24-200⁴
pennsylvanicus Payk. 11-62
profusus Csy. 93-566⁴
semistriatus Scriba 90-76 Eur. Afr.
 [Mex. Ia.-Mich.
semipunctatus Payk. 98-45⁶
acuminatus Fabr. 98-37⁶
nitidulus Fabr. 01-85⁶
incrassatus Men. 32-170⁶
krynickyi Kryn. 32-113⁶
turcomanicus Men. 48-55⁶
subattematus Mots. 49-95⁶
planiusculus Mots. 49-97⁶
sparsipunctatus Mots. 49-97⁶
uralensis Mots. 49-98⁶
punctostriatus Mars. 62-460⁶
steppensis Mars. 62-460⁶
rugipennis Hockh. 72-225⁶
hockhuthi Reitt. 06-267⁶
subnitescens Bickh. 09-221⁶
imperfectus of Blatch. 10-620⁶
lecontei Csy. 16-262⁶
pacoviensis Roubal 27-94⁶
assimilis Payk. 11-63
simulatus Blatch. 10-621⁶
conformis of Blatch. 10-620⁶
semisulcus Hatch 29-79⁷
conformis Lec. 45-72
oviformis Blatch. 10-622⁶
sphaeroides Lec. 45-77
impunctellus Csy. 93-571⁶
lakensis Blatch. 10-623⁶
illinoensis Woic. 12-161⁶
eriensis Hatch 29-82⁶
ontariensis Hatch 29-82⁶
ohioensis Hatch 29-82⁶
michiganensis Hatch 29-83⁶
seminitens of Blatch. 10-623⁶
alutiger Wenzel 35-189 Wis. Ind.
prosternalis Hinton 35-78 L. Cal.
strigithorax Hinton 35-79 L. Cal.
ferrugineus Mars. 55-712
lustrans Csy. 16-269⁴
bigemmus Lec. 51-169
parvus Csy. 16-273⁴
strigilarius Csy. 16-274⁴
fitschi Mars. 62-494
omissus Csy. 16-272⁴
ludovicianus Csy. 24-206⁴

Tex.⁵Eur. Afr.
[Mex. Ia.-Mich.

Wis. Ind.

L. Cal.

L. Cal.

- lucidulus* Lec. 51-170
recticollis Csy. 24-204⁴
diego Csy. 24-204⁴
obsolescens Csy. 24-205⁴
dimidiatipennis Lec. 24-170
palmaris Say 25-42 (or aberr.)⁵

Bæckmanniolus Rchdt. 26-12⁹

- balloui* Hntn. 35-80⁹ L. Cal.
gaudens Lec. 51-165 Cal. Mex.
guardens Hntn. 35-81⁹
palmaris Say 25-42⁹ E. U.S.
serrulatus Lec. 51-165⁹ Cal.

Chelyoxenus :

- * *xerobatis* Hubb. 94-309 Fla.
repens Csy. 16-262⁴
insolitus Csy. 16-263⁴

Gnathoncus :**Dendrophilinae** :**Dendrophilus** :

- punctatus* Hbst. 92-41
punctulatus Say 25-45¹⁰
xavieri Lewis¹⁰ Japan
sexstriatus Hatch 38-18 Iowa
tularenensis Ross 37-67 Cal.

Xestipyge :**Careinops** :

- gilensis* Lec. 51-164
uteana Csy. 16-242⁴
consors Lec. 51-164
papagoana Csy. 93-554⁴
nigra Csy. 16-242⁴
opuntiae Lec. 51-164
bisculpta Csy. 16-243⁴
perlata Csy. 16-244⁴

Paromalus :**Isolomalus** :

- seeversi* Wenzel 37-266 Kan.
seminulum Er. 34-171
ovulatus Csy. 16-246⁴

Histerinae**TRIBALINI** :**Epierus** :**Stictostix** :**Tribalister** :**Idolia** :**Cærosternus** :⁸ Leng & Mutchler—34.⁹ Hinton—35.¹⁰ Wenzel in litt. (after Ross).² An alternative arrangement of genera differing from Leng's, is given by Bickhardt in *Genera-Insectorum* fasc. 166, and above.⁴ Wenzel in litt.⁵ Ballou in litt.⁶ Wenzel—39.⁷ Wenzel—35.

PLATYSOMINI²Cylistix²

- cylindrica* Payk. 11-91
parvula Csy. 24-198⁴

Platysoma²

- depressum* Lec. 45-40
pinorum Csy. 16-202⁴
tabellum Csy. 93-551⁴

Omalodes²HISTERINI²Psiloscelis²Hister²

- felipæ* Lewis 01-373⁵ Kans.
ænigmaticus Wenzel 37-267 Ind.
semiruber Csy. 93-539
solaris Carn. 15-144⁴
militaris Horn 70-135 Cal. Ore. Wash.
oregonus Csy. 93-549¹¹
electus Csy. 93-548¹¹
simplicipes Fall 01-235¹¹
ciliatus Lewis 88-199¹² Mex. Ariz.
sexstriatus Lec. 51-163
maritimus Csy. 16-214¹¹
s.jacobianus Csy. 16-215¹¹
stygicus Lec. 45-48
jaquesi Hatch 29-76⁶
interruptus Beauv. 05-180
immunis Er. 34-143⁶
albertensis Hatch 26-275⁶
carri Hatch 26-276⁶
foedatus Lec. 45-50
texensis Csy. 24-217⁴
PARALISTER Bickh. 16-188
cognatus Lec. 45-28¹³ N.Y.-Can.-Tex.
unicus Csy. 93-547^{5 13}
sinuosus Lewis 00-231¹³
marginicollis Lec. 45-28¹³ Ill. Ind.
remotus Lec. 59-70¹³ Cal. Ore.
semisculptus Lec. 63-60¹³ Ill.
californicus Mars. 54-115¹³ L.Cal. Mex.

* * *

- abbreviatus* Fab. 75-53
coloradensis Csy. 24-198⁴
depurator Say 25-33
furtivus Lec. 59-313⁴
circinans Csy. 16-220⁴
osulatus Blatch. 10-607
puncticollis Schffr. 12-26⁶
grandis Wenzel 39-13 Iowa
fungicola Schffr. 12-27
namulus Csy. 16-224⁴
indistinctus Say 25-35
debilicinus Csy. 24-197⁴
densicauda Csy. 16-222
cribricauda Csy. 16-222⁴
americanus Payk. 11-31
diffractus Csy. 16-225⁴

- pollutus* Lec. 59-7
laevicauda Csy. 16-227⁴
fluvialis Csy. 16-228⁴
tornatus Lec. 80-190⁴ N.C. Ga.

Margarinotus²EXOSTERNINI²Phelister²

- (conquisitus* Lewis, not No. American)³

Pseudister³

- hospes* Lewis 02-236³ N.Y.

Hetæriinæ²HETÆRIOMORPHINI²Terapus²

- arizonensis* Ross 38-48 Ariz.

Ulkeus²HETÆRIINI²Reninus⁴

- salvini* Lewis 88-220⁴ Tex.

Echinodes²Hetærius²

- wagneri* Ross 38-49 Cal.

LYCIDÆ

Plateros

- californicus* VanD. 18-1
columbiensis Brown 29-108¹

LAMPYRIDÆ

Aspidosoma

- ignitum* Linn. 67-645² Tex. Mex.-Bra.

Phausis

- nigra* Hopp. 37-89 B.C.

CANTHARIDÆ

Cantharis

- perpallens* Fall 36-179 Cal.
imbecillus Lec. 51-342 Pa. Conn.
mimus Fall 36-182 N.J.
mollis Fall 36-182 N.H.-Pa.
pusillus of Lec. 1881 (not Lec. 1851)³

¹¹ Ross—37.¹² Ballou & Siepmann—38.¹³ Revision of subgenus, Wenzel—37.¹ Fall—34.² Fall—37.³ Fall—36.

greenei Fall 36-183
 lecontei Fall 36-180
 collaris || Lec. 51-340³
 tuberculatus Lec. 51-341
 impressus Lec. 51-341³
 brevicollis Lec. 51-341³
 armiger Couper 65-62³

MELYRIDÆ⁴

Malachinæ⁴

Collops
 bridgeri Tanner 36-153

Malachius
 utahensis Tanner 36-153
 antennatus Hopp. 37-90

Tanaops
 testaceus Marshall 37-164

Attalus
 smithi Hopp. 37-91

Rhadalinæ⁴

Melyrinæ⁴

DASYTINI⁵

Cymbolus⁵

Eucymbolus⁵

Dolichosoma⁵

Pristoscelis⁵

Eschatocrepis⁵

Dasytes⁵
 blaisdelli Pic 37-65
 subaneus Blais. 26-12⁶

Dasytellus⁵

Vecturoides Fall 30-255⁵
 (*Menovectura* Blais. 31-181)⁵

Amphivectura Blais. 38-13⁵
 monticola Blais. 34-151^{5 7}

Hoppingiana Blais. 24-2⁵
 hudsonica Lec. 66-360
 brevilabris Blais. 24-3^{8 9}
 kingi Brown 28-147⁶

Leptovectura⁵

W.Va. Allonyx⁵

Pseudallonyx⁵

Vectura⁵

fulvescens Blais. 34-71

Cal.

Dasytastes⁵

Mecomyceter⁵

Pseudasydates Blais. 38-18⁵
 inyoensis Blais. 38-18

Cal.

Wyo. Eudasytes⁵
 sinuatus Blais. 37-138

Cal.

Ut. Ida. Asydates⁵

B.C. Sydatopsis⁵

Ariz. Cradytes⁵

Eutricholistra⁵

B.C. Byturosoma⁵

Trichochrous⁵

cupripilosa Blais. 37-140
 calcaratus Fall 34-142

Cal.
 Is. off Cal.

Trichochronellus Blais. 38-23⁵

stricticollis Csy. 95-532^{5 10}

Cal.

Holomallus Gorch. 86-325⁵

Eutrichopleurus Blais. 38-24⁵
 seriellus Csy. 95-506^{5 10}

Utah

Emmenotarsus⁵

Trichochroides Blais. 38-25⁵
 sexualis Csy. 95-524^{5 10}

Cal.

Sydates⁵

Listromimus⁵

Listromorpha Blais. 21-188⁵

Adasytes⁵

Amecocerus Sol. 49-419⁶

(*Listrus* Mots. 59-389)^{6 11}

caseyi Pic 37-99
 subaneus || Csy. 95-342⁵

U.S.

regalis Blais. 38-165

Cal.

vanduzeei Blais. 34-317

Cal.

coalingensis Blais. 36-187

Cal.

gentryi Blais. 36-185

Cal.

minus Blais. 36-184

Cal.

coronadensis Blais. 39-57

L. Cal.

robustus Blais. 37-143

Wyo.

wyomingensis Blais. 37-141

Wyo.

Listropsis Blais. 24-1⁵

MELYRINI⁵

³ Fall—36.

⁴ Subfamilies rearranged by Blaisdell—38.

⁵ Genera rearranged by Blaisdell—38.

⁶ Pic—37.

⁷ Described in Hoppingiana, Blaisdell—34.

⁸ Blaisdell—34.

⁹ Blaisdell—38.

¹⁰ Described in Trichochrous.

¹¹ Listed as valid by Blaisdell—38.

CLERIDÆ

The proper date of the following Leconte species should be 1849 instead of 1852: 7531, 7545 syn., 7561, 7565, 7597 syn., 7602 syn., 7610 syn., 7614, 7615, 7630a syn., 7643, 7647a, 7647a syn., 7660, 7661, 7679, 7681, 7689, 7714, and the genus *Elasmocerus*.¹²

Tillinæ¹³

Monophylla Spin. 41-75¹³

(*Elasmocerus* Lec. 52-13)¹³

(*Macrotelus* Spin. 41-75)¹³

Callotillus Wolc. 11-115¹³

vafer Wolc. 21-270 Ariz. S. Cal.¹²

Tillus Oliv. 90-22¹³

(*Cylinder* Voet 69-06-78)¹³

(*Tilloidea* Cast. 32-398)¹³

Perilypus Spin. 41-72¹³

Cymatodera Gray 32-375¹³

neomexicana Knull 34-9 N. Mex.

xanti Horn (Locality should be L. Cal.)¹²

peninsularis Schffr. (Locality should be

[Lower Cal., Ariz.]¹²

fuchsi Schffr. 04-216

?comans Wolc. 10-351¹²

7563, for 65-95 read 66-95¹²

7568a, for 65-95 read 66-95¹²

7569, for 04-127 read 04-217¹²

cephalica Schffr. (Locality should be

[Cal.]¹²

purpuricollis Horn (Locality should be

[Lower Cal.]¹²

Bostrichoclerus VanD. 38-189

bicornis VanD. 38-190 Gulf of Cal. Is.

Hydnocerinæ¹³

Hydnocera Newm. 38-379¹³

7640, for 08-333 read 08-133¹²

7642, for 65-97 read 66-97¹²

7668, for 67-135 read 68-135¹²

(*lateralis* Gorh., not *No. American*)¹²

suturalis Klug

limbata Spin. 44-49¹²

verticalis Say

brachyptera Klug 42-313¹²

Isohydnocera Chpn. 17-83¹³

nigrina Schffr. 08-134¹² Ariz.

7687, for 65-97 read 66-97¹²

(*Erolestes* Wolc., not *North American*)¹²

(*cleroides* Wolc., not *No. American*)¹²

¹² Wolcott in litt.

¹³ New generic classification after Chapin—24 and Schenkling—16, with synonymic additions from Schenkling—Col. Cat. p. 23.

Phyllobæninæ¹³

Phyllobænus Spin. 44-1¹³

Clerinæ¹³

Priocera Kby. 18-389¹³

chiricahuæ Knull 39-27 Ariz.

Opilo Latr. 02-111¹³

(*Eupocus* Ill. 07-341)¹³

(*Notoxus* of authors)¹³

(*Opilus* of authors)¹³

Serriger Spin. 41-73¹³

Ref. to Wolcott on p. 28 Suppl. 1 should
[read 22-77.]¹²

Cleronomus Klug 42-282¹³

(*Derestenus* Chev. 43-13)¹³

(*Colyphus* Spin. 44-133)¹³

furcatus Schffr. 04-218¹² Tex.

haagi Chevr. 76-12¹² Mex. Tex.

melanopterus Dury 06-251¹² Ohio

subcostatus Schffr. 17-131¹² Fla.

thoracica Oliv. 95-18¹²

monilis Melsh. 46-307¹²

ornaticollis Lec. 80-194¹²

v. pallipes Wolc. 12-55¹² Ill. Kan. Ia.

[Neb.]

Thanasimus Latr. 06-270¹³

(*Cleroides* Schöff. 77-137)¹³

(*Pseudoclerus* Duval 60-196)¹³

7582, for 70-342 read 71-342¹²

undatulus Say 35-163

undulatus of authors¹²

Clerus Fabr. 75-157¹³

(*Enoclerus* Gahan 10-62)¹³

lecontei Wolc. 10-359

nigriventris || Lec. 61-351¹²

liljebladi Wolc. 22-73 Mich. N. Y.¹² Pa.¹²

erro Wolc. 22-68 (Thanasimus)¹² Ariz.

inyoensis VanD. 38-191 Cal.

(*quadriguttatus* Oliv., not *No. Amer.*)¹²

abdominalis Chevr. 34-52 Mex. Ariz.

zonatus Klug 42-297¹²

v. spinolæ Lec. 53-230¹² Mx. Ar. Cal.

[Kan.¹²

bombycinus Chevr. 33-42 Cal.¹²

sphegeus Fabr. 87-125

sobrius Walk. 66-326

sobrinus of authors (not Cast.)¹²

Placopterus Wolc. 10-363¹³

(*Phlæpterus* of authors)

(*Plæopterus* of authors)

(*Pœcilochoa* Chevr. 76-5)¹³

cyanipennis Klug 42-307¹⁴ Mex.

v. dasytoides Westw. 49-50¹⁴ Mex. Tex.

¹⁴ Only representative in North America—Wolcott—in litt.

- Aulicus** Spin. 41-74¹²
(nero Spin., *not North American*)¹²
humeralis Linsley 36-252¹⁵ L.Cal.
 [Gulf Cal.Is.
femoralis Schffr. 17-132¹⁵ Ariz. Tex.
monticola Gorh. 82-146¹⁶ Mx. Tex. Ar.
fissipes Schffr. 21-155¹⁵ Ariz. L.Cal.
nigriventris Schffr. 21-156¹⁵ Mex. Ariz.
dentipes Schffr. 21-157¹⁵ Tex. Ariz.
terrestris Linsley 33-95¹⁵ 16 Cal.
bicinctus Linsley 36-255¹⁵ Cal.
(Sallæa Chev., *not North American*)¹²
(coffini White, *not North American*)¹²
- Xenoclerus** Schenk. 02-327¹³
- Trichodes** Hbst. 92-154¹³
(Pachyscelis Hope 40-139)¹³
interruptus Lec., for 52-88 read 49-18¹²
peninsularis Horn (Locality should be
 [Lower Cal.]¹²
ornatus Say (Locality should be Dak.
 [Colo.-Pac.-Alas.]¹²
nuttalli Kby. (Add locality Colo.)¹²

Thaneroclerinae¹¹

- Thaneroclerus** Lef. 38-13¹³
(Isoclerus Lewis 92-191)¹³
(Thaneclerus Chenu 60-247)¹³
(Thaneroclerus Gemm. & Har.
 [69-1739])¹³

- Ababa** Csy. 97-653¹²
(Prionostichæus Wolc. 11-125)
(Prionodera || Wolc. 10-396)

Enopliinae¹³

- Ichnea** Cast. 36-55
- Chariessa** Perty 30-109¹³
(Brachymorphus Chev., 35-150)¹³
 7707, for 57-48 read 60-48¹²
- Pelonium** Spin. 44-347¹³ 17
(Corinthiscus Frm. & Grm. 61-4)¹³
(Philyra Cast. 36-53)¹³
(Tarandocerus Chev., 76-7)¹³ 17
- Cregya** Lec.,¹³ for 62-197 read 61-197¹²
 7717, for 65-98 read 66-98¹²
- Orthopleura** Spin. 44-80¹³
(Dermestoides Schaeff. 71-220)¹³
damicolis
bimaculata Melsh. 46-307¹²
(quadraticollis Spin., *not N. Amer.*)¹²
- Pelonides** Kuw. 94-8¹³
(Enoplium of authors)¹³
 7699, for 67-135 read 68-135¹²
(militaris Chev., *not No. American*)¹²

¹² Wolcott in litt.

¹³ New generic classification after Chapin—24 and Schenkling—16, with synonymic additions from Schenkling—Col. Cat. p. 23

¹⁵ Revision of genus, Linsley—36.

¹⁶ Linsley—33-88.

¹⁷ Listed as synonyms of *Chariessa* by Wolcott in litt.

- similis* Knull 33-97 Tex.
perroudi Pic 33-12 (Pyticera) Tex.
 7704, for 65-99 read 66-99¹²

Korynetinae¹¹

- Lebasiella** Spin. 44-77¹³
marginella Chev., 43-42¹² ?Cal. Nev.
- Korynetes** Hbst. 92-148¹³
(Corynetops Duval 61-201)¹²
(Corynetes of authors)¹²
maculicollis
v.nigricollis Wolc. 27-110¹² Cal.
- Necrobia** Oliv. 95-76¹³
(Agonolia Muls. 64-122)¹³
- Tarsostenus** Spin. 44-287¹³
- Opetiopalpus** Spin. 44-110¹³
(Opetiopselaphus Gemm. & Har.
 [69-1759])¹³

CEPHALOIDÆ

- Cephaloon** Newm. 38-377¹³
ungulare Lec. 74-275 N.H.-N.C. L.Sup.
pacificum VanD. 28-260 Cal.-B.C.
lepturides Newm. 38-377 Me.-Pa.-Mich.
lepturoides Hald. 48-95¹³
varians Hald. 48-95¹³
bicolor Horn 96-381 Cal. B.C.
tenuicornis Lec. 74-275 B.C.-Alb.-Wash.-
piceum Horn 96-380¹³ [Mont.
ornatum Csy. 97-652¹⁸
versicolor Csy. 97-651¹⁸
vandykei Hopp. & Hopp. 34-69 Cal.

MORDELLIDÆ

- Mordellistena**¹⁹
frosti Lilj. Me.
erratica Smith Fla.
bifasciata Ray 36-125 Ill.
bicinctella Lec. Fla. S.St. Ind. O.
confusa Blatch. Ind.
ozarkensis Ray 36-125 Ill.
tarsalis Smith Tex.
 * * *
rubrofrontalis Ray 36-127 Ind.
tiara Ray 36-127 Ill. Mass.
rufoccephala Ray 36-128 Ill.

- Pentaria** Muls. 56-391²⁰

(Anthobates || Lec. 50-23)²⁰
(Anthobatula Strand 29-23)²⁰

¹⁸ Revision of genus, Hopping & Hopping—34.

¹⁹ Revision of part of section I, Ray—36.

²⁰ Mequignon—37.

MELOIDÆ²¹

Nemognathinæ

ZONITINI

- Zonitis Fabr. 75-126²¹
 (*Nemognatha* Ill. 07-333)²¹
 (*Nematognatha* Gemm. & Har.
 [70-2163])²¹
- apicalis Lec. 53-345 B C. Cal. Ariz.
bicolor Walk. 66-331²¹
walkeri Beaur. 89-212²¹
- arizonica VanD. 29-132
- atripennis Say 23-306 Ark. N.M.
- bilineata Say 17-22 Conn.-Minn.
lineata Melsh. 46-53²¹
mandibularis Melsh. 46-53²¹
- bridwelli Wellm. 12-38 Cal.
 calceolata Guer. 29-136 N.A.
 californica Wickh. 05-171 Cal.
 cribraria Lec. 53-348 M.W.St.
 cribricollis Lec. 53-348 Ind.-Tex.-Ariz.
fuscipennis Lec. 53-349²¹
porosa Lec. 53-349²¹
- dichroa Lec. 53-346 Mont. Or. Cal. ?Ar.
 dubia Lec. 53-346 Cal. Ore.
 dunniana Csy. 91-170 Tex.
 flavida Lec. 53-349 N.M. Cal.
 immaculata Say 17-22 Kan. Colo. N.M.
 [Ariz.]
 longicornis Horn 70-93 Ill. Fla.
 lurida Lec. 53-345 Mex. Kan. Ar. Ore.
decepiens Lec. 53-347²¹
rufa Duges 89-111²¹
- lutea Lec. 53-346 Kan. Ariz. Cal.
pallens Lec. 53-346²¹
- martini Fall 07-257 N.Mex.
 nemorensis Hentz 30-258 Fla.-Ind.
bimaculata Melsh. 46-54²¹
ruficollis Beaur. 90-474²¹
- nigra Lec. 53-346 "Benicia"
 nigripennis Lec. 53-347 N.M. Cal.
 perforata Csy. 91-170 Tex.
 piezata Fab. 94-104 Mex. Fla.-Ariz.-
vittata Fab. 01-24²¹ [Mont.
texana Lec. 53-347²¹
- v.bicolor Lec. 53-345 Kan. Colo.
discolor Lec. 58-77²¹ [Tex.
stellaris Beaur. 90-465²¹
- ?v.palliata Lec. 53-346²¹ L.Sup. Mont.
 punctipennis Lec. 80-214 Ariz.
 punctulata Lec. 53-347 Ga.
 v.flavipennis Uhler 55-418²¹ Va. Ind.
 rufa Lec. 54-85 Tex. Mex.
rubra Duges 70-166²¹
- schaefferi Blatch. 22-28 Fla.
 scutellaris Lec. 53-347 Cal. Utah
 sparsa Lec. 68-53 Colo. N.M.
 sulcicollis Blatch. 10-1357 Ind.

²¹ Revision of entire family by Denier—35. A few of our species are not mentioned, and the genus *Pyrota* is from Denier—34 where it was more completely treated. Other additions follow this revision.

- vermiculata Schffr. 05-138 Utah
 vigilans Fall 07-257 Cal.
 vittigera Lec. 53-348 Ind.-Tex.-Ariz.
 vittipennis Horn 75-155 Ariz.
 zonitoides Duges 89-110 Mx. Guat. Tex.

- Gnathium Kby. 18-425²¹
 francilloni Kby. 18-426 Mex. Tex. Ga.
flavicolle Lec. 58-23²¹
 longicolle Lec. 58-77 Tex.
 minimum Say 23-306 Mx. Kan.-Ark.-Ar.
walckenaeri Cast. 40-231²¹
 nitidum Horn 70-95 Mex. Cal. Ariz.
 texanum Horn 70-94 Tex. Ariz.

SITARINI²¹

- Tricrania Lec. 60-320²¹
 (*Horia* Lec. 62-270)²¹
 murrayi Lec. 60-320 Ore.
 sanguinipennis Say 23-279 Conn.-Ind.
- Tricraniodes Wellm. 10-219²¹
 stansburyi Hald. 52-377 Utah

HORNIINI²¹

- Hornia Riley 77-564²¹
 minutipennis Riley 77-564 Mo.
- Leonidea Kll. 00-11²¹
 (*Leonia* Duges 89-211)²¹
 anthophoræ Mickel 28-38 Colo.
 neomexicana Kll. 99-416 N.M. Kan.
gigantea Wellm. 11-16²¹

HORIINI²¹

- Cissites Latr. 04-154²¹
 (*Horia* Fabr. 87-164, part)²¹
 auriculata Champ. 92-372 C.A. Mx. Ar.
maculata || Lec. & Horn 83-417²¹

Meloinë²¹

EPICAUTINI

- Epicauta Redt. 45-621²¹
 (*Isopentra* Muls. 58-106)²¹
 (*Apterospasta* Lec. 62-272)²¹
 (*Macrobasis* Lec. 62-272)²¹
- abadona Skinner 04-217 Ariz.
 alastor Skinner 04-217 Ariz.
 albida Say 23-305 Mex. Kan. Colo.
luteicornis Lec. 54-84²¹
 albolineata Duges 77-64 Mex. Ariz.
duplicata Csy. 91-172²¹
- alphonsii Horn 74-38 Cal.
 atrovittata Lec. 54-224 Tex.-Ariz.
 batesi Horn 75-153 Ga.
 borrei Duges 81-145 Mex. ?U.S.
fumosa || Haag 80-40²¹
fumea Champ. 99-178²¹

- callosa* Lec. 66-158 Dak.-Tex.
caviceps Horn 73-99 Ariz.
cinerea Forster 71-62 M.St. Ind. Conn.
fimbriata Thunb. 91-109²¹
clematidis Woodh. 00-213²¹
v.marginata Fabr. 75-260²¹ Conn. Ind.
corvina Lec. 58-21 Mex. Colo. Ariz.
nigerrima Duges 70-162²¹
excors Fall 09-166 L.Cal.
fallax Horn 85-111 Cal.
ferruginea Say 24-298 Can.-N.M. Ariz.
? Sartorii Haag 80-56²¹ Mex.
fissilabris Lec. 50-232 L.Sup. H.B.T.
flavocinerea Blatch, 10-1359 Ind.
foxi VanD. 29-127 Cal.
funebri Horn 73-102 Tex.
gissleri Horn 78-58 N.M.
heterodera Horn 91-43 Fla.
immaculata Say 23-301 Ind.-Col.-Tex.-
articularis Say 23-301²¹ [Ariz.
fulvescens Lec. 53-447²¹
impressifrons VanD. 28-262 Cal.
ingrata Fall 07-258 N.M.
insignis Horn 85-110 Ariz.
languida Horn 95-252 L.Cal.
lauta Horn 85-108 Ariz.
lemniscata Fabr. 01-279 Fla.-Kan.
vittata Duges 86-582²¹ Mex.
dugesi Beaur. 89-ccxiii²¹
levettei Csy. 91-171 Colo.
linearis Lec. 58-23 Tex.
maculata Say 23-298 Ill.-Ore.-N.M.
v.conspersa Lec. 53-340²¹
punctuata Duges 70-161²¹ Mex.
maura Lec. 51-162 Cal.
merkeliana Horn 91-43 Ariz.
nigra Duges 70-161 Mex. U.S.
? funebri Horn 73-102²¹
melanochroa Wellm. 10-24²¹
nigritarsis Lec. 53-340 Tex.
oblita Lec. 51-162 Cal. Ore.
ochrea Lec. 53-342 Tex. Ariz.
protarsalis Duges 77-63²¹ Mex.
oregona Horn 75-153 Ore.
pardalis Lec. 66-157 Ariz. Tex.
pedalis Lec. 66-157 L.Cal. Tex.
pennsylvanica DeG. 75-15 Can.-Car.-
atrata Fabr. 75-260²¹ [Tex.
nigra Woodh. 00-213²¹
coracina Ill. 04-171²¹
morio Lec. 53-447²¹
potosina Duges 89-89²¹ Mex.
pruinosa Lec. 66-158 Kan.-Utah
puncticollis Mannh. 43-288 Cal. Or. Ida.
purpurea Horn 85-108 Mex. Ariz.
purpureipennis Champ. 99-186²¹
rileyi Horn 74-37 Ariz.
ruidosana Fall 07-258 N.Mex.
sanguinicollis Lec. 53-344 Fla.
segmentata Say 23-303 La.-Ariz. Mont.
valida Lec. 58-39²¹
cinctithorax Duges 89-56²¹ Mex.
sericans Lec. 66-158 Kan.-Ariz. Ore.
fimmerita Walk. 66-330²¹
straba Horn 91-42 Cal.
- strigosa* Gyll. 17-18 Pa.-Fla.
nigricornis Melsh. 48-53²¹
ferruginea Lec. 53-341²¹
stuarti Lec. 68-54 N.M. Kan. Colo.
subglabra Fall 22-173 Alb. Sask.
tenella Lec. 58-23 Tex. Ariz.
tenuelineata Horn 94-436 L.Cal. Ariz.
tenuis Lec. 53-343 Ga. Fla.
torsa Lec. 53-343 Tex. Mass. Ind.
trichrus Pall. 98-100 Can.-Pa.-Tex.
convolvuli Melsh. 48-53
trichura Wellm. 10-24.
v. atrata Melsh. 47-53²¹
unicolor Kby. 37-241 Can.-Ga.-Ind.-Ariz.
cinerea Fabr. 98-119²¹
fabricii Lec. 53-343²¹
? debilis Lec. 53-344²¹ L.Sup.
? murina Lec. 53-344²¹
virgulata Lec. 66-156 L.Cal.
vittata Fabr. 75-260 Can.-Ct.-Ia.
chapmani Woodh. 00-214²¹
watsoni Blatch. 18-58 Fla.
wheeleri Ulke 75-812 Ariz.
- Pleuropompha* Lec. 62-273²¹
costata Lec. 54-84 Tex.
- Gnathospasta* Horn 75-154²¹
mimetica Horn 75-154 Tex.
- Henous* Hald. 52-377²¹
(Nomaspis Lec. 66-156²¹
confertus Say 23-231 Mo. Tex.
techamus Hald. 52-377²¹
parvulus Hald. 52-377 Ut. N.M.

LYTTINI²¹

- Lytta* Fabr. 75-260²¹
(Cantharis Geoff. 62-339)²¹
(Tetraolytta Pic 19-3)²¹
(Picella Denier 34-?)²¹
- æneipennis* Lec. 51-160 Cal.
agrestis Fall 01-302 Ariz.
arborea Wellm. 12-34 Cal.
auriculata Horn 70-91 Cal. L.Cal.
biguttata Lec. 53-332 Ariz.-Mont.
v. bivirgata Duges 77-140²¹ Mex.
alfredi Duges 89-98²¹
- blaisdelli* Fall 09-166 Cal.
childi Lec. 57-52 Cal. L.Cal.
chloris Fall 01-303 Cal.
compressicornis Horn 70-91 Cal.
convexa Lec. 53-336 Tex. Colo.
cribrata Lec. 53-447 Tex.
crotchi Horn 74-38 Cal.
cyanipennis Lec. 51-160 Ut.-Or. Can.
salicis Lec. 51-161²¹
- deserticola* Horn 70-90 Ariz. N.M.
difficilis Fall 01-303 Cal.
eucera Chevr. 34-56 Mex. Tex.
spectabilis Cast. 40-273²¹
fulvipennis Lec. 53-331 Colo. Tex.
cardinalis Lec. 53-447²¹
funerea Fall 01-301 Cal.

²¹ Denier—35.

- hoppingi* Wellm. 12-35 Cal.
incommoda Horn 83-312 Cal.
nunenmacheri Wellm. 12-36²¹
infidelis Fall 01-303 Wash.-Cal.
insperata Horn 74-39 Cal.
lecontei Heyden 90-99 Mex. Tex.
dichroa || Lec. 53-332²¹
lugens Lec. 51-161 Cal.
maculicollis VanD. 29-130 Cal.
magister Horn 70-90 Cal. Ariz.
melæna Lec. 58-76 Ariz. Cal. L.Cal.
mœrens Lec. 51-216 Cal.
molesta Horn 85-111 Cal.
morosa Fall 01-301 Cal.
mutilata Horn 75-155 Mex. Ariz.
nigrocyanæa VanD. 29-129 Colo.
nitidicollis Lec. 51-160 Cal. L.Cal.
nuttalli Say 23-300 Can. Kan. Colo.
fulgifera Lec. 49-90²¹ [Mont.
occipitalis Horn 83-312 Cal.
pilsbryi Skinner 06-217 Tex.
puberula Lec. 66-162 Ariz. Colo.
variabilis Horn 85-107²¹ Mex.
purpurascens Fall 01-302 Cal.
quadrifasciata Chev. 34-79 C.A. Tex.
rathvoni Lec. 53-335 Cal.
refulgens Horn 70-91 Cal.
reticulata Say 23-305 Kan. Colo. N.M.
sphæricollis Say 23-299 Kan.-Wash.
chalybea Lec. 51-160²¹
chalybeata Gemm. 70-124²¹
stolidia Fall 01-302 Cal.
tenebrosa Lec. 51-160 Cal.
ulkei Beaur. 89-212 Nev. Cal.
lugubris Ulke 75-812²¹
viridana Lec. 66-162 Kan.-Man.
vulnerata Lec. 51-159 Cal. Nev. Ore.
angulicollis Duges 89-105²¹ Mex.
v. cooperi Lec. 54-18²² Cal. Wash. Ida.
- Tetraonyx* Latr. 05-204²¹
(Jodema Pasc. 62-57)²¹
albipilosa VanD. 29-127 Tex.
dubiosus Horn 94-440 L.Cal.
frontalis Chev. 33-14 Mex. Tex.
v.femoralis Duges 70-104²¹
 [Mex. Ariz.
quadrifasciatus Fabr. 75-50 W.I.
ruficollis Oliv. 95-14²¹ [Fla.-S.C.
- Pyrota* Dej. 33-224^{21 22}
akhurstiana Horn 91-42 Ariz. N.M. Mex.
bilineata Horn 85-115
 [Colo. Ariz. N.M. Tex.
concinna Csy. 91-174 Tex.
dakotana Wickh. 03-73 S.Dak.
discoidea Lec. 53-338 Tex.
dispar Germ. 24-171 S.A.
v.brunneipennis Denier 34-60²²
dispar Germ. 24-171²² U.S.
divirgata Vill. & Pen. 67-15 Tex. Mex.
nigrovittata Haag 80-51²²
virgata Schffr. 05-177²²
- engelmanni* Lec. 48-91
 [Ind. Miss. Tex. N.M.
germari Hald. 43-303 Md.-Ga.
mutata Gemm. 70-124²²
insulata Lec. 53-22 Tex. Mex.
invita Horn 85-114 Tex.
v.limbalis Lec. 66-160²² Va. Fla.
lineata Oliv. 95-14 Fla.-Tex.
mylabrina Chev. 34-3
 [Ariz. N.M. Mex.
obliquefascia Schffr. 08-320 Ariz.
postica Lec. 66-160 Tex.-Ariz. Mex.
maculata (Klug) Lac. 59-4²²
plagiata Haag 80-49²²
lacordairei Berg 81-303²²
punctata Csy. 91-173 Tex.-Ariz. Mex.
sinuata Oliv. 95-9 S.C. Fla. La.
afzeliana Fabr. 01-78²²
tenuicostata Duges 77-60 Tex. Mex.
dubitalis Horn 85-113²²
vittigera || Lec. 58-22²²
? rufipennis Cr. 74-114²²
terminata Lec. 66-159 Mo.-Ut. L.Cal.
trochanterica Horn 94-439 L.Cal.
- Pomphopœa* Lec. 62-273²¹
ænea Say 23-301 Pa. Ill. Tex.
nigricornis Lec. 48-90²¹
filiformis Lec. 48-91²¹
tarsalis Bland. 64-71²¹
polita Say 23-302 Fla.-S.C.
v.femoralis Lec. 53-336²¹ Fla. La.
pedestris Harold 70-124²¹
sayi Lec. 53-336 Can. Ct.-Ill. Tex.
ænea var. Say. 24-228²¹
pyrivora Fitch 56-354²¹
texana Lec. 66-161 Tex.
unguicularis Lec. 66-160 Ill. Ct.
- Poreospasta* Horn 67-139²¹
polita Horn 67-139 Cal.
sublævis Horn 67-140 Cal.
- Meloe* Linn. 58-419²¹
TREIODONS Duges 70-102²¹
barbarus Lec. 61-354 Is. off Cal.
lævis Leach 15-249 W.I. C.A. Mex.
cordilleræ Chev. 29-133 [N.M.
sublævis Lec. 54-84²¹ [Ariz.
tridentatus Jimenez 66-225²¹
tucci Pen. & Barr. 66-11²¹
opacus Mots. 73-48²¹
PROSCARABÆUS Schrank 81-
 [225²¹
(Cnestocera Thoms. 59-124)²¹
afer Bland 64-70 Neb.
americanus Leach 15-251 Ga. Ind. Can.
s.occidentalis VanD. 28-422²¹
 [Id. Colo. Alb.
angusticollis Say 23-380 Can. Pa. Ind.
rugipennis Lec. 53-328²¹
californicus VanD. 28-426 Cal. Wash.
carbonaceus Lec. 66-155 Neb.
franciscanus VanD. 28-437 Cal. Nev.

²² This genus is generally credited to Leconte (1862) but was amply validated by Dejean in 1833.

- impressus* Kby. 37-242 Can. Ind.
americanus Brandt & Er. 32-118²¹ Can.
v. niger Kby. 37-241 N.Y.
mærens Lec. 53-328 Mont.
montanus Lec. 66-155 Cal.
opacus Lec. 61-354 Pa.
perplexus Lec. 53-329 Cal.
quadrifrons VanD. 28-431 Alas. Cal.
strigulosus Mannh. 52-349 Cal.
tinctus Lec. 66-155 Neb.
- Calospasta* Lec. 62-273²¹ L. Cal.
decolorata Horn 94-437 Cal.
elegans Lec. 51-161 Cal.
v. humeralis Horn 70-93²¹ Cal.
s. perpulchra Horn 70-92²¹ Cal.
s. cyanea VanD. 29-132²¹ Cal.
fulleri Horn 78-59 Cal.
histrionica Horn 91-100 Cal.
imperialis Wellman 12-37 Cal.
mæsta Horn 78-59 Cal.
morrisoni Horn 91-102 Cal.
nemognathoides Horn 70-92 Cal. Ariz.
schwarzi Wellman 09-23 Cal.
sulcifrons Champ. 92-394 Mex. Ariz.
viridis Horn 83-312 Colo. N.M.
wenzeli Skinner 04-217 Ariz.
- Pleurospasta* Wellman 09-20²¹
mirabilis Horn 70-121 Ut. Ariz. Cal.
- Phodaga* Lec. 58-76²¹
alticeps Lec. 58-77 Mex. Ariz. Cal.
- Negalius* Csy. 91-175²¹ Tex. Ariz.
marmoratus Csy. 91-175 [L. Cal.
- Tegrodera* Lec. 51-159²¹ Cal. L. Cal.
erosa Lec. 51-159 Ariz.
v. extincta Beaur. 90-493²¹ Ariz.
v. aloga Skinner 03-168²¹ Ariz.
v. inornata Blais. 18-334²¹ Cal.
latecincta Horn 91-44 Cal.
- Eupompha* Lec. 58-21²¹ Tex.
fissiceps Lec. 58-21
- Brachyspasta* VanD. 28-451²¹ Colo.
wickhami VanD. 28-452
- Cordylospasta* Horn 75-152²¹ Nev.
fulleri Horn 75-152
- Gynæcomeloe* Wellman 10-217²¹ Cal.
opacus Horn 63-139 Cal.
parvicollis VanD. 28-450 Cal.
- Cystodemus* Lec. 51-158²¹ Cal. Ariz.
armatus Lec. 51-158 Mex. N.M. Ariz.
wizlisenoi Lec. 51-158
- Megetra* Lec. 59-127²¹ Mex.
cancellata Brandt & Er. 32-141 [U.S.
hoegei Duges 89-39²¹ Ariz.
vittata Lec. 53-330 Mex. N.M. Ariz.
- * * *
- Epicauta*
elongatocalcarata Mayd. 34-328 Ida.
piceiventris Mayd. 34-327 Utah
rehni Mayd. 34-329 Ariz.
excavatifrons Mayd. 34-330 Fla.
mutchleri Mayd. 34-331 Ariz.
diversipubescens Mayd. 34-333 N.M.
crassitarsis Mayd. 35-72 Ariz.
- Macrobasis*
hirsutipubescens Mayd. 34-334 Ariz.
maculifera Mayd. 34-335 Ariz.

PYTHIDÆ

- Cariderus* Muls. 59-46²³
(Rhinosisimus Latr. 02-192)²³
- Mycterus* Clairv. 98-125²⁴
canescens Horn 79-336 Cal. Ore.
elongata Hopping 35-77 Cal.
concolor Lec. 53-235 [Cal.-B.C. Colo. N.M.
scaber Hald. 43-303 Mass.-Va.
quadrifrons Horn 74-142 Cal. N.M.

PYROCHROIDÆ

- Ischalia* Pasc. 60-54
EUPLEURIDA Lec. 73-335²⁵
californica VanD. 38-192 Cal.

ANTHICIDÆ

- Notoxus*
visaliensis Blais. 36-144 Cal.
sparsus Lec. 59-284²⁶ Cal. Ariz.
conformis Lec. 51-152²⁶ Cal.
obesulus Blais. 36-146 B.C.

CEBRIONIDÆ

- Cebrio*
convexifrons Knull 35-189 Okla.

²³ Hopping—35.²⁴ Transferred from Melandryidæ, Hopping—35.²⁵ Van Dyke—38.²⁶ Valid species, Blaisdell—36.²¹ Denier—35.

PLASTOCERIDÆ²⁷

Plastocerus

- maclayi Sloop 35-17
pullus Sloop 35-18

Cal.
Cal.

Euthysanius

- brevis Sloop 35-19

Cal.

ELATERIDÆ

Adelocera

- mexicana Cand. 57-70¹ Fla. Mex.
nobilis Fall 32-58¹ Ariz.
mexicana of Lec.¹

Conoderus Esch. 29-31

(*Monocrepidius* Esch. 29-31)²

HETERODERES Latr. 34-155¹

- suturalis Lec. 53-482¹ Ala. Ind.
fuscus Blatch. 25-163 Fla. Ga.
fuscus of VanDyke¹
planidiscus Fall 29-56¹

* * *

- exsul Shp. 77-470³ N.Zeal. Hawaii, Cal.
rudis Brown 33-174 Ala.
browni Knull 38-19 Tex.
perversus Brown 33-173 Fla.

Aeolus

- melillus Say⁴ Ind. Ariz.
elegans of authors⁴
dorsalis || Say 23-167⁴
s. comis Lec. 53-484⁴ B.C. Alb.
s. marginicollis Horn 71-308⁴
[Sask. Man. Ore.
(*elegans* Fabr., not *North American*)⁴
(*circumscriptus* Germ., not *N. Amer.*)⁴

Limonium

- canus Lec. 53-433 (Pheletus)¹ Cal.
discoideus Lec. 61-348¹
[Wash. Cal. Rky.Mts.
ovatus Knull 34-9 Cal.
griseus Beauv. 05-214⁴ Ct.-Ind. Ont.
interstitialis Melsh. 46-215⁴
rudis Brown 33-175 Ont. Ind.
rectangularis Fall 34-30 Tex.
flavomarginatus Knull 38-20 Ohio
pilosulus Cand. 91-149⁵ Cal.
pilosus || Lec. 53-432¹
æger Lec. 53-431 N.B.-Alb.-Pa.
knulli Fall 33-229¹

- basilaris Say 23-172 E.U.S. Fla. Mo.
v.semianeus Lec. 53-432¹ Ga. Fla.
insperatus Brown 33-175 Cal.
sinuifrons Fall 07-227 N.Mex.
ovatus Knull 34-9¹
ectypus Say 39-167⁵ Pa. Me.
agonus Say 39-171⁵ Pa.

Elathous

- brevicornis Fall 34-30 Cal.
brunnellus Fall 34-31 Cal.

Athous

- rufiventris Esch. 22-71
ferruginosus Esch. 29-33⁶
paradisus Knull 34-10 Ariz.

Ludius

- ochreipennis Lec. 63-85⁷
[B.C. Y.T. N.W.T.
watsoni Brown 36-179⁷ Que.
hoppingi VanD. 33-434⁷
[B.C. Wash. Y.T.
bipunctatus Brown 36-180⁷ B.C. Alb.
exclamationis Fall 10-135⁷ Cal.
hieroglyphicus Say 39-172⁷ N.H.-Pa.-
vicinctus Cand.⁷ [Que.-Man.
ctenicerus G. & H. 69-1577⁷
pudicus Brown 36-183⁷ B.C. Alb.
propola Lec. 53-437⁷
s.propola (s.str.)⁷ N.S.-L.Sup.
fureifer Lec. 53-438⁷
s.columbianus Brown 36-185⁷ B.C.
pallidipes Brown 36-185⁷ Cal.
californicus Brown 36-186⁷ Cal.
nubilus || Lec. 53-438⁷
candidus Brown 36-186⁷ Cal.

* * *

- cribrosus Lec. 53-443^{5, 8} Cal.
colossus Lec. 61-348^{5, 8} Cal.
maurus Lec. 53-444^{5, 8} Cal.-B.C.
æthiops Hbst. 06-70⁸ Md. Tenn.
nigrans Cast. 40-241⁸
depressus G. & H. 69-1574⁸
?signaticollis Melsh. 46-216⁸
?subcanaliculatus Mots. 59-375⁸
?rufipes Mots. 59-377⁸

* * *

- spinosus Lec. 53-447⁹ Newf.-Ont.
stricklandi Brown 35-219⁹ Ont.-Alb.
crestonensis Brown 35-219⁹ B.C. Ida.
umbricola Esch. 29-34⁹ Alas. B.C.
rudis Mots. 59-376⁹
varius Brown 35-220⁹ Wash.
volitans Esch. 29-34⁹ Alas. B.C.
vulneratus Lec. 63-86⁹ N.S.-N.C.

* * *

²⁷ Reduced to subfamily of Elateridæ by Sloop—35.

¹ Fall—34.

² Used as valid by Fall—34.

³ Graves—33.

⁴ Brown—33.

⁵ As distinct species, Fall—34.

⁶ Van Dyke in litt.

⁷ Revision of *propola*-group, Brown—36.

⁸ Revision of *cribrosus*-group, Brown—35.

⁹ Revision of the *volitans*-group, Brown—35.

- triundatus* Rand. 38-12¹⁰ [N.B.-N.H.-B.C.
 nebraskensis Bland 63-355¹⁰ B.C. Mont.
tigrinus Fall 01-306¹⁰ Cal.
tigrinus Brown 36-107
- * * *
- medianus* Germ. 43-71¹¹ N.S.-L.Sup.-
rubidipennis Lec. 53-437¹¹ [Mass.
bombycinus Germ. 43-70¹¹ [Ore. B.C. Alb.
fallax Say 39-605¹¹ Que. L.Sup.
viduus Brown 36-103¹¹ B.C.
semiluteus Lec. 53-445¹¹ Cal.
mirabilis Fall 01-306¹¹ Cal.
 ?*elegans* Cand. 82-97^{11 12} Cal.
candezei Leng 18-205^{11 12}
 (*sericeus* Gelb., not North American)¹³
 (*tesselatus* Linn., not No. American)¹⁴
- * * *
- splendens* Zieg. 44-44¹⁴ Que. Ont. Mass.
metallicus G. & H. 69-1580¹⁴ [Pa.
æripennis Kby. 37-150^{12 14}
s.æripennis (s.str.)¹⁴ Alas.-Wash.-
tinctus Lec. 59-85^{12 14} [Wyo.-
elegans of Schw. 07-225^{12 14} [NWT
s.destructor Brown 35-129^{14 15}
 [Alas.-N.D.
montanus Brown 35-129¹⁴ B.C.-Ore.
appropinquans Rand. 33-5¹⁴ [N.S.-Me.-Wis.
darlingtoni Brown 35-131¹⁴ N.H. Me.
semimetallicus Walk. 66-325¹⁴
 [B.C.-Ida.-Alb.
carbo Lec. 53-439¹⁴ Ore.-Colo.-Mont.
lateralis Lec. 53-439¹⁴ B.C. Ore.
imitans Brown 35-134¹⁴ Cal.
pruininus Horn 71-320¹⁴ Cal.-B.C.-Neb.
pruinus Schw. 07-226¹⁴
pruinosulus Schw. 07-316¹⁴
noxius Hyslop 14-69¹⁴
 ?*confluens* Gebl. 30-80¹⁴ Asia, Alas.
 ?*quadrivittatus* Walk. 66-325¹⁴ B.C.
- * * *
- nitidulus* Lec. 53-439¹⁶ N.S.-Alb.
rufopleuralis Fall 34-188¹⁶
 [N.B.-Mass.-Man.
aratus Lec. 53-438¹⁶ N.S.-L.Sup.
 (*nigricornis* Panz., not No. Amer.)¹⁶
- * * *
- inflatus* Say 25-392¹⁷ Que.-S.C.-Ind.
metallicus Say 25-392¹⁷
glaucus Germ. 43-76¹⁷ B.C.-Cal.-Ut.
similissimus Mots. 59-374¹⁷
- * * *
- callidus* Brown 36-135¹⁷ B.C. Ida.
inutilis Brown 36-136¹⁷ Cal.
cruciatus Linn. 58-404¹⁸ Eur. N.A.
s.pulcher Lec. 53-440¹⁸ N.S.-Ont.
s.festivus Lec. 57-46¹⁸ B.C.-Ore.-Man.
- * * *
- edwardsi* Horn 71-324¹⁹
s.edwardsi (s.str.)¹⁹ Cal. Nev.
ater || VanD. 32-430¹⁹
suckleyi Lec. 57-46¹⁹
s.suckleyi (s.str.)¹⁹ B.C. Ore.
s.olympiæ VanD. 32-431¹⁹ Wash.
s.morulus Lec. 63-85¹⁹ Alas.-Ore.
 [Y.T.-Alb.
brunnipes Bland 64-67¹⁹
sexualis Brown 35-8¹⁹ Sask. Alb. Wyo.
- * * *
- semivittatus* Say 23-113²⁰ Mo.-Dak.-
 [Colo.
blanditus Brown 36-13²⁰ Cal.
sexguttatus Brown 36-14²⁰ Ore.
trivittatus Lec. 53-443²⁰ Ga.-N.C.
deceptor Brown 36-16²⁰ Cal.
funereus Brown 36-16²⁰ B.C.
castanicolor Fall 34-34²⁰ N.Mex.
 ?*oblongoguttatus* Mots. 59-373²⁰ Cal.
 ?*tristis* Cand. 63-172²⁰ Vanc.Id.
 ?*fusculus* Lec. 63-48²⁰ Cal.
angustus || Mots. 59-373²⁰
- * * *
- CORYMBITES Latr. 34-150²¹
- kaweana* Fall 37-31 Cal.
rufipennis || Fall 10-134²¹
conjungens Lec. 53-440²¹ Cal.
præses Cand. 65-28 (Drasterius)¹
elegans Cand. 82-97²²
candezei Leng 18-205²²
æripennis Kby. 37-150²²
appropinquans Rand. 38-5²²
tinctus Lec. 59-85²²
semimetallicus Walk. 66-325²²
elegans Leng 20-170 (in error)²²
rufopleuralis Fall 34-188 Que.-Mass.
 [Mich.
nigricans Fall 10-135²³ Cal.
rotundicollis Say 25-259²³ Vt. Pa. Ind.
diversicolor Esch. 29-34¹ [Cal.
castanicolor Fall 34-34 N.Mex.
Eanus Lec. 62-171¹
 (*Paronomus* || Kies. 63-303)¹
striatipennis Brown 36-248 B.C. Ore.
maculipennis Lec. 66-85²³ Lab. Can.
pictus Cand. 63-177¹
hatchi Lane 38-188 Wash.
estriatus Lec. 53-434
subarcticus Brown 30-163¹ Que.
decoratus Mannh. 53-434 Can.
parvicollis Mannh. 53-229¹⁵ Lapland

¹⁰ Revision of the *triundatus*-group, Brown—36.¹¹ Revision of the *fallax*-group, Brown—36.¹² See end of genus for corrected synonymy.¹³ Schenkling—27.¹⁴ Revision of the *æripennis*-group, Brown—35.¹⁵ Brown—36.¹⁶ Revision of the *nitidulus*-group, Brown—36.¹⁷ Revision of the *inflatus*-group, Brown—36.¹ Fall—34.¹⁵ Revision of the *cruciatus*-group, Brown—35.¹⁹ Revision of the *edwardsi*-group, Brown—35.²⁰ Revision of the *semivittatus*-group, Brown—36.²¹ Fall—37.²² By compiler; see also Brown—33 and 35.²³ Valid species, Fall—34.

Hypnoidus

- CRYPTOHYPNUS Esch. 36-105
 valens Fall 34-18 Cal.
 * * *
 manki Fall 34-19 Mont.

Dalopius Esch. 29-34²⁴

- * (*Dolopius of authors*)²⁴
 virginicus Brown 34-38 W.Va.
 cognatus Brown 34-38 N.S.-Ont.-W.Va.
 vagus Brown 34-66 N.B.-Man.-W.Va.
 insolitus Brown 34-67 Ont. Que.
 fuscipes Brown 34-68 Que.
 pennsylvanicus Brown 34-68 Pa.
 vernus Brown 34-69 Que.-Man.
 brevicornis Brown 34-69 Que. Ont.
 agnellus Brown 34-70 Que. N.B.
 gentilis Brown 34-71 Ont. Que.
 parvulus Brown 34-71 Sask. Man.
 pallidus Brown 34-87 N.B.-Alb.
 gartrelli Brown 34-89 B.C.
 luteolus Brown 34-89 Cal.
 corvinus Brown 34-90 B.C.
 usitatus Brown 34-90 Cal.
 insolens Brown 34-91 B.C.
 asellus Brown 34-91 B.C. Alb.
 jucundus Brown 34-92 Cal.
 gracilis Brown 34-92 Cal.
 tularensis Brown 34-93 Cal.
 dentatus Brown 34-94 Cal.
 inordinatus Brown 34-94 Alb.
 mirabilis Brown 34-95 Que.-Alb.
 plutonicus Brown 34-95 Cal.
 incomptus Brown 34-96 Cal.
 lutulentus Brown 34-96 Cal.
 validus Brown 34-102 Cal.
 spretus Brown 34-103 B.C.
 vetulus Brown 34-103 Cal.
 partitus Brown 34-104 Cal.
 effetus Brown 34-104 Cal.
 suspectus Brown 34-104 B.C.
 fucatus Brown 34-105 Alb. B.C.
 tristis Brown 34-105 B.C.
 manipularis Brown 34-107 Cal.
 ignobilis Brown 34-107 Cal.
 improvidus Brown 34-108 Cal.
 insulanus Brown 34-108 B.C.
 invidiosus Brown 34-109 Cal.
 maritimus Brown 34-109 B.C.
 mutabilis Brown 34-110 Cal.
 ?californicus Mann. 43-243²⁴ Cal.
 lateralis || Esch. 29-34²⁴
 pauperatus Cand. 63-434 (Sericoso-
 [*mus*]²⁴
 ?sellatus Mannh. 52-323²⁴ Alaska
 ?pauper Lec. 53-458²⁴ Atl. N.A.
 ?subustus Lec. 53-458²⁴ Cal.
 ?macer Lec. 57-47 (Agriotes)²⁴ Ore.
 ?simplex Mots. 59-378²⁴ Cal.
 ?sericatus Mots. 59-379²⁴ Cal.
 ?nevadensis Lec. 84-17 (Agriotes)²⁴

Agriotes

- tardus Brown 33-177 Alb. B.C.
 quebecensis Brown 33-177 N.C.-Ont. Me.
 opaculus Lec. 59-85 Cal. Id. Wyo.
 montanus Lec. 84-18¹⁵
 arcanus Brown 33-178^{25 26}
 isabellinus Melsh. 46-218²⁵ Pa.
 oblongicollis Melsh. 46-218²⁵ M.St. Ct.
 [Ind.]

Agriotella Brown 33-179

- bigeminata Rand. 33-37²⁷ N.S.-Ont.-
 [Mass.]
 occidentalis Brown 33-180 B.C. Alb.
 californica Schffr. 17-42²⁷ Cal.
 columbiana Brown 33-182 B.C. Cal.

Drasterius²⁸

- dorsalis Say 23-167²⁸ N.A.
 comis Lec. 53-484²⁸ N.A.
 livens Lec. 53-484²⁸ Cal. Mex.
 amabilis Lec. 53-485²⁸ M.St. S.St.
 fretus Csy. 85-171²⁸
 nigriventris Schffr. 17-41²⁸ Tex.
 scutellatus Schffr. 17-41²⁸ Tex.
 debilis Lec. 78-405 Fla.
 incongruus Fall 34-12²⁹ Que.

Ampedus Germ. 44-153

- (*Elater* of authors)³⁰
 obscurus Knoll 38-97 Nev.
 varipilis VanD. 32-306 Cal.
 s.columbianus Brown 33-136 B.C.
 [VanId.]
 quebecensis Brown 33-137 Que.
 evansi Brown 33-137 N.B.-Ont.
 areolatus Say 23-167 Ont.
 pusio Germ. (not Lec. or Cand.)³¹
 luteolus Lec. 53-471 Ont. N.C.
 pusio Lec. and Cand. (*Elater*)³¹
 melanotoides Brown 33-134 Ont. Pa.
 laurentinus Brown 33-135 Que. Ont.

Blauta

- falli Brown 36-251 Fla.

Megapenthes

- solitarius Fall 34-15³² N.Y.
 granulatus Melsh. 44-159³³ Fla.-Conn.
 (*sturmii* Germ., not *North American*)²⁹
 dolosus Brown 33-140 Cal.
 stigmosus Lec. 53-472³¹ N.B.-B.C.
 caprella Lec. 57-47³¹ Ore. B.C.
 s.californicus Brown 33-140 Cal.

²⁵ Valid species, Brown—36.²⁶ As synonym of *isabellinus*, Fall—34.²⁷ Transferred to new genus from *Betarmon*, Brown—33.²⁸ These species belong here with some others, Fall—34.²⁹ Fall—34.³⁰ Implied by Knoll—38 and Brown—33.³¹ Brown—33.³² Neither this species, *lepidus* Lec. *tarsalis* Schffr., nor *illinoiensis* VanD. belong in this genus, Fall—34.³³ Valid species, Fall—34.²⁴ Revision of genus, Brown—34.

Anchastus

fumicollis Fall 34-17 Fla.
 longulus Lec. 78-404³³ Fla.
 uniguus Knull 38-98 Tex.
 subdepressus Fall 34-18 Ariz.

Melanotus³⁴

longulus Lec. 53-473³⁴ Cal.
 oregonensis Lec. 53-480³⁴ Cal.-B.C.-Ut.
 franciscanus VanD. 32-332³⁴ Cal.
 variolatus Lec. 61-377³⁴ Cal.

Horistonotus

pallidus Fall 34-21 Cal.
 fidelis Fall 34-21 Cal. Nev.
 s.fuscus Fall 34-22 Ariz.

Esthesopus

flavidus Fall 01-240 (Horistonotus)²⁹ [Cal.
 indistinctus Fall 34-23 Cal.

uvaldensis Knull 36-73 Tex.
 yumæ Knull 37-301 Ariz.
 adenostomæ Cazier 38-137 Cal.
 nigrovittata VanD. 34-61⁹ Cal.
 simulata VanD. 37-108 Cal.
 mariposa

s.bernardino VanD. 37-109 Cal.
 papagonis Duncan 34-231 Ariz.
 vanduzeei VanD. 34-64 L. Cal.
 varipilis VanD. 34-62 G. of Cal. Tex.
 [Ariz.

vulturei Knull 38-228 Cal.
 constricticollis Knull 37-301 Ariz.
 biedermanni Skinner 03-239⁷ Ariz.
 lineipicta Fall 31-81^{7, 8} Ariz.
 sabinæ Knull 37-15 Ariz.
 rossi Cazier 37-115 Cal.
 humeralis Cazier 38-12 Cal.
 jaguarina Knull 38-135 Ariz.
 mimicata Knull 38-136 Ariz.

MELASIDÆ**Melasis**

rufipalpis Chevr. 35-193³⁵ Guat. Mex.
 [Ariz.

Tyndaris

* balli Knull 37-302 Ariz.

Paratyndaris Fisher 19-92⁹

* (*Tyndaris* of authors)¹⁰
 anomalis Knull 37-252⁹ Nev.
 tucsoni Knull 38-21 Ariz.
 albofasciata Knull 37-253⁹ Ariz.
 barberi Skinn. 03-238⁹ Nev. Ariz.
 cincta Horn 85-147⁹ Tex.
 acaciæ Knull 37-254⁹ Tex. N.M.
 olneyæ Skinn. 03-236⁹ Nev. Ariz.
 prosopis Skinn. 03-237⁹ Tex.
 coursetiæ Fisher 19-93⁹ Ariz.
 quadrinotata Knull 38-22 Ariz.
 chamæleonis Skinn. 03-237⁹ Tex.
 suturalis Fall 34-193⁹ Fla.

BUPRESTIDÆ**Chrysophana**

placida
 a.cœrulans Obenb. 24-100^{1, 3}
 v.strandi Obenb. 36-106 Cal.
 v.cupriola VanD. 37-105 Cal.
 s.conicola VanD. 37-105 Cal.

Polycesta Sol.³ (for 32-281 read 33-281)⁴

* 9306, for 78-144 read 85-144⁴
 angulosa Duval 57-62³ Fla. Ala.
 obtusa Lec. 58-68³
 velasco Gory 38-5³ Tex.-Cal. L. Cal.
 [Mex.
 arizonica Schffr. 06-21³ Cal.-Ariz.
 elata Lec. 58-68³ Tex.
 ?cavata Lec. 58-68³ ?Ala.
 cyaneous Chamb. 33-41³ Cal.
 tularensis Chamb. 38-445 Cal.
 californica Lec. 57-45³ Cal. Ore.
 cribrana Mots. 59-182³
 bernardensis Obenb. 24-35³

Thrincopyge

alacris
 v.strandi Obenb. 36-104 Tex.

Agæocera

gigas Cast. & Gory 39-2¹¹ Mex. Ariz.

Hippomelas

pacifica Chamb. 38-446 Cal.
 9313, for 76-288 read 83-288⁴

Texania

strandii Obenb. 36-109 U.S.A.¹²

Psiloptera

riograndei Knull 37-16 Tex.

²⁹ Fall—34.³³ Valid species, Fall—34.³⁴ Revision of California species, Fall—34.³⁵ Fall—33.¹ Obenberger—36.² Van Dyke—37.³ Revision of genus, Chamberlin—33.⁴ Chamberlin in litt.⁵ Valid species or variety, Duncan—34.⁶ Possibly a synonym of *lineipicta*, Fall—34.⁷ Cited as distinct species, Fall in litt.⁸ Listed as a synonym of *biedermanni*, Van Dyke—34.⁹ Revision of genus, Knull—37.¹⁰ Obenberger—Col. Cat. p. 84.¹¹ Fall—34.¹² "U.S.A.: Fort Madison."—Obenberger—36.

Dicerca

- 9333, for 23-13 read 23-163⁴
hesperoborealis Hatch & Beer 38-151
 [Wash.]
tenebrica Kby. 37-155
prolongata Lec. 59-194⁸
sexualis Cr. 73-87 Cal.-Wash.
californica Cr. 73-87^{8 13}
obscura Fab. 81-274
mutica Lec. 59-196⁸

Hesperorhipis

- (*Hesperorhipis* of 2nd suppl. p. 29)¹⁴
mirabilis Knull 37-303 Ariz.
hyperbolus Knull 38-137 Ariz.

Buprestis

- intricata* Csy. 09-118¹⁵ Cal.
maculativentris Say. 24-272
 v. *subornata* Lec. 59-208¹⁶
rusticorum Kby. 37-151¹⁵ B.C.-Cal.-Ar.
nuttalli Kby. 37-152
alternans Lec. 59-207¹⁶
consularis Gory 40-120¹⁶
langi Mannh. 43-237¹⁵ Alas.-Ore.
murrayana R.Hopp. 34-174
contortæ || R.Hopp. 33-84^{16 17}

Xenorhipis

- osborni* Knull 36-73 Tex.

Melanophila Esch. 29-9¹⁸

- * MELANOPHILA (s.str.)¹⁸
conspua Lec. 57-44¹⁶ Cal. Ariz.
monochroa Obenb. 28-209¹⁸
isolata Obenb. 28-209¹⁸
notata Cast. 37-4¹⁵ Fla.-Mex.-M.St.
luteosignata Mannh. 37-70¹⁸ [Cuba
 s. *elegans* Sloop 37-7 Ariz.
opaca Lec. 59-213¹⁸ Fla. Ga.
notata Cr. 73-89¹⁶
acuminata DeG. 74-133¹⁸ No.Holarctic
acuta Gmel. 88-1939¹⁸
morio Fabr. 92-210¹⁶
appendiculata Fabr. 92-210¹⁸
pecchii Cast. & Gory. 37-33¹⁸
longipes Say 23-164¹⁶
immaculata Mannh. 37-70¹⁸
occidentalis Obenb. 28-209¹⁸ Cal.
atropurpurea Say 36-213¹⁶ Ariz.-Ut.-
 [Ark.]

PHÆNOPS Lac. 57-47¹⁸

- obtusa* Horn 82-106¹⁸ Ga.
intrusa Horn 82-105¹⁶ Pac.Cst.
æneola Melsh. 46-146¹⁸ E.&M.&S.Sts.
metallica Melsh. 46-146¹⁸
carolina Manee 13-164¹⁸ N.C.

¹³ This synonymy conflicts with that given by Obenberger—Col. Cat. p. 111.

¹⁴ Fall in litt.

¹⁵ Distinct species, R.Hopping—33.

¹⁶ R.Hopping—33.

¹⁷ Casey's name was spelled *contorta* and might therefore be considered not to invalidate *contortæ* of Hopping.

¹⁸ Revision of genus, Sloop—37.

- drummondi* Kby. 37-159¹⁶ Cal.-Wash.
 v. *abies* Champl. & Kn. 23-105 N.E.¹⁸
abietis Obenb. 30-441¹⁵
gentilis Lec. 63-42¹⁶ Pac.Cst.
prasina Lec. 60-254¹⁸
pini-edulis Burke 08-117¹⁸ Colo. Ut.
 [Ariz.]
fulvoguttata Harris 29-2¹⁶ N.E.N.A.
octospilota Cast. & Gory 37-4¹⁸
croceosignata Cast. & Gory 37-5¹⁸
decolorata Cast. & Gory 37-5¹⁹
guttulata Hamilt. 89-138¹⁵
cauta Dej. 33-89¹⁸
drummondi Kby. 37-159¹⁸ Ore.-Ariz.
umbellatarum Kby. 37-159¹⁸
guttulata Mannh. 53-221¹⁶
 a. *tristicula* Obenb. 28-209¹⁸
 ? *lecontei* Obenb. 28-210¹⁸ Cal.
arcuata Fall 31-83¹⁶ Ariz.

XENOMELANOPHILA Sloop

- [37-18
 N.Mex.]

- miranda* Lec. 54-83¹⁶

Anthaxia

- viridifrons*
californica VanD. 18-54¹⁶ Cal.
 a. *basicyanea* Obenb. 36-134 N.J. Pa.
 a. *embrikaria* Obenb. 36-134 Can.-
 [N.J.-Ind.]
vandykeana Obenb. 36-135 Cal.
embrik-strandella Obenb. 36-135 Cal.
serripennis Obenb. 36-135 Iowa
quercata
 a. *floridana* Obenb. 36-134 Fla.
cyanella
 a. *rossi* Obenb. 36-134 Ky. Pa.

Chrysobothris

- atrifasciata* Lec. 73-332
atrofasciata of Leng Cat. p. 182¹⁹
platti Cazier 38-14 Cal.
alleni Cazier 38-15 Ariz.
schæfferi Obenb. 34-649 L.Cal.
thoracica || Schffr. 05-128²⁰
scotti Chamb. 38-11 N.Mex.
chiricahuæ Knull 37-37 Ariz.
kelloggi Knull 37-36 N.Mex.
iris VanD. 37-110 Utah
grandis Chamb. 38-14 Ore.
parapiuta Knull 38-138 Ariz.
arizonica Chamb. 38-13 Ariz.
oregona Chamb. 34-38 Ore.
grindeliæ VanD. 37-111 Cal.
canadensis Chamb. 34-37 Alb. Ore.
cupreohumeralis VanD. 34-65 Tex.
boharti VanD. 34-89 Cal.
acaciæ Knull 36-105 Tex.
 9472, for 86-108 read 86-101¹⁹
bisinuata Chamb. 38-13 Cal.
calcarata Chamb. 38-12 Ariz.
planomarginata Chamb. 38-10 Ore.

Knowltonia Fisher 35-117²¹

- * *biramosa* Fisher 35-118 Utah

¹⁹ Chamberlin in litt.

²⁰ Obenberger—34.

²¹ Considered a synonym of *Chrysobothris* by Cazier—88.

Engyaulus Waterh. 89-50
 * *pulchellus* Bland 65-382 Colo. Ariz.
pinaticus Wickh. 03-69²² [N.M.]

Agrilus

santaritæ Knull 37-39 Ariz.
arizonicus Obenb. 36-139 Ariz.
strigicollis Fall 12-41¹
sapindi Knull 38-139 Tex.
shoemakeri Knull 38-99 Ariz.
parkeri Knull 35-189 Ariz.
neabditus Knull 35-190 Ariz.
exhauchuca Knull 37-305 Ariz.
apachei Knull 38-139 Ariz.
9542, for 25-241 read 25-251¹⁹
cercidii Knull 37-304 Ariz.
esperanzæ Knull 35-96 Tex.
arizonus Knull 34-11 Ariz.
osburni Knull 37-38 Ohio
viridescens Knull 35-97 Tex.
parapubescens Knull 34-68 Ariz.
wenzeli Knull 34-333 Ariz.
rubicola Abeille 97-4²³ Eur. E.N.A.
viridis of authors²³
proximus Rey 91-19²³
obtusus Abeille 97-5²³
antiquus Gavoy 26-15²³
chrysoderes || Bedel 21-204²³
fagi || Glover 78-A33²³
politus Weiss 14-438²³
v.communis Obenb. 24-41²³ Eur.
[E.N.A.]
neoprosopidus Knull 38-99 Tex.
cavifrons Waterh. 89-189²⁴ Mex. Ariz.

Paragrilus Saund. 71-127²⁵

(*Clinocera* || Deyr. 64-116)²⁵
(*Rhabdoscelis* Lec. 63-82, part)²⁵
lesueuri Waterh. 89-126²⁵ S.A. C.A.
[?Ariz.]
tenuis Lec. 63-82²⁵ N.Y.-Fla.-Ill.
texasus Schffr. 04-211²⁵ Tex.

Taphrocerus Sol. 33-314²⁶

* *howardi* Obenb. 34-42 Fla.
gracilis Say 25-253²⁶ E.U.S.-Ia.-Ariz.
alboguttatus Mannh. 37-120²⁶
cylindricollis Kerr 96-312²⁶
texasus Kerr. 96-312²⁶
nicolayi Obenb. 24-55²⁶ N.Y. Mass.
albonotatus Blatch. 19-29²⁶ Fla.-N.C.
floridanus Obenb. 34-48 Fla.
lævicollis Lec. 78-403²⁶ Fla. Ala.
agrilloides Cr. 73-96²⁶ Fla.-Tex.
puncticollis Schw. 78-363²⁶ Fla. Ala.

Mastogenius

subcyaneus
s.crenulatus Knull 34-334 N.J.-Fla.-
[La.]

DRYOPOIDEA¹**LIMNICHIDÆ**¹**Limnichinæ**¹**Limnichites**¹**Lutrochus**¹**Cephalobyrrhinæ**¹**Throscinus**¹**DRYOPIDÆ**¹**Dryopinæ** (*Pelonominæ*)¹**Pelonomus**¹**Oberonus**¹**Dryops**¹**Helichus** Er. 47-510^{1 2}(*Dryops* of Leach 17-88)²(*Parygrus* Er. 47-510)³(*Pachyparnus* Fairm. 88-338)³*productus* Lec. 52-43² Cal.*immsi* Hntn. 37-318 Cal. Ariz. Tex.*propinquus* Hntn. 35-68 L.Cal.*confluentus* Hntn. 35-71² Ga.-Ariz.*longulus* Musg. MS²*lithophilus* Germ. 24-88² Can.-Fla.-Ia.*basalis* Lec. 52-43² Mass.-Ga.*falli* Musg. MS²*fastigiatus* Say 24-275² Mass.-Fla.-Kan.*striatus* Lec. 52-43² Que.-Cal.-B.C.*v.foveatus* Lec. 52-43²*columbianus* Brown 31-118²*triangularis* Musg. 35-143² Ariz. Tex.*suturalis* Lec. 52-43² Cal. C.A.*gilensis* Lec. 52-43^{2 4}*æqualis* Lec. 54-81^{2 4}

* * *

elmoides Shp. 82-121⁴

* * *

puncticollis Shp. 82-121⁵ Ariz. ?C.A.**PSEPHENIDÆ**¹**Psepheninæ**¹**Psephenus**¹¹ Notes on relationships of families, subfamilies, and genera, Hinton—39.² Revision of genus, Musgrave—35.³ Hinton—36.⁴ Hinton—37.⁵ Hinton—34.¹ Obenberger—36.¹⁹ Chamberlin in litt.²² Obenberger—35.²³ Obenberger—Col. Cat. p. 152.²⁴ Knull—37.²⁵ Revision of the genus, Obenberger—35.²⁶ Revision of genus, Obenberger—34.

Eubrianacinae¹**Eubrianax**¹**ELMIDÆ (Helmidae)**¹**Larinae**¹**Lara**¹**Phanocerus**¹**Elminae**¹**ELMINI**¹**Elsianus**¹**Steuelmis** Duf. 35-158^c

- nubifera Fall 01-238 Cal. Ore. Wash.
 sexlineata Sandn. 38-663 Kan. Tex.
 crenata Say 24-275 N.B.-Ala.-Tex.
 sordida Mots. 59-51^c
 exigua Sandn. 38-669 Ark.
 beameri Sandn. 38-671 Mo. Ark.
 lateralis Sandn. 38-672 Pa.-Va.-Ark.
 concinna Sandn. 38-674 Que.-N.C.
 tarsalis Sandn. 38-675 Ont.-W.Va.-Okla.
 knobeli Sandn. 38-677 Ark.
 bicarinata Lec. 52-44 Vt.-Tex.
 exilis Sandn. 38-680 Ark.
 mera Sandn. 38-682 Que.-N.C.-Ark.
 douglasensis Sandn. 38-685 Mich.
 grossa Sandn. 38-686 Miss. La. Ark.
 parva Sandn. 38-688 Okla. Tex.
 fuscata Blatch. 25-164 Fla.
 hungerfordi Sandn. 38-690 Fla.
 humerosa Mots. 59-50 Mass.-S.C. Tenn.
 linearis Zimm. 69-259^c
 mirabilis Sandn. 38-693 Conn. N.C. S.C.
 antennalis Sandn. 38-695 Fla. Ala. Miss.
 quadrimaculata Horn 70-40 Que.-D.C.-
 sulcatus Blatch. 10-681^c [Mich.
 blatchleyi Musg. 33-57^c
 musgravei Sandn. 38-698 N.Y.-Va.-Mo.
 sinuata Lec. 52-44 Ga.-S.C.-Miss.
 decorata Sandn. 38-701 D.C. Ind. Kan.
 vittipennis Zimm. 69-259 Que.-S.C.-Kan.
 convexula Sandn. 38-704 Fla.
 märkelii Mots. 54-12 Mass.-Ark.
 ?canaliculata Gyll. 08-552^c Eur.
 elongata Mots. 59-51^c ?N.A.

Simsonia Carter & Zeck 29-58¹³

- * vittata Melsh. 44-99³ N.Y. Ind. Man.
 bivittata Lec. 52-44³ Wis.
 quadrinotata Say 25-187³ M.St. Can.
 brunnescens Fall 25-177³ Cal.
 dietrichi Musg. 33-54³ Fla. Ga. Miss.

^c Revision of genus, Sanderson—38.

Elmis¹

- immunis Fall 25-178
 cryophilus Musg. 32-79⁷
 addenda Fall 07-226⁸
 ornata Schffr. 11-120⁸

Narpus Csy. 93-582¹⁹

- * concolor Lec. 81-75⁹ B.C. Alb. Wash.
 solutus Brown 33-46⁷⁹
 angustus Csy. 93-583⁹ Cal.
 angustatus Hntn. 36-57
 arizonica Brown 30-90⁹ Ariz.

Heterlimnius Hntn. 35-178¹

- * kœbeleii Martin 27-68¹⁰ Wash.
 divergens Lec. 74-52¹⁰ B.C. Cal.
 tardellus Fall 25-179¹⁰ Mass.
 cryophilus Musg. 32-79¹⁰ Tenn.
 subarcticus Brown 30-241^{10 11} Que.
 trivittatus Brown 30-91¹⁰ Que.
 ovalis Lec. 63-74¹⁰ Pa. Ind.
 elegans Lec. 52-43¹⁰ Vt.
 quadrimaculatus Horn 70-37¹⁰ Cal.

Microcylloepus Hntn. 35-178^{1 10}

- * pusillus Lec. 52-44¹⁰ M.St. Can.
 s.apta Musg. 33-56 Va. Fla.
 s.perdita Musg. 33-56 Fla.
 s.lödingi Musg. 33-56 Ala. Miss.
 foveatus Lec. 74-53¹⁰ Cal.
 similis Horn 70-38¹⁰ Ariz.

Neelmis Musg. 35-34^{1 12}

- * cæsa Lec. 74-53¹² Tex.

Limnius Er. 47-522^{1 13}

- * latiusculus Lec. 66-380¹³ Pa.

Heterelmis¹

- browni Hatch 38-16 Mont.

ANCYRONYCHINI¹**Macronychus** Müll. 06-207^{1 13}

- * glabratus Say 25-187¹³ E.U.S.
 thermæ Hatch 38-18 Mont.

Ancyronyx¹**Zaitzevia** Champ. 23-170^{1 13}

- * parvulus Horn 70-41¹³ B.C. Cal.
 columbiensis Angell 92-84¹⁴

¹ Fall—34.

² Cited as probably the only American species remaining in the genus, Hinton—35.

³ Revision of genus, transferred from Dryopini, Hinton—36.

¹⁰ Revision of genus, Hinton—35.

¹¹ As synonym of tardellus, Fall—34.

¹² Revision of genus, Musgrave—35.

¹³ Revision of genus, Hinton—36.

¹⁴ Sanderson—38.

HETEROCERIDÆ

Heterocerus

- LITTORIMUS Gozis 85-120
compactus Fall 37-30 Man. Ia.

DASCILLIDÆ

- Macropogon Mots. 45-38¹⁵
* sequoiæ Hopping 36-46¹⁵ Cal.
testaceipennis Mots. 59-362¹⁵ Cal.-B.C.
 rubricollis Pic 27-34¹⁵
 cribricollis Brown 29-274^{15 16}

piceus Lec. 61-362¹⁵ N.B.-Ill.-B.C.
 rufipes Horn 80-79¹⁵
 dubius Brown 29-273^{15 16}

Anorus Lec. 59-86¹⁷

- * piceus Lec. 59-87¹⁷ Cal. L.Cal.
 parvicollis Horn 94-365¹⁷ Ariz.
 arizonicus Blais. 34-323 Ariz.

CHELONARIIDÆ

- Chelonarium Fabr. 01-101¹⁸
* lecontei Thoms. 67-84¹⁸ Fla.

NITIDULIDÆ

- Brachypterolus Grouv. 13-387
* pulicarius Linn. 58-357¹⁹ Eur. Wis.
 [N.Eng.]
Carpophilus
 humeralis Fab. 98-74 Cal. Fla.
 rickseckeri Fall 10-124²⁰

Nitidula

- carnaria Schall. 83-257¹⁹ Eur. Wis. Cal.

Phenolia Er. 43-299²¹

- * grossa Fabr. 01-347²¹ Can.-Me.-Wyo.-
 [Tex.]

Soronia Er. 43-277²¹

- * guttulata Lec. 63-64²¹ N.Y.-Ore.-Ariz.

Lobiopa Er. 43-291²¹

- * setosa Harold 68-104²¹ Mass.-Ut.-B.C.
 setulosa || Lec. 63-63²¹
 substriata Hamilt. 93-306²¹
 oblonga Parsons 39-159 Cal.
 undulata Say 25-179²¹ Me.-Fla.-Mich.-
 [Mex.]

¹⁵ Revision of genus, R.Hopping—36.

¹⁶ Fall—34.

¹⁷ Revision of genus, Blaisdell—34.

¹⁸ Placed in Dryopidæ by Mequignon—34.

¹⁹ Dodge—37.

²⁰ Parsons in litt.

²¹ Revision of group of genera, Parsons—39.

- falli Parsons 39-161 Ariz.
brunnescens Blatch. 17-238²¹ Fla. Mass.
punctata Parsons 39-163 Fla. Jamaica
?insularis Cast. 40-10²¹ Gulf.St.

Amphotis Er. 43-290²¹

- * ulkei Lec. 66-376²¹ Mass.-D.C.
 schwarzi Ulke 87-77²¹ Va. Ala. N.C.

Pocadius Er. 43-318²²

- * fulvipennis Er. 43-319²² Mex. Cal.
 dorsalis Horn 79-311²²
 helvolus Er. 43-320²² Conn.-Ga.-B.C.-
 breviusculus Reitt. 76-318²² [Tex.
 ferrugineus Chev. 63-604²² [Mex.
 infuscatus Reitt. 74-94²² [W.I.
 limbatus Reitt. 74-95²²
 niger Parsons 36-116 N.M. Ariz.
 fulvipennis || Fall & Ckll. 07-175²²
 basalis Schffr. 11-117²² Ariz.

Cryptarcha Shuck. 39-165²³

- CRYPTARCHA (s.str.)²³
 ampla Er. 43-356²³ Que.-Fla.-Cal.-Or.
 (*grandicollis* Reitt., not No. Amer.)²³
 glabra Schffr. 09-375²³ Ariz.
 strigatula Parsons 38-98 Mass.-Ga.-
 [Mich. Tex.]

strigata of authors (not Fabr.)

concinna || Reitt. 73-150²³

LEPIARCHA Shp. 91-385²³

- (*Cryptarchula* Ggib. 99-551)²³
 gila Parsons 38-99 Ariz. Cal.
 concinna Melsh. 53-41²³ Mass.-Fla.-
 liturata Lec. 63-30²³ [Cal.-Ore.]
 picta Melsh. 46-107²³
 bella Reitt. 73-150²³

HEMIPEPLIDÆ

Hemipeplus²⁴

EROTYLIDÆ

Ischyryus

- quadripunctatus Oliv. 91-437
 alabamæ Schffr. 31-175²⁵
 a.antedivisa Mader 38-19 (no. loc.)

CRYPTOPHAGIDÆ

Cryptophagus

- dentatus Hbst. 93-15^{26 27} Arctic N.A.
 blumi Blais. 37-158 Mont.

²² Revision of genus, Parsons—36.

²³ Revision of genus, Parsons—38.

²⁴ Transferred from Cucujidæ (and placed near Melandryidæ and Oedemeridæ) by H. Scott—33.

²⁵ Mader—38.

²⁶ Brown—37.

²⁷ Blair—33.

COLYDIIDÆ

RHAGODERINI²⁸

ORTHO CERINI

Rhagodera²⁹

CORTICINI

Anchomma²⁹

* * *

Phlæonemus

(adhærens Shp., not No. American)²⁹Microsicus³⁰parvulus Guer. 29-189³⁰ S.U.S. Mex.
setosus Shp. 94-456³⁰Lasconotus Er. 46-258³¹*(Illestus* Pascoe 63-33)²⁹*(Lado* Wankow. 67-249)²⁹*(Othismopteryx* Sahlb. 71-44)²⁹

Aulonium

bidentatum Fab. 01-556³² L. Cal. C.A.
[W.I.]Lapethus Csy. 90-317³³*(Lytopeplus* Shp. 95-494)*(Brachylon* Gorrh. 98-256)

LATHRIDIIDÆ

Corticaria

linearis Payk. 98-302³⁴ Eur. Sib.
[Greenl.]

Enicmus

tricarinatus Brown 34-22 Sask.

MYCETÆIDÆ

Stethorbanis

borealis Blais. 34-325 B.C.

²⁸ This tribe unnecessary, the genera placed elsewhere, Hinton—35.²⁹ Hinton—35.³⁰ Hinton—36.³¹ This name was not validated by Erichson in 1845 (1846). Hinton—35 credits it to Leconte 59-282 but Lacordaire was earlier.³² Fall—34.³³ Placed in Murmidiidæ by Leng but in Colydiidæ by Hinton—36.³⁴ Carpenter—38.

COCCINELLIDÆ

Hyperaspis

leachi Nunen. 34-19 Cal.
biornatus Nunen. 34-18 Cal.
fimbriolata Melsh. 46-180
s.marginatus Gaines 33-263 Tex.

Hyperaspidius

horni Nunen. 34-19 N.J.

Scymnus

maderi Nunen. 37-183 Cal.
quercus || Nunen. 34-18
scotti Nunen. 34-17 Cal.
schuberti Nunen. 34-17 Ariz. Cal.

Coccidula

suturalis Weise 95-132⁴⁵ Vanc.-N.J.
occidentalis Horn 95-114³⁵

Psyllobora

plagiata Schffr. 08-125 Ariz.
kæbelei Nunen. 11-71³⁶

Ceratomegilla

cottlei Nunen. 34-20 Wyo.

Adonia

amœna Fald. 35-453³⁷ Alaska, Asia

Hippodamia

hoppingi Nunen. 34-21 Cal.
lunatomaculata Mots. 45-382
a.lengi Joh. 10-865³⁶ Cal.
nigromaculata Nunen. 34-20 (Ad-
[alia])³⁶

Cleis

concolor Crotch 74-142³⁸ Mex. ?Tex.Anatis Muls. 51-133³⁹* ocellata Linn. 58-366³⁹ Eur. Sib.s.halonis Lew. 96-28³⁹s.mali Say 24-93³⁹ N.H.-N.J.-Wash.*labiculata* Say 35-288³⁹rathvoni Lec. 52-132³⁹ Cal. Ore. Ida.s.lecontei Csy. 99-98³⁹ Ariz. N.M.

[Colo. Wis.]

quindecimpunctata Oliv. 08-1027⁴⁰

[Can.-N.C.-Ark.-Ill.]

caseyi Westc. 12-422³⁹*signaticollis* Muls. 50-134³⁹

[Ill.]

Exochomus

californicus Csy. 99-107⁴⁰ Cal. Nev.quatuorpusulatus Linn. 58-367⁴⁰ Eur.

[Cal.]

quadripusulatus Nunen. 34-113³⁵ Dodge—38.³⁶ Nunenmacher in litt.³⁷ Scott—33.³⁸ Gaines—33.³⁹ Revision of genus, McKenzie—36.⁴⁰ Valid species, Nunenmacher—34.

Brumus

blumi Nunen. 34-114 Cal.

Epilachna

varivestis Muls. 50-815 N.A.
corrupta Muls. 50-815⁴¹
a.genuina Muls. 50-817³⁶
a.juncta Joh. 10-79³⁶

sparsa Blais. 23-237 L.Cal.
 blairi Blais. 36-888 "Cal.merid."
 tuckeri Csy. 24-297^{3 4} Ariz.
 imperialis Blais. 36-94 Cal. Ariz.
 tanneri Blais. 36-97 Cal.
 tortugensis Blais. 36-100 L.Cal.

Eschatomoxys Blais. 35-125

wagneri Blais. 35-125 Cal.

Craniotis⁵**Euschides**

lecontella Blais. 36-227 Cal.
 v.tempestalis Blais. 36-229 Cal.
 speculatus Blais. 36-225 Cal.
 cressoni Blais. 33-191 Cal.

Eleodes

paradoxa Blais. 31-78⁶ Cal.
montanus Blais. 25-385⁶
 MELANELEODES Blais. 09-33
 lineata Blais. 39-55 Ariz.
 omissa Lec. 58-186
 s.tumida Blais. 33-194⁴ Cal.

* * *

spoliata Blais. 33-196 Ore.
 acuta Say. 23-258
 s.pernigra Blais. 37-128 Tex.
 ELEODES (s.str.)
 dentipes Esch. 29-10
 s.sordida Blais. 35-30 Cal.

* * *

amedeensis Blais. 33-199 Cal. Nev.
 armata Lec. 51-134
 v.pumila Blais. 33-197 Cal.
 ARPELEODES Blais. 37-128
 tibialis Blais. 09-311⁷ L.Cal.

* * *

kaweana Blais. 33-203 Cal.
 scabriventris Blais. 33-202 Cal.
 oblonga Blais. 33-206 Cal.

BLAPYLIS Horn 70-301
 indentata Blais. 35-28 Wash.
 STENELEODES Blais. 09-33
 ornatipennis Blais. 37-129 N.Mex.
 HOLELEODES Blais. 37-132
 beameri Blais. 37-132 Ariz.
 bryanti Blais. 37-134 Ariz.
 palmerleensis Blais. 37-136 Ariz.

Neobaphion

elongatum Blais. 33-208 Nev.

Eleodopsis Blais. 39-52⁸

subvestita Blais. 39-53 Sn Nich.Id.,Cal.

⁵ Belongs in Asidinae—Craniotini, before Asidini, Blaisdell—37.⁶ Blaisdell—35.⁷ Blaisdell—37.⁸ Belongs in Eleodopsinae—Eleodopsini, to follow Eleodinae.**ALLECULIDÆ****Pseudocistela** Cr. 73-108⁴²

* (*Cistela* of Lec. & Horn)⁴²
 (*Chromatia* Lec. 61-244)⁴²
amœna Say 23-268 Ind. O. Tex.
brevis Say 23-269 E.Can. E.U.S.
erythroptera Ziegl. 44-46
rufipes Melsh.
pinguis Lec. 59-16 N.M. Kan. Cal.
pacificæ R.Hopp. 33-284 B.C. Cal.
opaca Lec. 59-78 Cal.
theveneti Horn 75-156
marginata Ziegl. 44-46
pectinata R.Hopp. 33-285 B.C.

TENEBRIONIDÆ¹*AUCHMOBIINI* ***Auchmobius** Lec. 51-139²

* *sublævis* Lec. 51-140² Cal.
subovalis Blais. 34-238 B.C.
slevini Blais. 34-243 Cal.
parvicollis Blais. 34-246 Cal.
angelicus Blais. 34-249 Cal.
picipes Blais. 34-252 Cal.
subboreus Blais. 34-254 Cal.
sanfordi Blais. 34-257 Cal.

* * *

Stibia Horn 70-260³

(*Eutriophus* Csy. 24-296^{3 4})
granulata Blais. 23-238 L.Cal.
fallaciosa Blais. 36-70 L.Cal.
puncticollis of Blais. (not Horn)³
 v.interstitialis Blais. 36-73 L.Cal.
cribrata Blais. 23-239 L.Cal.
opaca Blais. 25-329 (nom.nud.)³
williamsi Blais. 25-328 L.Cal.
puncticollis Horn 70-260³ Cal. L.Cal.
hannui Blais. 25-329²
s.martinensis Blais. 36-83 L.Cal.

³⁶ Nunenmacher in litt.⁴¹ Brown—36.⁴² R.Hopping—33.¹ Blaisdell—39. (Contains discussions of relationships and components of certain subfamilies and tribes arranged in two sections: (1) Tentyriinae, Coniointinae, Asidinae (Craniotini, Asidini); (2) Eleodinae (Eleodini, Amphidorini), Helopininae (Stenotrichini, Helopini), Blaptinae, Zopherinae, etc., etc.)² Revision of genus, Blaisdell—34.³ Revision of genus, Blaisdell—36.⁴ Blaisdell—33.

Adeliinæ⁹Cratidus⁹Amphidora⁹Trichoderulus⁹

* * *

Coniontis

- elongata Csy. 90-380
protensa Csy. 08-104¹⁰
?obsidiana Csy. 08-100
viatica Esch. 29-7 Cal.
lucidula Csy. 08-103¹⁰
innocua Csy. 08-99¹⁰
timida Csy. 08-102¹⁰
conicicollis Csy. 08-102¹⁰

Tribolium MacL. 25-47¹¹

- (*Margus* Dej. 33-200)
 * *castaneum* Hbst. 97-282¹¹ Cosmop.
ferrugineum of Dej. 21-68^{11 12 13}
confusum Duval 68-181¹¹ Cosmop.
ferrugineum of Muls. 54-244¹¹
madens Charp. 25-218¹¹ Eur. Afr. N.A.
obscurum Redt. 42-17¹¹

Corticus Pill. & Mitt. 83-87

- (*Corticus* of authors)¹⁴
(*Hypophlcus* Fabr. 90-24)¹⁴
(*Paraphlcus* Seidl. 94-553)¹⁴
strublei Blais. 34-188 Cal.
occidentalis Wallis 33-249¹⁵ B.C.
minor Wallis 33-248¹⁵ Alb.
subopacus Wallis 33-247¹⁵ B.C.

Centronopus Solier 48-154¹⁶

- * (*Scotobænus* Lec. 59-87¹⁶)
(*Centronipus* Dej. MS)¹⁶
parallelus Lec. 59-88¹⁶ Cal. Ore.
wagneri Blais. 33-218 Cal.
simplex Blais. 37-95 Cal.
punctatus Blais. 33-220 Cal.

Helops

- guadalupensis* Csy. 90-488¹⁷ Guad. Id.,
[Cal.
crockeri Blais. 33-89 Guad. Id., Cal.

Stenotrichus¹⁸

- * *rufipes* Lec. 51-136 Cal.
parallela Csy. 24-328 (Amphidora)¹⁹
confluens Csy. 24-329¹⁹

⁹ Delete, transfer genera to Amphidorini and Eleodini, Blaisdell—39.

¹⁰ Results derived from rearing, Blaisdell—35.

¹¹ Revision of genus, Good—36.

¹² Other synonyms do not belong here, Good—36.

¹³ Shepard in litt, Uyttenboogaart, etc.

¹⁴ Blaisdell—34.

¹⁵ Described in *Hypophlcus*.

¹⁶ Revision of genus, Blaisdell—33.

¹⁷ Valid species, Blaisdell—33.

¹⁸ Transfer to Helopinæ—Stenotrichini, to follow

Helops, Blaisdell—39.

¹⁹ Blaisdell—33.

LAGRIIDÆ²⁰

Lagriinæ

Arthromacra Kby. 37-238²⁰

- ænea* Say 24-287 Can.-Minn.-Mo.
donacioides Kby. 37-239²⁰
v.glabricollis Blatch. 10-1285²¹ Ind.
v.rugosicollis Leng 14-287 Ga.
robinsoni Leng 14-286 Va.
appalachiana Leng 17-18 Va. N.C.
pilosella Leng 17-18 Tenn. Ky.

Statirinæ²⁰Statira Serv. 25-479²⁰

- STATIRA (s.str.)²⁰
pluripunctata Horn 88-29 Ariz.
simulans Schffr. 05-180 Tex.
croceicollis Mäkl. 63-594 ?Ala.
gagatina Melsh. 46-311 Pa.
basalis Horn 88-31 U.S.
colorata Fall 09-165 L.Cal.

MELANDRYIDÆ

(Serropalpidæ)

Xylita Payk. 98-249

- * *lævigata* Hell. 86-318²² Eur. N.A.
livida Sahlb. 34-448²² Eur. N.A.

Zilora Muls. 56-84²³

- * *alabamensis* Mank 38-102 Ala.
hispida Lec. 66-148²³ N.H.
occidentalis Mank 38-104 Cal.-B.C.
nuda Prov. 77-321²³ Que.
?canadensis Hausen 90-91²³ Que.

PTINIDÆ

Ptinus

GYNOPTERUS Muls. & Rey.
[68-53²⁴

- tectus* Boield. 56-652²⁴ Austral. S.A.
pilosus || White 46-8²⁴ [W.I. Eur.
ocellus Brown 29-109²⁴ [Afr. Asia,
[B.C. Wash.

ANOBIIDÆ

Neogastrallus Fisher 38-43²⁵

- libronocens* Fisher 38-44 Fla.

Nicobium

- hirtum* Ill. 07-19²⁶ Fla. Eur.

²⁰ Revision of family, Borchmann—36.

²¹ Leng Catalog.

²² Mank—37.

²³ Revision of genus, Mank—38.

²⁴ Hatch—34.

²⁵ In Anobiini near *Gastrallus*.

²⁶ Snyder—35.

Hadrobregmus

destructor Fisher 38-26 Alaska

Platybregmus Fisher 34-275²⁷

canadensis Fisher 34-275 Ont.

Eupaectus Lec. 61-203²⁸*(Thaptor* Gorh. 83-205)²⁹
oblongus Gorh. 83-206²⁸ Cal. Mex.**BOSTRYCHIDÆ****Endecatomois** Mellie 47-108^{30 31}* reticulatus Hbst. 93-70³¹ Eur. S.St. Ind.
rugosus Dej. MS (Gemm. & Har.)³¹
rugosus Rand. 38-26³¹ Me.-Va.-Tex.-
dorsalis Mellie 48-218³¹ [Mich.**Sinoxylon**simplex Horn 85-155 Tex.
brevicollis Csy. 98-70 (Amphice-
[rus])³²**Rhizopertha**dominica Fabr. 92-359³³ Cosmop.
pusilla Fabr. 98-156³³
fissicornis Marsh. 02-82³³
piceus Marsh. 02-88³³
rufa Hope 45-16³³
frumentarius Nördl. 55-? ³³
moderatus Walk. 59-260³³**Heterarthron***(parvulum* Lesne, not No. American)³⁴**LYCTIDÆ****Trogoxylon**³⁵caseyi Lesne 37-240 Tex.
rectangulus || Csy. 24-184³¹**CISIDÆ****Octotemnus**

dixiensis Tanner 34-47 Utah

²⁷ In Anobiini near Hadrobregmus.²⁸ Van Dyke—36.²⁹ Used also as subgenus, Van Dyke—36.³⁰ Spelled Hecatomois by Lesne and others.³¹ Revision of genus, Lesne—35.³² Lesne—37.³³ Potter—35.³⁴ Lesne—37.³⁵ Placed in Bostrychidæ by Lesne—37.**SCARABÆIDÆ****Pinotus***(spadiceus* Lued., not No. American)¹**Phanaeus**floridanus Dols. 24-94² Fla.
niger Dols. 24-95² La.
quadridens
v.borealisis Dols. 24-100²
vindex
v.cyanellus Rob. 38-107 Fla.**Onthophagus**depressus Har. 71-116
carteri Blackb. 04-147³ Ga. S.Afr.**Aegialia**LEPTAEGIALIA Brown 31-12
browni Saylor 34-74 Cal.
* * *
conferta Horn 71-294⁴ Ga. Ill. Cal.
nigrella Brown 13-47⁴ |Wash.**Trichlorhyssenus*** alternatus Hntn. 38-127⁵ Mex. ?Ariz.**Aphodius**utahensis Rob. 38-107 Utah
essigi Saylor 35-134 Cal.
rehni Rob. 38-109 Colo. Ariz.
linsleyi VanD. 33-115 Cal.
browni Hntn. 34-277
smithi || Brown 30-2⁶
rugoclypeus Hntn. 34-219 Cal.
cadaverinus of Saylor 33-188⁶
cadaverinus Mannh. 43-261⁶ Cal.
martini VanD. 28-153⁶ Cal.
washtucna Rob. 38-108 Wash.
dilaticollis Saylor 35-80 Ore.**Euparia** Serv. 25-357⁷* castanea Serv. 25-357⁷ Fla.-La. C.A.**Euparixia** Brown 27-288¹*(Euparixa* Leng & Mutch. 33-39)¹**Atænius**mlamii Cartw. 34-200 Fla.
platensis Blanch. 37-185⁸ S.A. W.I.
integer Har. 68-96⁸ [N.C. Tex.
anticus Fall 30-105⁸
falli Hntn. 34-119
consors || Fall 30-104⁸
carolinus VanD. 28-157⁹**Xeropsamobeus** Saylor 37-36

* desertus VanD. 18-10 Cal.

¹ Chapin in litt.² Transferred from Copris, Chapin in litt.³ Cartwright—38.⁴ Fall in litt.⁵ Hinton—38.⁶ Hinton—34.⁷ Revision of genus, Hinton—36.⁸ Hinton—37.⁹ Transferred from Aphodius, Hinton—37.

Pleurophorus

- batesii Arrow¹⁰ W.I. C.A. N.A.
parvulus of authors¹⁰
nanus of Horn 87-96¹⁰

Saprosites Redt. 58-436

- * *ventralis* Horn 87-92¹¹ Can. D.C. Ind.

Phæocrous Cast. 40-108^{12 13}

- * (*Phæocrous* Pering. 08-646)¹²
(*Silphodes* Westw. 45-160)¹²
emarginatus Cast. 40-109¹² E.Ind. ?Cal.
behrensii Horn 67-163¹²

Geotrupes

- (*lævistriatus* Mots., not No. Amer.)¹⁴
(*occidentalis* Horn 80-144, syn.)¹⁴

Pleocoma Lec. 56-24^{15 16}

- * *remota* Davis 24-23^{15 16} Utah
behrensii of Smith 85-33¹⁶
shastensis VanD. 33-183^{15 16} Cal.
puncticollis Rivers 89-17^{15 16} Cal.
rickseckeri Horn 88-5^{15 16} Cal.
trifoliata Linsley 38-57 ?Alaska
australis Fall 11-65^{15 16} Cal.
bicolor Linsley 35-11^{15 16} Cal.
carinata Linsley 38-56 Ore.
simi Davis 34-24^{15 16} Ore.
oregonensis Leach 33-186^{15 16} Ore.
fimbriata Lec. 56-25^{15 16} Cal.
tularensis Leach 33-186^{15 16} Cal.
fimbriata of Davis 35-17¹⁶
behrensii Lec. 74-83^{16 18} Cal.
sonomæ Linsley 35-12^{15 16} Cal.
hirticollis Schauf. 70-58^{15 16} Cal.
fimbriata of Lec. 57-40¹⁶
s.vandykei Linsley 38-56 Cal.
crinita Linsley 38-53 Cal.
hoppingi Fall 06-394^{15 16} Cal.
badia Fall 17-15^{15 16} Cal.
conjungens Horn 88-7^{15 16} Cal.
hirsuta Davis 34-83^{15 16 17} Cal.
blaisdelli Linsley 38-55 Cal.
conjungens of Leach 33-185¹⁶
staff Schauf. 70-52^{15 16} Cal.¹⁸
adjuvans Crotch 74-58¹⁶
dubitalis Davis 35-30^{15 16 19} Ore.
s.leachi Linsley 38-52 Ore.
minor Linsley 38-52 Ore.
edwardsi Lec. 74-83^{15 16} Cal.
staff of Horn 88-11¹⁶
ulkei of Leach 33-184¹⁶
ulkei Horn 88-9^{15 16} ?Utah,²⁰ Cal.

Benedictia Sanderson 39-1²¹

- * *pilosa* Sandn. 39-2 Tex.

Lichnanthe Burm. 44-26

(*Amphicoma* of authors)²²

Oncerinae²³

Oncerus Lec. 56-283²³

- * *floralis* Lec. 56-284²³ Cal.

Nefoncerus Saylor 38-101²³

- * *convergens* Horn 94-394²³ Cal.

* * *

Chaunocolus Saylor 37-35²⁴

- * *cornutus* Saylor 37-35 L.Cal.

Chnaunanthus Burm. 44-31²⁵

- * (*Acratus* Horn 67-165)²⁵
(*Pseudacratus* Dalla Torre 12-7)²⁵
flavipennis Horn 67-165²⁵ Ariz. Ut.
palmeri Horn 94-393²⁵
discolor Burm. 44-32²⁵ Mex. L.Cal.
chapini Saylor 37-535²⁵ Cal. Ore.

Serica MacLeay 19-146²⁶

- (*Aserica* Lewis 95-394)²⁶
porcula Csy.²⁷
alternata Lec. 56-276 N.M.-Cal. Colo.
[Ut.
s.exolita Dawson 33-437 Cal.
s.patruela Dawson 33-437 Cal.
acontia Dawson 33-438 Cal.
repanda Dawson 33-439 Cal.
laguna Saylor 35-1 Cal.
peregrina Chpn. 38-68 Japan, N.Y.
similis of Leng & Mutch. 33-90²⁸
brunnea || Waterh. 75-101²⁸
mckenziei Saylor 35-2 Cal.
prunipennis Saylor 36-4 Cal.
pruinosa || Saylor 35-2²⁹
falcata Daws. 33-439 Nev. Cal.-Wash.
stygia Daws. 33-439 Cal.
prava Daws. 33-440 Cal.
senta Daws. 33-440 Cal.

Autoserica Brenske 97-356²⁶

- * (*Aserica* of Arrow, not Lewis)²⁶
castanea Arrow 13-398 Japan, N.Y., N.J.

Diplotaxis

- falli* Saylor 35-35 Cal.
testacea Burm. 55-263³⁰ Carolina
basalis Fall 09-73 Kan. Neb. Colo.

¹⁰ Cartwright in litt.

¹¹ Transferred from *Pleurophorus*, Chapin and Cartwright in litt.

¹² Robinson—38.

¹³ To follow *Pachyplectris*.

¹⁴ Robinson—38, and Chapin in litt.

¹⁵ Revision of genus, A. C. Davis—35.

¹⁶ Linsley—38; a more complete revision than that of Davis, but arranged alphabetically.

¹⁷ Described as a variety of *conjungens* but elevated to species by Linsley—38.

¹⁸ This probably should be changed to Oregon, Leach—33.

¹⁹ Described as a variety of *staff* but elevated by Linsley—38 and locality cited as California.

²⁰ Found only in California, Leach—33.

²¹ Belongs in *Pleocominae*, Sanderson—39.

²² Chapin—38.

²³ Revision of subfamily, Saylor—38.

²⁴ Probably in *Chasmatopterini* of Leng Catalog.

²⁵ Revision of genus, Saylor—37.

²⁶ These names are arranged thus by Chapin—32, but *Autoserica* is placed as synonym of *Aserica* Lewis by Arrow—27 and —33.

²⁷ Valid species, Dawson in litt.

²⁸ Chapin—38.

²⁹ Saylor—36.

³⁰ These references were reversed in the catalog; the species are probably distinct, Fall in litt.

- Phyllophaga** Harris 26-6
 (*Melolontha* Fabr. 75-31)³¹
 (*Stenothorus* Harris 26-8)³¹
 (*Rhizotrogus* Berthold 27-362)³¹
 (*Lachnosterna* Hope 37-99)³¹
 (*Holotricha* Hope 37-99)^{31, 32}
 (*Ancylonycha* Blanch. 45-216)³¹
 (*Trichesthes* Er. 47-658)³¹
 (*Trichestes* Blanch. 50-141)³¹
 (*Tostegoptera* Blanch. 50-149)^{31, 33}
 (*Eugastra* Lec. 56-233)³¹
 (*Endrosa* Lec. 56-234)³¹
 (*Gynnis* Lec. 56-262)³¹
 (*Phytalus* Er. 47-658)^{32, 34}
- lanceolata Say 23-242 Wis.-Ark.-N.M.-
 [Colo.
 arizona Bloeker 36-55³⁵ Ariz.
 grisiana Bloeker 36-56³⁵ Tex.
 cacieri Bloeker 36-57³⁵ Kans.
 squamipilosa Saylor 37-280 Tex.
 cribrosa Lec. 53-231³⁶
 s. cribrosa (s.str.)³⁶ Kan.-Mex.
 s. ventricosa Lec. 53-440³⁶ Tex.-Ariz.
 cribrosa of Horn 87-217³⁶
 epigæa Wickh. 03-71³⁶ Tex. N.M.
 schæfferi Saylor 37-231 Ga.
 georgiana || Schffr. 09-382³²
 pagilis Saylor 37-321 Fla.
 parva || Linell 96-726
 ephillida Say 25-196
 longitarsis || Burm. 55-359³¹
 burmeisteri Lec. 56-144³¹
 longitarsa Say 23-241
 frontalis Lec. 56-239³¹
 clemens Horn 87-227 N.J.-Fla. Tex.
 howei Sandn. 37-17³⁷
 congrua Lec. 56-243
 fervens | Blanch. 50-133³¹
 yucana Saylor 37-321
 sericata || Blanch. 50-136³²
 kentuckiana Ritche 37-285 Ky. Ala.³⁷
 floridana Rob. 38-110 Fla. Ga.³⁷ Ala.³⁷
 omani Sandn. 37-66 Ala. Ga.
 hirticula Knoch 01-79
 hirsuta || Say 13-142³¹
 crenulata Blanch. 50-133³¹
 quercus Knoch 01-72
 fervida Ill. 02-44³¹
 sequoiana Saylor 36-2 Cal.
 linsleyi Saylor 36-4 Ariz.
 stohleri Saylor 38-130 Nev.
 dentex Bates 88-192³⁸ Mex. Ariz.
 pusillidens Fall 37-31
 microdon || Fall 29-113³⁹
- crassissima Blanch. 50-133
 fervida | Blanch. 50-133³¹
 obesa Lec. 56-251³¹
 robusta Lec. 56-257³¹
 generosa Horn 87-222³¹
 subpruinosa Csy. 84-38
 deani Luginb. 28-78³⁴
 micans Knoch 01-77
 sororia Lec. 56-246³¹
 lodingi Sandn. 39-4 Ala.
 fusca Froelich 92-99
 fervida | Oliv. 89-24³¹
 fervens Gyll. 17-74³¹
 fraterna Harris 41-29
 cognata Burm. 55-322³¹
 nova Smith 89-508³¹
 forsteri Burm. 55-325
 fosteri Travis 34-332
 luctuosa Horn 87-254
 rugostodes Linell 96-728¹²
 texana Sandn. 37-16 Tex.
 duvalus Rob. 38-110 Fla.
 linelli Saylor 37-321
 minor || Linell 95-728³²
 jonesi Sandn. 39-5 Ala.
 ilicis Knoch 01-71
 porcina Hentz 30-253³¹
 fimbriata Burm. 55-326³¹
 ciliata Lec. 56-253³¹
 subtonsa Lec. 56-254³¹
 burmeisteri DallaT. 12-193³¹
 inflexa Barrett 35-49 Ariz.
 elizoria Saylor 37-321 Fla.
 pygidialis || Schffr. 06-257³²
 fucata Horn 87-278
 linsleyi Saylor 36-4³¹
 psiloptera Sandn. 39-7 Tex.
 howei Sandn. 37-17 S.C. Fla.
 youngi Cartw. 35-102 Fla.
 crinita Burm. 55-359
 longiclavus Fall 22-173 (Listroche-
 [us]¹
 perita Sandn. 37-14 Ariz.
 * PHYTALUS Er. 47-658^d
 trichodes Bates 90-178
 robustus of Horn 95-120^d
 sandersonia Saylor 39-161^d
 omani Sandn. 37-10 Ala.
 georgiana Horn 85-122 N.J. Ala.
 obsoleta Blanch. 50-131 C.A.
 s.vanalleri Schffr. 27-215^d Ala. La.
 [Tex.
 bilobatata Saylor 39-165 Ariz. ?N.M.
 cephalicus of Horn 85-120^d
 pallida Horn 85-121 Ariz. Mex.
 sonora Saylor 39-167 Ariz. Mex.
 debilis of Horn 85-122^d

³¹ Travis—34.³² Saylor—37.³³ Used as subgenus by Bloeker—36.³⁴ Also used as subgenus by Saylor in litt., and other writers.³⁵ Saylor in litt.³⁶ Von Bloeker—37.³⁷ Sanderson—39.³⁸ Saylor—35.³⁹ Fall—37.**Listrochelus**

- langeri Chpn. 34-93 Colo. N.M. Ut.
 duncani Barrett 33-129 Ariz.

^d Revision of subgenus, Sanderson—39.¹ Chapin in litt.¹² Robinson—38.

Chlænobia Blanch. 50-116⁴⁰
 * *vexata* Horn 85-120 (Phytalus)⁴⁰ Tex.
cavifrons Linell 96-729

Polyphylla

conspersa Burm. 55-407⁴¹
 r.hammondi Lec. 56-228⁴¹ Kan.-Ill.
 r.subvittata Lec. 56-229⁴¹ Tex.
squamicauda Csy. 14-324⁴¹
oblita Csy. 14-326⁴¹
bisinuata Csy. 14-327⁴¹
 r.molesta Csy. 14-324⁴¹ N.Mex.
 ?*verecunda* Csy. 14-325⁴¹ N.Mex.
 ?*impigra* Csy. 14-326⁴¹ N.Mex.
 ?*sejuncta* Csy. 14-328⁴¹ N.Mex.
 r.proba Csy. 14-329⁴¹ Ariz.
 ?*diffusa* Csy. 14-329⁴¹ Ariz.
 ?*pimalis* Csy. 14-330⁴¹ Ariz.
 (r.cavifrons Lec., not No. Amer.)⁴¹
barbata Cazier 38-161 Cal.
hirsuta VanD. 33-116 Ariz.
occidentalis Linn. 67-555⁴¹
 r.variolosa Hentz 30-256⁴¹ Me.-N.Y.
 r.occidentalis (s.str.)⁴¹ Va.-Fla.
 r.gracilis Horn 81-73⁴¹ Fla.
 r.comes Csy. 14-352⁴¹ Ky.
 r.speiosa Csy. 89-17⁴¹ N.M. Colo.
10-lineata of Csy. (part.)⁴¹
acomana Csy. 14-342⁴¹
latifrons Csy. 14-340⁴¹
 ?*diffRACTA* Csy. 89-17⁴¹ N.Mex.
 ?*adusta* Csy. 14-331⁴¹ N.Mex.
 r.10-lineata Say 23-246⁴¹ Kan.
 ?*reducta* Csy. 14-346⁴¹ Wash.
 ?*nigra* Csy. 14-334⁴¹ Wash.
 ?*crinita* of Csy.⁴¹ Wash.
 r.perversa Csy. 14-348⁴¹ Wash.
 r.oregona Csy. 14-348⁴¹ Ore.
 ?*opposita* Csy. 14-330⁴¹ Ore.
 ?*mystica* Csy. 14-334⁴¹ Ore.
 ?*crinita* of Csy. (part)⁴¹
 r.modulata Csy. 14-333⁴¹ Ore.
 r.arguta Csy. 14-339⁴¹ Utah
 r.laticauda Csy. 14-345⁴¹ Nev.
 r.rugosipennis Csy. 14-337⁴¹ Ariz. Ut.
 r.matrona Csy. 14-350⁴¹ Ariz.
 r.fuscula Fall 08-161⁴¹ Ariz.
 ?*lævicauda* Csy. 14-338⁴¹ Ariz.
 ?*r.crimita* Lec. 56-230⁴¹ Cal.
 ?*r.incolumis* Csy. 14-335⁴¹ Cal.
 ?*r.relicta* Csy. 14-336⁴¹ Cal.
 ?*r.robustula* Csy. 14-336⁴¹ Cal.
 ?*r.sobrina* Csy. 14-339⁴¹ Cal.
 ?*r.squamotecta* Csy. 14-343⁴¹ Cal.
 ?*r.pacifica* Csy. 95-607⁴¹ Cal.
 ?*r.ruficollis* Csy. 14-346⁴¹ Cal.
 ?*r.castanea* Csy. 14-347⁴¹ Cal.

Phobetus Lec. 56-227⁴²
 * *comatus* Lec. 56-227^{42 43} Cal. Ore.
leachi Barrett 35-51⁴²
 v.centralis Csy. 09-281^{42 44} Cal.
 v.sloopi Barrett 33-130^{42 43} Cal.

saylori Cazier 37-116 Catal. Id. Cal.
ciliatus Barrett 35-51^{42 43} Cal.
testaceus Lec. 61-346^{42 43} Cal.
collacutus Walker 66-346 *
humeralis Cazier 37-85 Cal.
mojavus Barrett 33-130^{42 43} Cal.
palpalis Saylor 36-1⁴² Cal.

Dichelonyx

arizonica Barrett 33-132 Ariz.
vicina Fall 01-291
deserta Hopping 31-236³³
arizonensis Saylor 33-158 Ariz.

Cænonycha

tingi Cazier 37-126 Cal.
testacea Cazier 37-127 Cal.
stohleri Saylor 35-102 Nev.

Plectris Serv. 25-369

* (?*Philochlænia* Blanch. 50-122)⁴⁵
aliena Chpn. 34-34 S.Car.

Ceraspis Serv. 25-370

* (*Faula* Blanch. 50-124)⁴⁵
pilatei Har. 63-174³⁸ Ariz. C.A.
bawi Nonfr. 90-76⁴⁶

Leptohoplia Saylor 35-132⁴⁷

* *testaceipennis* Saylor 35-133 Cal.

Hoplia

lecontei DallaT. 13-376 Cal.
pubicollis || Lec. 56-285³⁹
floridana, for Ind. read Fla.¹

Anomala

foraminosa Bates 88-229¹² Mex. Tex.
insitiva Rob. 38-112 Tex.
polychalca of Schffr. 06-2¹²
dubia Scop. 63-3^e Eur. N.J.

Rutelinae⁴⁸*Areodina*

Cotalpa Burm. 44-423⁴⁸
 * COTALPA (s.str.)⁴⁸
consobrina Horn 71-337 Ariz.
flavida Horn 78-53 Ut. Ariz.
lanigera Linn. 64-22 Can.-N.J.
s.obesa Csy. 15-90⁴⁸ Ind. Ia. Wis.
molaris Csy. 15-90 La.
subcibrata Wickh. 05-3 Kans.
tau Wickh. 05-2 Ariz.
vernicata Csy. 15-91 Va. N.Y.
 PARACOTALPA Ohaus 15-256⁴⁸
 (*Pocalta* Csy. 15-68)⁴⁸
brevis Csy. 15-95 Cal.
granicollis Hald. 52-374 Utah
lævicauda Csy. 15-95 Cal.

⁴⁰ Chapin—35.⁴¹ Kuntzen—33.⁴² Revision of genus, Cazier—37.⁴³ Revision of genus, Barrett—35; all as valid species.⁴⁴ As synonym, Barrett—33.^e Angell in litt.⁴⁵ Chapin—34.⁴⁶ Dalla Torre—Col. Cat. p. 59.⁴⁷ Probably a new tribe near Hopliini, Saylor—35.⁴⁸ Revision of subfamily, Ohaus—34.

- nigripennis Csy. 15-97 Cal.
 pubicollis Csy. 15-98 Utah
 puncticollis Lec. 63-78 N.Mex.
 rotunda Csy. 15-96 Cal.
 rubripennis Csy. 15-97 Cal.
 ursina Horn 67-168 Cal.
- PARABYRSOPOLIS Ohaus
 [15-256⁴⁸
 (*Parareoda* Csy. 15-68)⁴⁸
- arizonæ Ohaus 12-313 Ariz.
 batesi Ohaus 15-257 Mex. ?Ariz.
lanigera Bates 88-291⁴⁸
 rufobrunnea Csy. 15-100 Ariz.
Pelidnotina
- Plusiotis** Burm. 44-417⁴⁸
- * woodi Horn 85-124 Tex.
 ampliata Csy. 15-82 Ariz.
 beyeri Skinner 05-289 Ariz. Mex.
s.ocularis Csy. 15-83⁴⁸
 angustata Csy. 15-86 Ariz.
 lecontei Horn 82-120 Ariz. N.M. Mex.
 gloriosa Lec. 54-221 Ariz. Mex.
- Pelidnota** MacLeay 19-157⁴⁸
 (*Aglycoptera* Shp. 85-2)⁴⁸
 (*Odontognathus* Lap. 40-139)⁴⁸
 (*Strigidia* Burm. 44-388)⁴⁸
- PELIDNOTA (s.str.)
- lucæ Lec. 63-78 L.Cal.
 lugubris Lec. 74-54 Ariz. Mex.
 lutea Oliv. 89-23 Tex. Fla.
s.brevicollis Csy. 15-74⁴⁸ Fla.
s.hudsonica Csy. 15-74⁴⁸ N.Y.
s.pallidipes Csy. 15-74⁴⁸ Va.
s.texasensis Csy. 15-74⁴⁸ Tex.
 oblonga Csy. 15-73 La.
s.debiliceps Csy. 15-73⁴⁸ N.J.
s.ponderella Csy. 15-73⁴⁸ D.C.
 punctata Linn. 58-350 N.A. ?Mex.
 tarsalis Csy. 15-74 N.Y.
- Parastasiina*
- Parastasia** Westw. 41-204
- * (*Barymorpha* Guer. 43-41)⁴⁸
 (*Calidia* Burm. 44-331)⁴⁸
 (*Echmatophorus* Waterh. 95-158)⁴⁸
 (*Polymæchus* Lec. 56-23)⁴⁸
 (*Urleta* Westw. 75-238)⁴⁸
- brevipes Lec. 56-23 Pa. N.Y. Mo.
 conicicollis Csy. 15-104 Pa.
Rutelina
- Rutela** Latr. 02-151
- * (*Microrutela* Bates 04-250)⁴⁸
 formosa Burm. 44-383 Cuba, Fla.
- * * *
- Coscinocephalus** Prell 36-145
 (*Anoplocephalus* || Schffr. 06-259)⁴⁹
- ⁴⁸ Revision of subfamily, Ohaus—34.
⁴⁹ Prell—36.
- Cyclocephala** Latr. 29-552
- * (*Diapatalia* Csy. 15-111)⁵⁰
 (*Aclimidia* Csy. 15-113)⁵¹
 SPILOSOTA Csy. 15-112^{51 52}
 (*Ochrosidia* Csy. 15-112)^{51 52 53}
- hirta Lec. 61-346⁵² Cal. Ariz. Ut.
nigricollis Burm. 47-54⁵²
robusta Lec. 66-79⁵²
magister Csy. 15-132⁵²
palidissima Csy. 15-133⁵²
inconspicua Csy. 15-133⁵²
s.pilosicollis Saylor 36-2⁵² Cal.
villosa Burm. 47-54⁵² ?Cal.
 abrupta Csy. 15-152⁵² Cal. Ore. Ariz.
phasma Csy. 15-153⁵²
obesula Csy. 15-156⁵²
oblongula Csy. 15-156⁵²
rustica Csy. 15-157⁵²
reflexa Csy. 15-153⁵²
 pasadenæ Csy. 15-148⁵²
arizonica Csy. 15-149⁵²
 immaculata Oliv. 90-29⁵² ?Cal.
nigrifrons Panz. 94-?⁵²
frontalis Sturm. 43-116⁵²
rufifrons Csy. 15-145⁵²
- DICHROMINA Csy. 15-160^{51 52}
 dimidiata Burm. 47-57⁵²
- * * *
- knobelæ Brown 34-33 Ark.
 borealis Arrow 11-172 N.Y.
villosa Burm. 47-54⁵⁵
 californica Arrow 37-9 Cal.
rustica Csy. 15-157⁵⁴
- Ligyrodes** Csy., belongs in Cyclocephalini after Dyscinetus^{1 55}
- Cheiroplatys**
 (*Pseudaphonus* Csy. 15-178)⁵⁴
 (*Orizabus* Fairm. 78-260)⁵⁴
- Aphonus** Lec. 56-21⁵⁶
- * castaneus Melsh. 46-138⁵⁶ Me.-S.C.
obesus Burm. 47-119⁵⁶
trapezicollis Csy. 15-219⁵⁶
saginitus Csy. 15-220⁵⁶
cubiformis Csy. 15-221⁵⁶
 densicauda Csy. 15-216⁵⁶ Pa.
 tridentatus Say 23-209⁵⁶ Me.-Fla.-Ind.
frater Lec. 56-22⁵⁶
elongatus Csy. 15-220⁵⁶
aterrimus Csy. 15-216⁵⁶
congestus Csy. 15-218⁵⁶
politus Csy. 15-218⁵⁶
modulatus Csy. 15-219⁵⁶
scutellaris Csy. 24-335⁵⁶
 variolosus Lec. 48-88⁵⁶ Ga. Fla.
hydropicus Lec. 56-22⁵⁶
ingens Csy. 24-334⁵⁶
- ¹ Chapin in litt.
⁵⁰ Saylor in litt.
⁵⁰ Arrow—37.
⁵¹ Considered as a synonym of *Cyclocephala* by Arrow—37.
⁵² Revision of subgenera *Spilosota* and *Dichromina*, Saylor—37.
⁵³ Used as valid genus by Brown—34.
⁵⁴ Arrow—37.
⁵⁵ Placed as synonym of *Ligyros* by Arrow—37.
⁵⁶ Revision of genus, Arrow—37.

- Aphonides** Rivers 89-6
(*Anoplognathus* || Rivers 89-101)⁶⁹
- Strategus** Hope 37-87
(*Anastrategus* Csy. 15-231)⁶⁴
anteus Drury 73-74 Fla. Tex.
atrolucens Csy. 15-247⁶⁴
septentrionis Csy. 15-249⁶⁴
divergens Csy. 15-246⁶⁴
pinorum Csy. 15-248⁶⁴
- Megasoma** Kby. 25-566
(*Megasomimus* Csy. 15-261)⁶⁴
- Gymnetis** MacLeay
chevolati G. & P.
s.ramulosa Bates 69-389⁶⁷ Nic. Ariz.
ramifera Schffr. 05-159⁶⁷
balteata Csy. 15-280⁶⁷
- Cineretis** Schürh. 37-56⁶⁸
* *argenteola* Bates 89-354⁶⁷
s.*argenteola* (s.str.)⁶⁷ Mex.
a.lætula Csy. 15-281⁶⁷ Ariz.
- Potosia** Muls. 71-669⁶⁹
* *affinis* Ander. 97-154 Eur. Asia, Cal.
- Euphoria**
casselberryi Rob. 37-163 Tex.
- Euphoriaspis** Csy. 15-333
* *hirtipes* Horn 80-401 Neb.
æstuosa Horn 80-400⁶⁰ Kan.
- CREMASTOCHEILINI**⁶¹
- Cre mastocheilus** Knoch 01-115⁶¹
(*Trinodia* Csy. 15-365)⁶¹
(*Anatrinodia* Csy. 15-369)⁶¹
lengi Cazier 38-86 Ariz.
MACROPODINA Csy. 15-344⁶¹
- Genuchinus** Westw. 74-23⁶¹
(*Psilocnemis* Burm. 42-676)⁶¹
- Lissomelas** Bates 89-376⁶¹
- * * *
- Osmoderma** ..
* *scabra* Beauv.⁶²
eremicola Knoch⁶²
- Trichiotinus** Csy. 15-381⁶³
* *piger* Fabr. 75-41⁶³ Me.-Fla.-Tex.-Minn.
drummondi G. & P. 33-88⁶³
rotundicollis Kby. 37-138⁶³
hmulatus LeBaron 71-194⁶³
reductus Csy. 15-384⁶³
texanus of Leonard 28-430⁶³
rufobrunneus Csy. 14-375⁶³ Fla.
obesulus Csy. 14-376⁶³
affinis of Blatch. 30-34⁶³
texanus Horn 76-194⁶⁴ Kan. Okla. Tex.
monticola Csy. 15-383⁶³ [N.M.
intermedius Csy. 15-383⁶³
assimilis Kby. 37-137⁶³ N.S.-Pa.-N.M.-
bistriqua Newm. 38-170⁶³ [B.C.
piger of Burm. & Sch. 40-413⁶³
variabilis Burm. & Sch. 41-240 [(part)⁶³
bibens Burm. 42-756 (part)⁶³
affinis of Schaum 49-293 (part)⁶³
affinis G. & P. 33-93⁶³ N.H.-Ga.-Ill.
piger B. & S. 40-413 (part)⁶³
variabilis B. & S. 41-240 (part)⁶³
bibens Burm. 42-755 (part)⁶³
mutabilis Schaum 44-400 (part)⁶³
ventricosus Csy. 15-386⁶³
parvulus Csy. 15-387⁶³
viridans of Leonard 28-430⁶³
viridans Kby. 37-139⁶³ Mich.-Kan.-Minn.
piger B. & S. 40-413 (part)⁶³
variabilis B. & S. 41-240 (part)⁶³
bibens Burm. 42-755 (part)⁶³
affinis Schaum 49-293 (part)⁶³
lunulatus Fabr. 75-41⁶³ Va.-Fla.-Tex.
viridulus Fabr. 75-820⁶³
virens Gmelin 90-1584⁶³
piger of Schönh. 17-105 (part)⁶³
bibens Burm. 42-755 (part)⁶³
mutabilis Schaum 44-400 (part)⁶³
semiviridis Csy. 14-376⁶³
carolinensis Csy. 14-376⁶³
rasilicauda Csy. 15-389⁶³
rufiventris Csy. 15-390⁶³
bibens Fabr. 75-40⁶³ N.Y.-Ga.-Ill.
bidens Oliv. 89-62⁶³
viridulus of Hubb. & Schw. 78-655⁶³

LUCANIDÆ

Pseudolucanus

- capreolus* Linn. 64-32
a.nigricephalus Benesh 39-273 Ill.
a.muticus Thunb. 06-205⁶⁴ Md. Tenn.

Dorcus

- brevis* Say 25-202⁶⁵ N.J.-Ga.-Mo.
parallelus Say 24-248⁶⁵ Bor. Amer.
parallelopipedus Linn. 58-354⁶⁵ Eur. Que.

⁶¹ Schürhoff—37.⁶² To follow *Gymnetis*, Schürhoff—37.⁶³ Intercepted by quarantine at San Francisco, Ting—34.⁶⁴ Transferred from *Euphoria*, Chapin in litt.⁶⁵ Generic revision of tribe, Cazier—38.⁶⁶ These are the only nearctic species, Hoffmann in litt.^e Angell in Litt.⁶³ Revision of genus, Hoffmann—35.⁶⁴ Benesh—39.⁶⁵ Benesh—37.

Platycerinae

Platycerus⁶⁶Megasemum Kr. 79-97
(*Nothorhina* || Csy. 12-263)⁵
aspera Lec. 54-18⁵ Ore. Vanc.Tetropium
auripile Bates 85-435⁶ Mex. Ariz.Opsimus Thoms. 60-377
* quadrilineatus Mannh. 43-305 Alas.-Cal.
biplectralis Csy. 24-229³Oeme
californica Linsley 34-162 Cal.
laticollis Linsley 34-163 Cal.
gracilis Lec. 81-27
densicollis Csy. 24-250 (Paranop-
[lium])⁶Pseudomethia Linsley 37-65
arida Linsley 37-66 Cal.Methia
evaniformis Knull 37-306 Tex.
xanthocollis Knull 35-98 Tex.
juniperi Linsley 37-64 Cal.
brevis Fall 29-58⁶ L.Cal.Osmidus Lec. 73-177
* guttatus Lec. 73-178 L.Cal. Ariz.
obscurella Csy. 24-255³
vestitus Csy. 24-255³Brothylus
gemmulatus Lec. 59-80 Cal. Utah
consors Csy. 24-254³
longicollis Csy. 24-254³PHORACANTHINI⁷Romaleum White 55-309⁷
(*Thersalus* Pascoe 66-372)⁸
(*Hypermallus* Lac. 69-302)⁸Eustromula Ckll. 06-242⁷
* (*Eustroma* Lec. 73-186)⁸
validum Lec. 58-82 Tex. Cal. L.Cal.
huachucae Csy. 24-245 (Anoplum)⁴Elaphidion Serv. 34-66⁷
(*Centrocerum* Thoms. 64-244)⁸
(*Cyclopleurus* Hope 35-107)⁸
(*Hypermallus* || Csy. 12-292)⁸Anelaphus Linsley 36-464
* spurcum Lec. 53-442⁹ Tex.
truncatum Hald. 47-33⁹ Fla. Tex.
niveivestitum Schffr. 05-132⁹ Tex.
brevidens Schffr. 08-333⁹ Ariz.
quadricollis Csy. 24-246⁹ Ariz.
inermis Newm. 40-29⁹ Pa. Fla. Tex.
albofasciatus Linell 96-393⁹ Cal. Ariz.
linelli Csy. 24-246⁹⁵ Van Dyke—37.⁶ Linsley—34.⁷ Rearrangement of genera in the tribes Phoracanthini and Sphaerionini, Linsley—36.⁸ Linsley—36.⁹ Transferred from Anoplum by Linsley—36.PASSALIDÆ⁶⁷

Pseudacanthinae

Popilius Kaup 71-75
* (*Passalus* of authors)⁶⁷
disjunctus Ill. 00-78 N.A.-S.A.
cornutus Fabr. 01-256⁶⁷
interruptus Linn. 64-35 (part)⁶⁷
distinctus Weber 01-79⁶⁷

Passalinae

Passalus Fabr. 92-24
* (*Neleus* || Kaup 69-30)⁶⁷
interruptus Linn. 58-354 L. Cal.
sulcatus Scop. 68-76⁶⁷ [Tex.-S.A.
spectabilis Perty 30-55⁶⁷
grandis Dej. 37-194⁶⁷
tlascala Perch. 35-45⁶⁷
punctiger St. Farg. & Serv. 25-20
*synonyms*⁶⁸ [Tex.-S.A.]

CERAMBYCIDÆ

Aplagiognathus Thoms. 60-320¹
* remotus Linsley 34-161 Ariz.Stenodontes
masticator Thoms. 67-99² Ariz. C.A.
[S.A.]Prionus
californicus Mots. 45-89
crassicornis Lec. 52-108³
ineptus Csy. 12-742³
humeralis Csy. 24-216³
s.horni Lam. 12-243⁴ Ariz.
lecontei Lam. 12-244⁴ Cal.Spondylis Fabr. 75-159
* upiformis Mannh. 43-304 Alas.-L.Sup.-
laticeps Lec. 50-233³ [Ariz.-Cal.
collaris Csy. 12-218³
robustula Csy. 12-219³
subpubescens Csy. 12-219³
basalis Csy. 12-220³
parva Csy. 24-226³⁶⁶ Transferred from Dorcinae, Benesh—37.⁶⁷ Revision of family, Hincks & Dibb—35.⁶⁸ See Col. Cat. pars 142 for list of 47 synonyms of this species.¹ Belongs in subfamily Prioninae, tribe Macrotonini, and subtribe Archetypini, Linsley—34.² Subgenus *Mallodon*, Linsley—34.³ Linsley—38.⁴ Linsley—35.

Anopliomorpha Linsley 36-465⁷
 * rinconium Csy. 24-248⁹ Ariz.
 reticollis Bates⁹ ?Ariz. L.Cal. Mex.

Anoplium Hald. 47-34⁷
 * nanulum Csy. 24-247⁸ Ariz.
 tuckeri Csy. 24-247⁸ Ariz. Tex.
 hoferi Knull 34-69⁸ Ariz.
 simile Schffr. 08-334⁸ Ariz.
 mœstum Lec. 53-442⁸ Fla. Tex.
 duncani Knull 27-117⁸ Ariz.
 unicolor Hald. 47-34⁸ Pa. Tex.
 cinerascens Lec. 50-15⁸
 magnipunctata Knull 34-12 N.Mex.
 tricallosum Knull 38-140 Ariz.
 nanum Fabr. 92-300⁸ Cuba, Fla.
 subtropicum Csy. 24-245⁸

Elaphidionopsis Linsley 36-467⁷
 * fasciatipennis Linsley 36-467 Tex.

*SPHERIONINI*⁷

Axestinus Lec. 73-177⁷
 * (Proteinidium Bates 92-149)⁸
 obscurus Lec. 73-177 Tex.

Aneflus Lec. 75-185⁷
 * sonoranus Csy. 24-241 Ariz. N.M. Tex.
 obscurus of Leng 85-pl. II, f. 27.⁸
 prolixus Lec. 63-203 L.Cal.-Tex.
 fisheri Knull 34-335⁸
 protensus Lec. 58-82 Cal.-Tex. Mex.
 cochisensis Csy. 12-296⁸
 calvatus Horn 85-132 Ariz. Cal.

Aneflomorpha Csy. 12-291⁷
 * duncani Linsley 36-472 Ariz.
 parkeri Knull 36-334 Ariz.
 texana Linsley 36-473 Tex.
 elongata Linsley 36-473 Cal.
 californica Linsley 36-476 Cal.
 levetti Csy. 92-29¹⁰ Ariz.
 arizonica Linsley 36-475 Ariz.
 fisheri Linsley 36-475 Tex.

Anepsyra Csy. 12-291⁷
 * tenue Lec. 54-81⁸ Tex. Ariz.
 aculeatum Lec. 73-184¹¹ Tex.

Stenelaphus Linsley 36-477⁷
 * alienum Lec. 75-173 Ariz.

Stenosphenus Hald. 47-39⁷
 notatum Oliv. 95-61 E.St.

Gymnopsyra Linsley 37-67⁷
 * phoracanthoides Linsley 37-68 Tex.

Psyrrassa Pascoe 66-481⁷
 (*Pseudibidion* Csy. 12-291)⁷
 brevicornis Linsley 34-164 Tex.
 basicornis Pasc. 66-481 Mex. Tex.

* * *

Obrium
 glabrum Knull 37-41 Tex.

*LEPTURINI*¹²

Pyrotrichus Lec. 62-41¹²
 * vitticollis Lec. 62-41 Cal. B.C.
 cribripennis Csy. 13-198¹²
Leptalia Lec. 73-204¹²
 * frankenhaeuseri Mannh. 53-252 Alas.-
 macilenta Mannh. 53-253¹² [Cal.
 fuscicollis Lec. 57-65¹²

Encyclops Newm. 33-392¹²
 * cœrulea Say 27-280 Ont.-Conn.-Ill.
 pallipes Newm. 33-392¹²
 californicus VanD. 20-45 Cal.

Toxotus Dej. 21-112^{12 13}
 * (*Stenocorus* || Csy. 13-205)¹²
 cylindricollis Say 23-4 N.Y.-Ga.-Mo.
 dives Newm. 41-68¹²
 dentipennis Hald. 47-58¹²
 atratus Hald. 47-58¹²

flavolineatus Lec. 54-18 B.C. Wash.
 [?Cal.
 vittiger Rand. 38-29 Que.-Pa.-Minn.
 nigripes Hald. 47-58¹²
 pacificus Csy. 13-209 Cal.
 hesperus Csy. 13-210¹²
 parviceps Csy. 13-210¹²
 tenellus Csy. 13-211¹²
 trivittatus Say 23-422 Man. Mo. Miss.
 virgatus Lec. 74-67¹²
 schauumi Lec. 50-320 Que.-Vt.-Ill.-Minn.
 croceus Leng. 90-68¹²
 cinnamopterus Rand. 38-45 Mass.-
 [N.C.-Kan.
 lateralis Csy. 91-37 Cal.
 uteanus Csy. 24-273¹²
 marginellus Csy. 24-274¹²
 vestitus Hald. 47-59 B.C.-Cal.

nubifer Lec. 59-80¹²
 ater Leng 90-68¹²
 truncatulus Csy. 13-211¹²
 apiciventris Csy. 13-211¹²
 flaccidus Csy. 13-212¹²
 rufipennis Csy. 13-212¹²
 plagiatus Csy. 24-273¹²
 morio Csy. 24-274¹²
 obtusus Lec. 73-206 B.C. Wash. Wyo.
 brevicollis Csy. 13-214¹² [Alb.
 aureatus Csy. 13-213 Cal.
 gilvicornis Csy. 13-213¹²
 sericatus Csy. 13-213¹²
 subpinguis Csy. 13-213¹²
 oregonensis Csy. 13-214 Cal.-B.C.-Alb.

¹² Revision of part of tribe, Hopping—37.
¹³ Linsley — 38 changes the authority of these genera to Zetterstedt (28-376) (74); however, they are amply validated by Dejean in 1821 (p. 112) and must be credited to him.

¹⁰ Transferred from *Aneflus* by Linsley—36.
¹¹ Transferred from *Aneflomorpha* by Linsley—36.

- Stenocorus** Geoff. 62-221¹²
 * (*Rhagium* Fabr. 75-182)¹²
 inquisitor Linn. 58-393 Alas.-Cal.-Conn.
 [Que. Eur. Sib. Japan
indigator Fabr. 87-145¹²
lineatum Oliv. 95-13¹²
investigator Mannh. 52-367¹²
californicum Csy. 13-195¹²
crassipes Csy. 13-195¹²
parvicornis Csy. 13-195¹²
boreale Csy. 13-195¹²
cariniventre Csy. 13-196¹²
thoracicum Csy. 13-196¹²
montanum Csy. 13-197¹²
- Centrodera** Lec. 50-325¹²
 * (*Parapachyta* Csy. 13-216)¹²
 spurca Lec. 57-63 B.C.-Cal.-Nev.-Ida.
cervinus Walk. 66-332¹²
 decolorata Harris 41-93 Que.-N.Y.-Ill.
rudibus Hald. 47-58¹²
lacustris Csy. 18-416¹²
 nevadica Lec. 73-205 Cal. Nev.
oculata Csy. 13-202¹²
 blaisdelli VanD. 27-102 Cal.
picta Hald. 47-58 Conn.-Ga.
pilosa VanD. 27-101 Cal.
 sublineata Lec. 62-40 Pa. N.C.
 tenera Csy. 13-203 Cal.
- Xylosteus** Friv. 38-180¹²
 * ornatus Lec. 73-205 Cal. Ore.
- Anthophylax** Lec. 50-326³
 (*Anthophilax* Lec. 50-236)^{12 3}
 * hoffmanni Beut. 03-518 N.C.
 malachiticus Hald. 45-64 N.S.-N.C.-
cyanea Hald. 47-151¹² [L.Sup.
viridipennis Csy. 18-246¹²
viridis Lec. 50-326^{3 12}
 attenuatus Hald. 47-59 N.B.-Va.-L.Sup.
 quadrimaculatus C. & K. 22-147 Ohio
 mirificus Bland 65-382 B.C.-C.A.-Colo.
venustus Bland 65-382¹²
costaricensis Bates 85-277¹²
 tenebrosus Lec. 73-208 Ore. Cal.
nigrolineatus VanD. 17-36¹²
 subvittatus Csy. 91-37 Colo.
- Pachyta** Dej. 21-112^{12 13}
 * armata Lec. 73-207 B.C.-Or.-Ida.
 lamed Linn. 58-391 Alas.-Cal.-Pa.-
liturata Kby. 37-178¹² [Que. Eur.
nitens Lec. 50-235¹²
conflagrata Mots. 60-147¹²
- Plodes** Lec. 50-318¹²
 * coriacea Lec. 50-318 Ore.
- Evodinus** Lec. 50-325¹²
 * monticola Rand. 38-27 N.S.-N.C.-Wis.
carolinensis Csy. 24-275¹²
 vancouveri Csy. 13-216 Alas.-Cal.
- Gaurotes** Lec. 50-324¹²
 * cressoni Bland 64-69 B.C.-Cal.-Colo.
lecontei Csy. 13-219¹²
 cyanipennis Say 23-423 N.B.-Ind.
servillei Serv. 35-214¹²
ione Newm. 40-423¹²
laportei Guer. 44-253¹²
leonardii Hald. 47-60¹²
 abdominalis Bland 62-270 Ont.-Va.
- Ophistomis** Thoms. 57-319¹²
 * (*Cyphonotida* Csy. 13-260)¹²
 lævicollis Bates 80-39 Ariz. Mex. Guat.
ventralis Horn 94-401¹²
- Bellamira** Lec. 73-328¹²
 * scalaris Say 27-278 N.W.T.-Que.-Fla.
coarctatus Hald. 47-59¹²
- Neobellamira** Sw. & Hopp. 28-15^{12 14}
 * delicata Lec. 74-97 Cal.
 sequoiæ Hopp. 34-115 Cal.
 ?antennata Schffr. 08-342 (Strangalia)¹²
- Strangalina** Auriv. 12-240^{12 14 15}
 * (*Ophistomis* of Csy.)¹²
 (*Strangalia* of Lec.)^{12 14}
 virilis Lec. 73-212 Tex.
 acuminata Oliv. 95-20 Ont.-Md.-O.
emaciata Newm. 41-68¹²
unicolor Hald. 47-62¹²
 famelica Newm. 41-68 N.Y.-Ga.-Mo.-
confluenta Hald. 47-61¹² [Minn.
flaviceps Hald. 47-61¹²
obsoleta Hald. 47-61¹²
solitaria Hald. 47-61¹²
carolina Csy. 13-277¹²
ochreipennis Csy. 13-278¹²
 bicolor Swed. 87-197 N.Y.-Ga.-Mich.
simulans Csy. 13-278¹²
 sexnotata Hald. 47-61 ?Mass. Fla.-
texana Csy. 13-276¹² [N.M.-Colo.
evanescens Csy. 13-276¹²
montana Csy. 91-40¹²
 strigosa Newm. 41-69 Fla.
 luteicornis Fabr. 75-197 Mass.-Fla.-
 [Tex.-Minn.
- Euryptera** Serv. 25-688¹²
 * ignita Schffr. 08-341 Ariz.
 huachucae Schffr. 05-164 Ariz. Tex.
 lateralis Oliv. 95-22 Mass.-Fla.-Miss.
distans Germ. 24-524¹² [Mex.
cincta Hald. 47-63¹²
obsoleta Hald. 47-63¹²
lateralis Hald. 47-63¹²
flavatra Blatch. 14-92¹²
subintegra Csy. 24-285¹²
 cruentata Martin 30-70 Ariz.

³ Linsley—38.¹² Revision of part of tribe. Hopping—37.¹³ Linsley — 38 changes the authority of these genera to Zetterstedt 28-376 (74); however, they are amply validated by Dejean in 1821 (p. 112) and must be credited to him.¹⁴ Hopping—34.¹⁵ This synonymy is given by Linsley—38 thus: *Strangalia* Serv. 35-220 (*Strangalina* Auriv. 12-228, *Ophistomis* Csy. 13-248).

- Argaleus** Lec. 50-319
nitens Lec.,¹⁶ for 50-235 read 50-319³
- Acmæops** Lec., for 50-235 read 50-321³
- Leptura**
tibialis Lec., for 50-339 read 50-329³
splendens Knull 35-191 Ariz.
- Anoplodera**
insignis Fall. 07-251⁶ Cal., Is. off L. Cal.
vittata Oliv. 92-523 N.A.
v.saratogensis Rau 35-63 N.Y.
- Typocerus**
standishi Knull 38-141 Tex. Okla.
- PSEBIINI*¹⁷
- Leptidiella** Strand 36-169
(Leptidea Muls. 39-105)
brevipennis Muls. 39-105¹⁵ Eur. Cal.
- * * *
- Callimellum** Strand 28-2
(Callimus || Muls. 46-App.)¹⁹
cyanipenne Lec. 73-192
variipes Csy. 12-311³
dehiscens Csy. 12-312³
ruficollis Lec. 73-192
longicollis Csy. 12-310³
s.opacipennis Csy. 12-311³ Cal.
- Pœcilobrium**
chalybeum Lec. 73-189 B.C.-Cal. Ida.
rugosipenne Linell 96-395³
minutum Csy. 24-261³
gibsoni Hopp. 31-234³
- Semanotus**
bifasciatum Fabr. 87-152²⁰ N.A.
 ANACOMIS Csy. 12-271²¹
ligneus Fabr. 87-153²¹ N.A.
nicolas White 55-321
litigiosa Csy. 92-25²¹ Cal.
v.terminata Csy. 12-274 Me.
terminalis Vand. 37-112
- Phymatodes**
blandus Lec. 50-79 Cal.
s.picipes Linsley 34-165 Cal.
propinquus Linsley 34-181 Cal.
concolor Linsley 34-181 Cal.
elongatus Hopp. 35-8 B.C.
- ⁶ Linsley—34.
¹⁶ Transferred from *Pachyta*, Linsley—38.
¹⁷ To follow *Necydalini*, Linsley—33.
¹⁸ Linsley—33.
¹⁹ This synonymy is cited by Mequignon—37 but fails to consider the prior name *Pilema* Lec. 73-192 (generally considered to be a synonym) and the still earlier name *Lampropterus* Muls. 63-214 (used as subgenus); nomenclaturally *Lampropterus* must be accepted as the genus name on the basis of these facts.
²⁰ Transferred from *Callidium*, Linsley in litt.
²¹ Van Dyke—37.
- rainieri* VanD. 37-113 Wash.
lecontei Linsley 38-109 Cal.
obscurum || Lec. 59-79³
?grandis Csy. 12-277³ Cal.
vulneratus Lec. 57-60 Cal. B.C.
nigrescens Hardy & Pr. 27-190²²
- Xylotrechus**
undulatus Say 24-291 L.Sup. Id.
fuscus Kby. 37-176²¹
lunulatus Kby. 37-175²¹
frosti VanD. 37-114
fuscus of authors²¹
insignis Lec. 73-199 Cal.
v.nunenmacheri VanD. 30-43⁴ Ore.
- Neoclytus**
confusus VanD. 37-115
kirbyi of authors²¹
longulus of authors²¹
nubilus Linsley 33-93 Cal.
muricatulus Kby. 37-177 Can. N.St.
kirbyi Auriv. 12-392²¹
longipes || Kby. 37-176²¹
acuminatus Fabr. 75-194. E.N.A.
s.hesperus Linsley 35-163 Colo.
resplendens Linsley 35-163 Cal.
- Triodoclytus** Csy. 13-387
(Synclytus Lucas 20-480)²³
- Euderces**
balli Knull 35-192 Ariz.
- Rhopalophora**
bicolorella Knull 34-336 Ariz. Tex.
- Stenosphenus**
aridus Linsley 35-166 Utah
arizonicus Linsley 35-165 Ariz.
basicornis Linsley 34-60 L. Cal.
- Atimia**
helenæ Linsley 34-25 Cal.
- Elytroleptus**
floridanus Lec. 62-42 Mass. N.Y. Fla.
s.immaculipennis Knull 35-99 Tex.
- Tragidion**
opacum Knull 37-306 Tex.
- Moneilema** Say 24-403
(Monoplesa Mots. 75-144)²³
annulata Say 24-404 Kan.-Mont.-Ar.
armigera Mots. 75-146²³ Cal.
scabra Mots. 75-146²³ Cal.
- Monochamus**
fulvomaculatus Linsley 33-118 Cal.
- Dorcaschema**
octovittata Knull 37-307 Tex.
- ⁴ Linsley—35.
²² Hopping—35.
²³ Linsley in litt.

Alphomorphus Linsley 35-100²⁴
vandykei Linsley 3)-79 (Pogonocherus)¹
[Tex.

Leptostylus
falli Linsley 34-182 Ariz.
monki Knull 36-106 Tex.

Leiopus
imitans Knull 36-107 Tex.

*POGONOCHERINI*²⁵

Zaplous Lec. 78-418²⁵
* annulatus Chev. 62-250 Fla. Cuba
hubbardi Lec. 78-415²⁵

Lypsimena Lec. 52-155²⁵
* (*Alloroscelis* Bates 85-358)²⁵
fuscata Lec. 52-155 N.Y.-Fla. Cuba,
leptis Bates 85-358²⁵ [Mex.-S.A.
californica Horn 85-194 Cal.

Callipogonius Linsley 35-79²⁵
* cornutus Linsley 30-86 Tex.

Poliaenus Bates 80-120²⁵
(*Pogonocherus* of auth., in part)²⁵
californicus Schffr. 08-347 Cal.
pilatei VanD. 20-46²⁵
concolor Schffr. 09-102 Cal.
albicus Linsley 34-184 Cal.
oregonus Lec. 61-354 Pac.Cst.-Rky.Mts.
obscurus Fall 10-5 Ariz.
s.ponderosæ Linsley 35-85 Cal.
schaefferi Linsley 33-184 Cal.
vandykei Schffr. 32-153⁶ 25
californicus of authors (in part)⁶ 25
negundo Schffr. 08-164 Ariz.
volitans Lec. 73-232 L.Cal. Guat.
hirsutus Bates 80-120²⁵

Ecyrus Lec. 52-160²⁵
* penicillatus Bates 80-137 Tex. Mex.
fasciatus Hamilt. 96-137²⁶
texanus Schffr. 08-347 Tex.
dasycerus Sav 27-270 E.N.A. Can.
obscura Hald. 47-50²⁵
eriguus Lec. 52-161²⁵
s.floridanus Linsley 35-93 Fla.

Lophopogonius Linsley 35-94²⁵
* crinitus Lec. 73-267 Pac.Cst.

Pogonocherus Zett. 28-364²⁵
(*Pityphilus* Lec. 72-653)²⁵
POGONOCHERUS (s.str.)²⁵
penicillatus Lec. 50-234 Alas. Rky.Mts.
ataskanus Schffr. 08-385²⁵ [E.N.A.

EUPOGONOCHERUS Linsley
[35-97

propinquus Fall 10-6 Pac.Cst. Rky.Mts.
arizonicus Schffr. 08-346 Ariz.
medianus Linsley 35-98 Ariz.
pictus Fall 10-6 Rky.Mts. N.Pac.Cst.
simplex Hamilt. 96-135²⁵
emarginatus Csy. 13-347²⁵
fastigiatus Csy. 13-348²⁵
mixtus Hald. 47-50 N.N.A.
simpler Lec. 73-237²⁵
parvulus Lec. 52-160 N.N.A.
salicicola Csy 13-347²⁵

* * *

Lochmæocles
tesselatus Thoms. 67-90²⁶ Tex. S.A.

Cylindrataxia Linsley 34-183²⁷
salicicola Linsley 34-184 Tex.

Adetus Lec. 52-161²⁸
* (*Sicyobius* Horn 80-137)⁶
vanduzei Linsley 34-62 L.Cal.
brousi Horn 80-137 Tex.

CHRYSOMELIDÆ

Aulacoscelis
ventralis Schffr. 33-297 Ariz.
femorata of Schffr.¹

Donacia
subtilis
s.magistrigata Mead 38-113 Cal.
idola Hatch 38-110 Wash.
distincta
s occidentalis Mead 38-114 Cal.
germari Mannh. 43-306 Ore.
flavipennis Mannh. 43-306²
emarginata Kby. 37-224 N.A.
pacificæ Schffr. 25-135²

Crioceris
duodecimpuncta
v.dodecastigma Suffr. 41-40¹ Eur.
[N.A.]

Lema Fabr. 98-90³
* pensulæ Cr. 73-24 L.Cal.
marginempressa Schffr. 33-299 Ariz.
concolor Lec. 85-24 N.Mex.
texana Cr. 73-24 Tex.
arizonæ Schffr. 19-320 Ariz.
sayi Cr. 73-25 S.E.U.S.
cornuta Fabr. 01-475 S.E.U.S.
simulans Schffr. 33-300 Kans.
coloradensis Linell 98-475 Colo.
gaspensis Brown 38-35 Que.
palustris Blatch. 13-22 E.U.S.
v.floridana Schffr. 33-300³ Fla.

²⁶ Knull—37.

²⁷ Belongs in Ataxiini near *Aporataxia*, Linsley—34.

²⁸ Belongs in Adetini (to follow Ataxiini), Linsley—34.

¹ Schæffer—33.

² Mead—38.

³ Revision of genus, Schæffer—33.

⁴ Linsley—35.

⁶ Linsley—34.

²⁴ Belongs in tribe Acanthoderini near *Alphus*, Linsley—35.

²⁵ Revision of tribe. Linsley—35.

- brunnicollis Lac. 45-391 Fla.
 maculicollis Lac. 45-392 S.E.U.S.
 collaris Say 24-430 Kan.-Ind. Fla.
 longipennis Linell 98-474 Colo. Neb. Ill.
 conjuncta Lac. 45-408 Fla.
 v.circumvittata Clark 66-41³ Fla.
 solani Fabr. 98-93 S.E.U.S.
 confusa Chev. 35-166 Fla.
 v.trabeata Lac. 45-409³ Fla. Ariz.
 v.omogera Horn 94-405³ L.Cal.
 balteata Lec. 85-24 Ariz.
 v.equestris Lac. 45-403³ Ariz.
 melanocephala Say 27-294 N.W.U.S.
 opulenta G. & H. 74-3258 Tex.
 flavida Horn 94-405 L.Cal.
 nigrovittata Guer. 29-262 N.M. Ariz.
 trilineata Oliv. 08-739 E.U.S.
 v.medionata Schffr. 33-303^{1 3} Fla.-N.C.
 v.trivittata Say 24-429^{1 3 4} W.St. N.Y.-
immaculicollis Chev. 35-112¹ [Ala.
trivirgata Lec. 59-22¹
nigrovittata of Schffr.¹
 v.californica Schffr. 33-301^{1 3} Cal.
nigrovittata Guer. 29-262 N.M.-
notativentris Schffr. 19-322¹ [C.A.
 æmula Horn 94-406 L.Cal.
 jacobina Linell 98-474 Tex.
 sexpunctata Oliv. 08-738 S.E.U.S.
 v.albini Lac. 45-492³ S.E.U.S.
 v.ehippium Lac. 45-483³ S.E.U.S.

(*Antipus* DeG., not North American)¹

- Anomæa** Lac. 48-130^{5 6}
 * mutabilis Lac. 48-137 Tex. Mex.
ruficauda Føersb. 21-261⁶
 nitidicollis Schffr. 19-322 Tex.
 crassicornis Schffr. 33-313 Fla.
 laticlavata Forst. 71-27 Atl.St.-S.D.-S.A.
 v.floridana Schffr. 33-315⁶ Fla.
 v.kansana Schffr. 33-314⁶ Kan.
 angustata Schffr. 33-316 Fla.
 högei Jacoby 88-66 Tex. Mex.
Gynandrophthalma Lac. 48-256⁶
 * militaris Lec. 58-83 Tex.
 arizonica Schffr. 19-323 Ariz.

- Coscinoptera**
 dominicana Fabr. 01-34 N.Eng.-Fla.-
 [Mex.
 v.franciscana Lec. 59-22¹ Tex. Ariz.
dorsalis Lec. 74-25¹ [Colo. Kan.

- Babia** Lac. 48-424⁶
 * quadriguttata Oliv. 91-37 E.U.S.-Neb.-
 [Tex.
 v.pulla Lac. 48-429⁶ Ariz. N.M.
 v.tenuis Schffr. 33-320⁶ Wyo.
 tetraspilota Lec. 58-83 Ariz. N.M.
 v.texana Schffr. 33-320 Tex.
 humeralis Fabr. 01-37 L.Cal. Mex.
 oregona Schffr. 33-321 Ore.

⁴ Also cited as a valid species, Schæffer—33.

⁵ Cited as valid genus, Schæffer—33. (*Titubæa* Lac. is listed as a possible synonym).

⁶ Revision of genus, Schæffer—33.

Fulcidacinae¹

(*Chlamydinæ*)¹

- Arthrochlamys** Ihering 05-642
 (*Chlamys*) || Knoch 01-122)¹

* * *

Monachus

- scaphidioides Suffr. 51-215⁷ Mex. Ariz.
 opacicollis Schffr. 33-321 Ariz.

Cryptocephalus

- notatus
 v.sellatus Schffr. 33-322 Tex.
 binominis
 v.rufibasis Schffr. 33-322 Fla.
 multesignatus Schffr. 33-322 Ariz.
 trizonatus Suffr., for Ariz. read Tex.¹
 egregius Schffr. 34-459 Tex. Ga.
 snowi Schffr. 34-461 Ariz.
 cowaniæ Schffr. 34-462 Ariz.
 duryi Schffr. 06-230¹ Ariz. Tex.
 cupressi Schffr. 33-324 La.
 texanus Schffr. 33-323 Tex.
 amatus Hald. 49-253
apicidens Fall 32-22⁷
 spurcus Lec. 58-84 Cal.
 s.vandykei White 37-112 Cal.
 cerinus White 37-111 Cal.
 s.nevadensis White 37-113 Nev.
 incertus Hald. 49-250 Ga. Conn.
calidus Suffr. 51-241⁸
 bispinus Suffr. 58-347 Fla.
 albicans Hald. 49-252⁸
 pumilus Hald. 49-249 Ga. Fla.
pseudolus Suffr. 58-373⁸
 simulans Schffr. 06-231 Ariz.
 v.conjungens Schffr. 34-460 Tex.
 v.eluticollis Schffr. 34-460 Ariz.
 luteolus Newm. 40-250
defectus Lec. 80-201⁸
sanfordi Blatch. 13-23⁸
sanfordensis Clav. 13-182⁸

Diachus

- luscus Suffr. 58-377⁹ Ga.

Bassareus

- formosus Melsh. 47-173
 v.egenus Suffr. 51-311⁸ Pa.
 v.confluentinus Schffr. 34-464⁸ Mass.-
 [Pa.
 mammifer Newm. 40-250
speciosus Schffr. 34-463 (in error)⁸
pretiosus Melsh. 47-174
 lituratus Fabr. 01-50
 v.geminatus Hald. 49-253⁹
vittatus Suffr. 51-296⁸

Nodonota

- basalis Jacoby 90-197 Mex. Ariz.
 arizonica Schffr. 06-238⁸

⁷ Fall—34.

⁸ Schæffer—34.

⁹ Transferred from *Cryptocephalus*, Schæffer—34.

Euphrytus

- snowi Schffr. 34-464 Ariz.
parvicollis Schffr. 34-465 Ariz.

Colaspis

- arizonensis Schffr. 34-466 Ariz.
nigrocyanea Cr. 73-45 Ariz.
 ? *dugesi* Lef. 85-32⁸
 ? *melancholica* Jac. 81-143⁸
viriditincta Schffr. 19-329⁸ Ariz.
viridiceps Schffr. 34-468 Ariz.
crinicornis Schffr. 34-469 Tex.
brunnea Fabr. 98-94
 v. *floridana* Schffr. 34-471⁹ Fla.
flavocostata Schffr. 34-470 Fla.
pini Barber 37-200¹⁰ La. Miss.
 s. *schotti* Barber 37-201¹⁰ N.J.
lata Schffr. 34-469 Neb.

Xanthonia

- pinicola Schffr. 34-471 Ariz.

Fidia

- viticida
 v. *texana* Schffr. 34-472 Tex.

Myochrous Er. 47-164¹¹

- * *magnus* Schffr. 04-228 Tex.
denticollis Say 23-448 Fla. Ind. Ill. Tex.
floridanus Schffr. 34-472 Fla.
movallus Johnson 31-148 S.D.
longulus Lec. 58-86 Cal. Ariz. Tex.
pauillus Schffr. 34-473 Mont. Neb.
squamosus Lec. 59-24

Glyptoscelis Lec. 59-81¹²

- * (*Eumolpus* Weber 01-28)¹²
illustris Cr. 73-35 Cal. Ore.
 s. *aridis* VanD. 38-194 Cal.
pubescens Fabr. 77-220 Ont.-Mass.-Ga.
 hirtus Gmel. 88-1703¹²
 hirtus Oliv. 08-906¹²
 pini Say 27-295¹²
barbata Say 26-296 Conn.-D.C.-Ind.
liebecki Blatch. 10-1137 Ind. Ill.
prospis Schffr. 05-169 Tex.
albida Lec. 59-81 Cal.
 s. *yosemite* Krauss 37-26 Cal.
 s. *diabolo* Krauss 37-26 Cal.
longior Lec. 78-462 B.C.-Ore.-Colo.
 albida of Horn 92-203¹²
sequoia Blais. 21-195 Cal.-Wash.-Nev.-
 [Ida. Ore.
 s. *vandykei* Krauss 37-28 Ore.
parvula Blais. 21-196 Cal.
squamulata Cr. 73-36 Cal. Ore. Ariz. Ut.
alternata Cr. 73-36 Cal.
cryptica Say 23-449 Mo. Dak. Kan.
 albicans Baly 65-334¹² [?Mex.

Colaspidea

- pallipes* Fall 33-230 Cal.
grata Fall 33-230 Cal.
pomonæ Fall 33-231 Cal.
violaceipennis Horn 92-229 Ariz. Mex.
 ? *purpureicollis* Jac. 81-109⁸

Labidomera

- suturella Chev. 44-301⁹ Mex. Tex.

Chrysolina Mots. 60-210

- * (*Chrysolina* of auth., not Linn.)¹³
subsulcata Mannh. 53-254 Alas. N.W.T.
blaisdelli VanD. 38-48 Alas. N.W.T.
vidua Rogers 56-36 B.C.-Ore.-Ida.
 subseriata Lec. 60-321¹³
flavomarginata Say 24-452 Cal.-Alb.-O.
hudsonica Brown 38-35 Alas.-Que.
auripennis Say 24-452 Ind.-Tex.-Ariz.-
 cribraria Rogers 56-36¹³ [Ut.
 inornata Rogers 56-36¹³
 s. *cyanea* Schffr. 34-479¹³ Ariz. Ut.
 [N.M.
basilaris Say 24-451¹³ Wyo. Colo. Neb.
 montevagans Lec. 78-463¹³
 montivagans VanD. 38-56
subopaca Rogers 56-36 N.Y.-Fla.-Ind.-
 opacipennis Cr. 75-50¹³ [Tex.
staphylea Linn. 58-370¹⁴ Eur. N.S.

Calligrapha

- lunata* Fabr. 87-69
 v. *latevittata* Achard 23-69⁸ Mass.
 lativittis Schffr. 34-478
 v. *mediorupta* Achard 23-69⁸
 medionota Schffr. 34-478
 v. *bowditchi* Achard 23-69⁸ Me. Mass.
 v. *hybrida* Say 23-449⁸ Colo. Neb. Man.
scalaris Lec. 24-173
 v. *floridana* Schffr. 34-476 Fla.
vicina Schffr. 34-476 N.Y.
verrucosa Suffr. 58-266⁸
multipunctata Say 23-451
 v. *bigbyana* Kby. 37-212⁸
 v. *suturella* Schffr. 34-478⁸ N.H.

Galerucella

- ribicola* Brown 38-37 Man.
quebecensis Brown 38-36 Ore.
stefanssoni Brown 38-36 N.W.T.

Erynephala Blake 36-425¹⁵

- * *puncticollis* Say 24-458¹⁵ Man.-Tex.-Ida.
 erosa Lec. 85-28
 morosa Lec. 57-70¹⁶ Cal.
maritima Lec. 65-218¹⁶ N.S.-Fla.-Tex.-
 [W.I.]

Monoxia

- beebei* Blake 37-89 Gulf of Cal.

⁸ Schaeffer—34.¹⁰ Described from paratypes of *flavocostata*, Schffr.; this whole group badly needs revision; *brunnea* Fabr. must be changed, Barber—37.¹¹ Revision of genus, Schaeffer—34.¹² Revision of genus, Krauss—37.¹³ Revision of genus, Van Dyke—38.¹⁴ Leng Catalog.¹⁵ Revision of genus, Blake—36.¹⁶ Transferred from *Monoxia*, Blake—36.

- Disonycha* Chev. 37-414 ¹⁷
- * *pennsylvanica* Ill. 07-146 Mass.-Fla.-
sexlineata Oliv. 08-642 ¹⁷ [Tex.-Ill.
pennsylvania Strum. 43-283 ¹⁷
parva Blatch. 22-16 ¹⁷
- conjugata* Fabr. 01-495 N.C.-Fla. Cuba
costipennis Duval 57-129 ¹⁷
floridana Jacoby 01-146 ¹⁷
- procera* Csy. 84-182 B.C.-H.B.T.-Ga.-Ut.
? *vicina* Kby. 37-217 ¹⁷
? *pallipes* Cr. 73-64 ¹⁷
pennsylvanica of Horn 89-202
[(part)] ¹⁷
nigriventris Schffr. 31-282 ¹⁷
- uniguttata* Say 24-88 Mass.-Fla.-La.-
? *vicina* Kby. 37-217 ¹⁷ [Man.
? *pallipes* Cr. 73-64 ¹⁷
pennsylvanica of Horn 89-202
[(part)] ¹⁷
- limbicollis* Lec. 57-67 Cal. Nev.
alternata Ill. 07-144 N.W.T.-N.S.-S.C.-
? *quinquevittata* Say 24-88 ¹⁷ [Cal.
punctigera || Schffr. 31-279 ¹⁷
- latiovittata* Hatch 32-108 B.C.-Cal. Wyo.
puncticollis || Lec. 57-67 ¹⁷
quinquevittata Horn 89-203 (part) ¹⁷
- schaefferi* Blake 33-24 Can. O.
pluriligata Lec. 58-27 Ill.-La.-Colo.
? *quinquevittata* Say 24-88 ¹⁷
v. *pura* Lec. 58-86 ¹⁷ Cal.-N.M. C.A.
capitata Jacoby 84-316 ¹⁷
quinquevittata of Jacoby 91-276 ¹⁷
- punctigera* Lec. 59-24 Ill.-N.M.-Alb.
? *quinquevittata* Say 24-88 ¹⁷
neglecta Schffr. 31-283 ¹⁷
punctipennis Schffr. 31-284 ¹⁷
- arizonæ* Csy. 84-52 Me.-S.C.-Ariz.-Man.
glabrata Jacoby 84-311
davisi Schffr. 24-141
v. *borealis* Blake 33-31 Ont. Mich.
tenuicornis Horn 89-208 Ariz. N.M.
caroliniana Fabr. 75-122 Mass.-Fla.-
? *s-vittata* Fabr. 92-47 ¹⁷ [Tex.-Ill.
? *vittata* Fabr. 01-491 ¹⁷
quinquevittata G. & H. 76-3497 ¹⁷
pulchra Csy. 84-51 ¹⁷
alternata || Horn 89-315 ¹⁷
- figurata* Jacoby 84-314 Nev. Ariz. C.A.
fumata Lec. 58-86 Tex. Mo. ?N.Y.
crenicollis of Horn 89-204 (part) ¹⁷
alternata Jacoby 84-311 (part) ¹⁷
horni Jacoby 84-311 (part) ¹⁷
v. *quinquerutata* Schffr. 19-336 ¹⁷ Cal.-
carolina Brisley 25-175 ¹⁷ [N.M. Ut.
v. *lodingi* Schffr. 19-337 ¹⁷ Ala.
latifrons Schffr. 19-336 Cal.-N.M.-Mont.
v. *laticollis* Schffr. 31-284 ¹⁷ N.S.-N.J.-
[Minn.
quinquevittata of Whiteh. 13-38 ¹⁷
discoidea Fabr. 92-25 Md.-Ga.-Tex.-
nigradorsis G. & H. 76-3497 ¹⁷ [Kan.
v. *abbreviata* Melsh. 47-163 ¹⁷ Pa.-Va.-
[Ill.
- leptolineata* Blatch. 17-143 Fla.
v. *texana* Schffr. 19-339 ¹⁷ Va.-Ariz.
[Kan.
- antennata* Jacoby 84-35 Fla. Mex.
albida Blatch. 24-169 ¹⁷
alabamæ Schffr. 19-337 Ala. Tex.
admirabilis Blatch. 24-90 Mass.-Va.-
[Tex.-Ind.
- glabrata* Fabr. 81-156 N.Y.-Fla.-Ill.-S.A.
tomentosa of Fabr. 75-122 ¹⁷ [W.I.
vittata Oliv. 89-105 ¹⁷
alternata of Latr. 33-39 ¹⁷
horticola Dej. 37-414 ¹⁷
albicollis Sturm. 43-283 ¹⁷
- maritima* Mannh. 43-311 Cal. Nev.
collata Fabr. 01-463 Me.-Fla.-Ill.-C.A.
collaris Cr. 73-64 ¹⁷
mellicollis of Horn 89-211 ¹⁷
semicarbonata Lec. 59-25 N.M. Colo.
mellicollis Horn 89-211 (part) ¹⁷
xanthomelas Dalman 23-79 N.W.T.-
collaris of Ill. 07-126 ¹⁷ [Mass.-Va.-
xanthomelena G.&H. 76-3497 ¹⁷ [La.
merdivora Melsh. 53-122 ¹⁷
v. *cervicalis* Lec. 59-25 ¹⁷ Kans. Ga.
v. *atrella* Blake 33-57 Mass. Va. Ala.
triangularis Say 24-84 B.C.-Mass.-Va.-
puncticollis Kby. 37-218 ¹⁷ [Tex.
v. *montanensis* Blake 33-59 Mont.
politula Horn 89-211 Kan.-N.M.-Guat.
varicornis Horn 89-210 Tex. Cal. L.Cal.
funerea Rand. 38-47 Mass. Ct. Ga. Ala.
brevicornis Schffr. 31-281 Colo.
stenosticha Schffr. 31-285 Tex.
quinquevittata Fabr. 77-118 ¹⁸ Carol.
s-vittata Fabr. 92-47
mellicollis Say 31-10 ¹⁸ La. Mo.
vicina Kby. 37-217 ¹⁸ Can.
pallipes Cr. 73-64 ¹⁸
quinquevittata Say 24-85 ¹⁸ Mo.
- Altica** ¹⁹
- bimarginata* Say 24-85 ²⁰
plicipennis Mannh. 43-310 Alas.-Cal.-
[Tex.-Man.
subplicata Lec. 59-25 Can.-La.-N.M.-
[Minn.
prasina Lec. 57-67 B.C.-Cal.-Ut.
ambiens Lec. 59-25 B.C.-Cal.-N.M.-Wyo.
v. *alni* Harris 69-268 ¹⁹ Me.-Minn.
v. *latiplicata* Blake 36-21 Ore. Cal.
[Ariz. Nev.
guatemalensis Jacoby 84-297 Ariz. C.A.
napensis Blake 36-23 Cal.
caurina Blake 36-24 Alb. Wash.
* * *
- woodsii* Isely 20-11 ²¹
nancyæ Stirrett 33-208 Iowa
populi Brown 38-37 Ont. Mann.

¹⁸ Unrecognized species, Blake—33.¹⁹ Revision of part of genus, Blake—36.²⁰ Unrecognized species, Blake—36.²¹ Dietrich in litt.¹⁷ Revision of genus, Blake—36.

Orestioides Hatch 35-276²²
 * *robusta* Lec. 74-274²³ N.H. Que. Wash.

Systema

elongata Fabr. 98-99 N.Y.-Fla.-Cal.
subœna Lec. 57-68²⁴ [Man.
dimorpha Blake 33-181 Cal.-N.M.-Kan.-
 [Mont.

* * *

tœniata Say 24-294²⁴
blanda Melsh. 47-164²⁴ N.Y.-Ga.-N.M.-
 [Ida.
 Cal.

s.ligata Lec. 57-68²⁴
ochracea Lec. 58-87²⁴
mitis Lec. 58-87²⁴ Cal.-Tex.-Colo.
bitœniata Lec. 59-26²⁴ Cal.-N.M.-Alb.-
 [Dak.
 (*pallidula* Boh., not North American)²⁴
lœvis Blake 35-100 Cal.-Colo. Ariz.
californica Blake 35-101²⁴ Cal.
carri Blake 35-102²⁴ Alb.

* * *

gracilentata Blake 33-180 Tex. Mex.

Psylliodes

credens Fall 33-233 Cal.
verisimilis Fall 33-232 N.Mex.

Anisostena

arizonica Schffr. 33-103 Ariz.
texana Schffr. 33-103 Tex.
kansana Schffr. 33-104 Kans.

Anoplitis

ancoroides Schffr. 33-105 N.J.

Chalepus Thunb. 05-282

* *bicolor* Oliv. 92-96²⁵ Tex. E.St.
walshi Cr. 73-81²⁵ Ill.-Colo.-Ark.-Ariz.

Xenocephalus Weise 10-136²⁶

HEMICHALEPUS Spæth 37-147²⁶
arizonicus Uhm. 38-425 Ariz. Mex.
crotchii Weise 10-144²⁶

Brachycoryna

lateralis Schffr. 33-105 Colo.

Stenopodius Horn 83-301²⁷

* *flavidus* Horn 83-301²⁷ Cal.
submaculatus Blais. 39-433 Cal.
v.laticollis Blais. 39-434 Cal.
v.pallidulus Blais. 39-435 Cal.
inyoensis Blais. 39-435 Cal.
v.pallidus Blais. 39-437 Cal.
martini Blais. 39-437 Tex.
texanus Schffr. 33-106²⁷ Tex.
vanduzeei Blais. 39-440 Cal.
insularis Blais. 39-442 Gulf of Cal. Is.

²² Belongs in *Halticina* near *Crepidodera* and *Orestia*, Hatch—35.

²³ Transferred from *Crepidodera*, Hatch—35.

²⁴ Revision of part of genus, Blake—35.

²⁵ Uhmann—36.

²⁶ Uhmann—38.

²⁷ Revision of genus, Blaisdell—39.

Pentispa

suturalis Baly 85-51 Mex. Ariz.
 (*v.vittula* Weise, not No. American)¹

Microrhopala

arizonica Schffr. 06-253²⁸

Chelymorpha

phytophagica Cr. 73-77 Ariz.
v.luteata Schffr. 33-108 Ariz.

Cassida

(*nebulosa* Linn., not North American)¹
flaveola Thunb. 94-103¹ Eur. Pa. Md.
 [N.Y.]

Chirida

barberi Spæth 36-140 Fla.

Psalidonota Boh. 55-81

* *texana* Schffr. 33-108 Tex.
leprosa of Horn¹

Erepocassis Spæth 36-260

* *rubella* Boh. 62-449 Ala. Ga.
marginepunctata Schffr. 25-236²⁹
marginepuncta Spæth 36-260

Strongylaspis Spæth 36-216³⁰

* *bisignata* Boh. 55-119²⁹ Kans. O. Tex.

BRUCHIDÆ

(*Mylabridæ*, *Acanthoscelidæ*)

Bruchus

tenuis Bott. 35-127 Fla.-Tex.-Mich.
brachialis Fahr. 39-79³¹ O.-N.J.-Ga.

BRENTIDÆ**Arrhenodes**

minutus Drury 70-95¹ E.N.A.

PLATYSTOMIDÆ

(*Anthrividæ*)²

Gonioctœous Jord. 04-260

* (*Tropideres* of authors)³
bimaculatus Oliv. 95-14³ E.St.
rectus Lec. 76-395 E.St.

Brachytarsoides Pierce 30-29

irregularis Tanner 34-285 Utah

¹ Schæffer—33.

²⁸ Probably valid species, Schæffer—33.

²⁹ Spæth—36.

³⁰ To follow *Metriona*, Spæth—36.

³¹ Bridwell & Bottimer—33; Bottimer—36 and 37.

¹ Transferred from *Eupsalis* (or *Platysystrophus*) by Buchanan—39.

² This name used by Zimmerman—36 and Wolfrum—38.

³ Transferred from *Tropideres* by Wolfrum—38.

CURCULIONIDÆ

*(Auletes Schönh., not North American)*⁴

- Auletobius** Desbr. 68-396^{4 5}
 (*Metopon* Waterh. 42-lxii)⁴
 (*Involvulus* Schrank 98-476)⁴
 (*Auletes* of authors)⁴
AULETOBIUS (s.str.)⁴
 congruus Walk. 66-331^{4 5} Ida-Neb.-Colo.
subcœruleus Lec. 76-4⁵
MESAULETES Voss 33-116⁵
 nasalis Lec. 76-412^{4 5} Cal.
 humeralis Boh. 59-117^{4 5} Cal.
rufipennis Pierce 09-327⁵
 albovestita Bl. & Leng 16-54^{4 5} N.A.
ALLETINUS Desbr. 08-79^{4 5}
 (*Nemonus* Desbr. 08-13)⁵
 ater Lec. 76-4⁴ Mass.-Tex.-Ont.
- * * *
- ?cassandræ Lec. 76-5⁶ N.A.
 ?laticollis Csy. 83-233⁶ Cal.
 ?blatchleyi Voss 35-240⁶ Fla.
minor Blatch. 22-98⁶
 ?viridis Pierce 09-327⁶ Cal.

Deporaus Leach 19-201

- * (*Platyrhynchus* Thunb. 15-123)⁷
HYPODEPORANUS Voss [23-388⁷
 glastinus Lec. 57-52⁷ Colo. Ariz. Cal.
 [Wash.

Rhynchites Schneid. 91-82⁷

- HAPLORHYNCHITES**⁷
 eximius Lec. 76-413⁷ Colo. Ariz.
 æneus Boh. 29-22⁷ Can. Fla. Ore.
INVOLVULUS Schrank 98-475⁷
 hirtus Fabr. 01-421⁷ Mass. Fla. Mich.
 consobrinus Voss 38-159⁷ N.A.
RHYNCHITES (s.str.)⁷
 velatus Lec. 80-216⁷ Cal.

Corigetus Desbr. 73-662

- castaneus Rœlofs 73-168⁸ Asia, N.Y.

Brachyrhininæ*(Otiorrhynchinæ)***Trichalophus**⁹

- seminudus VanD. 38-7 Colo.

Plinthodes⁹**Triglyphulus** Kll. 06-243⁹

- * ater Lec. 76-117 Cal.
 nevadensis VanD. 38-8 Nev.

⁴ Voss—33.⁵ Revision of genus, Voss—34.⁶ Doubtful species, Voss—35.⁷ Voss—38.⁸ Davis—35.⁹ Transferred from Alophini. Wilcox & Davis—35.**Acmægenius**⁹

* * *

Sapotes

- longipilis VanD. 34-175 Ariz.

Eupagoderes

- huachuca VanD. 34-180 Ariz.
 halli VanD. 34-181 Ariz.
 simulans VanD. 34-176 Tex.
 decipiens Lec. 53-445
dunniamus Csy. 88-240¹⁰
 ocellatus VanD. 34-177 Colo. Ut.
 setosus VanD. 34-179 Ariz.

Cimbocera Horn 76-55¹¹

- * cinerea VanD. 35-1¹¹ Colo.
 cazieri VanD. 36-73
 pauper Horn 76-56¹¹ Dak. Wyo. Mont.
 conspersa Fall 07-261¹¹ Mont.-N.M.-
sericea Pierce 13-379^{11 12} [Ariz.
 robusta VanD. 35-2¹¹ Cal.

Paracimbocera VanD. 38-1

- * atra VanD. 38-2 Nev.

Miloderoides VanD. 36-74

- * maculatus VanD. 36-76 Ida.
 argenteus VanD. 35-4¹³ Colo.
Lepidopus VanD. 36-76
 * nevadicus VanD. 36-77 Nev.
 parvulus VanD. 36-73 Ida.

Dichoxenus

- setosus Blatch. 16-103¹⁴ Ind. Mo.

Pseudorimus VanD. 34-182

- * granicollis VanD. 34-183 Ariz.
gravicollis VanD. 34-185
 orbicollis VanD. 34-184 N.Mex.

Crocidema VanD. 34-185

- * californica VanD. 34-187 Cal.
 nigrior VanD. 34-188 Ariz.
 planifrons VanD. 34-189 Ariz.
 attenuata VanD. 34-190 Utah
 albovestita VanD. 34-190 Ariz.

Melanolemma VanD. 35-5

- montana VanD. 35-5 Colo.

Peritaxia Horn 76-46

- (*Parataxia* VanD. 36-79)
 uniformis VanD. 36-79 Ariz. Colo.
 brevipilis VanD. 35-6 Ariz.

¹⁰ Van Dyke—34.¹¹ Revision of genus, Van Dyke—35.¹² Listed as variety by Van Dyke in 1934.¹³ Described in *Miloderes*, Van Dyke—35.¹⁴ Transferred from *Anametis*, Van Dyke—34.

- Dyslobus** Lec. 69-380
 * (*Amnesia* Horn 76-48)¹⁶
 (*Thricomigus* Horn 76-48)¹⁶
 (*Melamorphus* Horn 76-40)^{10 16}
segnis Lec. 57-56 Cal. Ore.
lecontei Csy. 95-811 Cal-Wash.
simplex VanD. 33-37 Ore-Wash.
verrucifer Csy. 95-812 Ida-B.C.
bituberculatus Pierce 13-388¹⁵
denticulatus Pierce 13-388 Cal.
alepidotus Ting 37-79 Cal.
granicolis Lec. 69-380 B.C.-Cal.
sculptilis Csy. 88-250¹⁵ Cal.
discors Csy. 95-814¹⁵ Cal.
debilis Csy. 95-815¹⁵ Cal.
s.tumidus Csy. 95-813¹⁵ Cal.
s.vestitus VanD. 33-39 Ore.
viridescens VanD. 33-33 Ore.
squamipunctatus Pierce 09-350 Cal.
wilcoxi VanD. 33-40 Ore.
decoratus Lec. 69-381 Cal-B.C.
ursinus Horn 76-51 Ore.
raucus Horn 76-51 Cal. Vanc.
ciliatus Pierce 13-385¹⁵
tanneri VanD. 33-42 Utah
wasatchensis Tanner 38-147 Utah
argillous VanD. 35-7 Utah
remotus VanD. 38-3 Ore.
blaisdelli VanD. 33-42 Cal.
bakeri VanD. 33-43 Cal.-Wash.
luteus Horn 76-48 Colo. Mont. Wash.
granulatus Csy. 88-248 Cal. Ore.
deciduus Horn 76-52 Cal.
sordidus Horn 76-52 Cal.
elongatus Horn 76-53¹⁵
alternatus Horn 76-52 Mont. Alb.
 [Wash. Cal.
tessellatus Csy. 88-249 Cal.
franciscanus VanD. 33-45 Cal.
nigrescens Pierce 13-384 Wash.
niger Horn 76-40 Nev.
dolorosus VanD. 33-46 Cal.
- Adaleres**
flandersi VanD. 35-8 Cal.
- Panscopus** Schönh. 42-266¹⁷
 PANS COPUS (s.str.)
alternatus Schffr. 08-214 N.C.Ga.W.Va.
erlnaceus Say 31-12 N.H.-Va.-Wis.
carinatus Pierce 13-398¹⁷
impressus Pierce 13-395 S.E.St.
s.thoracicus Buch. 36-4 N.C.
alternatus Pierce 13-394¹⁷
 PARAPANSCOPUS Buch. 36-
 [5¹⁷
maculosus Blatch. 16-105 N.Y.-Ky.-Ia.
ovatipennis Buch. 36-6 Ont.
s.verrucosus Buch. 36-7 Pa.
 PHYMATINUS Lec. 69-382¹⁷
gemmatus Lec. 57-56 Cal.-Wash.
- NOCHELES Lec. 74-453¹⁷
 (*Panscopideus* Pierce 13-
 [394]¹⁷
torpidus Lec. 57-55 Wash. Ore.
squamosus Pierce 13-394 Ore.
v.dentipes Pierce 13-395¹⁷ Wash.
micelbacheri Ting 38-121 Cal.
 DOLICHONOTUS Buch. 36-9¹⁷
convergens Buch. 36-10 Ore.
oregonensis Buch. 36-11 Ore.
 PSEUDOPANSCOPUS Buch.
 [27-33¹⁷
costatus Buch. 27-33 B.C. Wash.
 NEOPANSCOPUS Pierce 13-
 [397¹⁷
æqualis Horn 76-55 Kan.-Alb.-B.C.-Cal.
cinereus Horn 76-55¹⁷
vestitus Csy. 88-251¹⁷
squamifrons Pierce 13-397 Cal.
wickhami Buch. 36-13 Cal.
 NOMIDUS Csy. 95-818¹⁷
johnsoni VanD. 35-9 Wash.
bufo Buch. 27-31 Cal.
abruptus Csy. 95-819 Cal. Wash.
rugicollis Buch. 27-31 Wash. Ore.
schwarzi Buch. 27-30 Ut. Ida.
longus Buch. 36-16 Wash.
pallidus Buch. 27-31 B.C. Wash. Mont.
tricarinatus Buch. 27-32 Ore.
bakeri Buch. 36-17 Wash.
ovalis Pierce 13-396 Alb.
 * * *
coloradensis VanD. 36-80 Colo.
- Tanymecus**
texanus VanD. 35-86 Tex.
- HORMORINI**¹⁸
- Hormorus**¹⁸
Agasphærops Horn 76-24¹⁸
 * *nigra* Horn 76-25 Cal.
sulcirostris Pierce¹⁹
- Lupinocolus** VanD. 36-81¹⁸
 * *blaisdelli* VanD. 36-82 Cal. Nev.
 * * *
- Mitostylus**
elongatus VanD. 36-83 Tex.
- Epicærus** Schönh. 34-323
 * (*Melbonus* Csy. 95-820)¹⁰
scapalis Csy. 95-821¹⁰ Ariz.
denticulatus Pierce 09-350¹⁰
uniformis Tanner 34-287 Utah

¹⁰ Van Dyke—34.¹² Revision of genus, Van Dyke—33.¹⁴ Used also as subgenera, Van Dyke—33.¹⁷ Revision of genus, Buchanan—36.¹⁸ Revision of new tribe in Brachyrhininæ, Van Dyke—36.¹⁹ Transferred from *Panscopus* (*Phymatinus*), Buchanan—36.

- Mimetes** Schönh. 47-23¹¹
 * (*Amotus* Csy. 88-237)^{10 11}
 (*Stamoderes* Csy. 88-237)^{10 11}
- setulosus Schönh. 63-40 Cal.
gracilior Csy. 88-245¹¹
longisternus Csy. 88-244¹¹
- uniformis Csy. 88-237 Cal.
 longipennis Pierce 09-348 Cal.
 seniculus Horn 76-45 Cal.
 lanei VanD. 35-86 Wash. Ore.
 lasalanus Tanner 34-287 Utah
- Pantomorus** Schönh. 39-942²⁰
GRAPHOGNATHUS Buch. 39-
 [11]²⁰
- leucoloma Boh. 40-62²¹ S.A. Australia,
 [Fla.-La.]
- peregrinus Buch. 39-14 Miss.
ATRICHONOTUS Buch. 39-15²⁰
- tæniatulus Berg 81-61 Fla.-Tex. S.A.
texasus Pierce 11-49 (Artipus)²⁰
ASYNONYCHUS Cr. 67-388²⁰
 (*Aramigus* Horn 76-93)²⁰
 (*Aomopactus* Jekel in Horn
 [76-94])²⁰
- godmani Cr. 67-389 N.A. S.A. C.A.
fulleri Horn 76-94²⁰ [Africa, Orient,
olindæ Perkins 00-130²⁰ [Eur.
ovulum Jekel, Hust. 22-100²⁰
 ?*subvittatus* Fairm. & Germ. 61-7²⁰
- tessellatus Say 24-318 Ill.-Okla. Kan.
sublineatus Dej. 37-289²⁰
 ?*durius* Boh. 40-27²⁰
 ?*candida* Horn 07-248²⁰
- pallidus Horn 76-94 Ill.-Tex.-Colo.
 ?*durius* Boh. 40-27²⁰
 ?*candida* Horn 07-248²⁰
- PHACEPHOLIS** Horn 76-95²⁰
- elegans Horn 76-95
 v.elegans (s.str.) Neb.-Tex.-Cal.
metallicus Pierce 13-417²⁰
- v.viridis Pierce 09-361²⁰ Tex. Mex.
 v.pallidulus VanEmd. 36-28²⁰ Tex.
pallidus || Pierce 10-363^{20 22}
- v.eximius Buch. 39-32²⁰ Tex.
- texanellus Buch. 39-36 Tex.
texasus || Pierce 13-417²⁰
- candidus Horn 76-97 Kan.-S.D.-Mont.-
nebraskensis Pierce 13-416²⁰ [Colo.]
- planitiatulus Buch. 39-36 Neb.-N.M.-Mont.
 obscurus Horn 76-96 Kan.-Tex.
- Mesagroicus**
- elongellus VanEmd. 36-30 Ore.
elongatus Buch. 29-10²²
 v.nevadicus Buch. 29-11²² Nev.
 v.incertus Buch. 29-11²² Wash.
- Cryptolepidus** VanD. 36-191²³
 (*Lepidopus* VanD. 36-76)
- Trigonoscuta**²⁴
 imbricata VanD. 36-83 Cal.
- Thysanocorynus** VanD. 38-5²⁴
 aridus VanD. 38-6 Cal.
- Stereogaster** VanD. 36-84²⁵
 globosa VanD. 36-85 Cal.
- Otiorrhynchus**
 arcticus Fabr. 80-188²⁶ Greenl. Lapl.
- Sciopithes** Horn 76-62²⁷
- * obscurus Horn 76-63 B.C.-Cal.
significans Csy. 88-255²⁷
brumalis Csy. 88-256²⁷
angustulus Csy. 88-257²⁷
- arcuatus Csy. 88-257 Cal.
 intermedius VanD. 35-90 Cal.
 insularis VanD. 35-90 Cal.
 sordidus VanD. 35-91 Cal.
 setosus Csy. 88-258 Cal.
- Mylocerus** Schönh. 26-178²⁸
 castaneus Røelofs 73-168²⁹ Jap. Sib.
 [?N.A.]
- Trachyphlæus**
 bifoveolatus Beck 17-22³⁰ Eur. N.S.
 [N.B. N.Y.]
davisi of authors (not Blatch.)³⁰
- Paraptochus** Seidl. 68-35¹¹
 * sellatus Boh. 59-126 Cal.
 setiferus VanD. 35-93 Cal.
 uniformis VanD. 35-95 Cal.
- Stenoptochus**
 vanduzeei VanD. 35-95 Cal.
- Omius**
 albus VanD. 35-96 Wash.
- Anchitelus** VanD. 36-19³¹
 albovidis VanD. 36-19 Cal.
- Peritelinus** Csy. 88-263
 * erinaceus VanD. 36-20 Cal.
 variegatus Csy. 88-263 Cal.
 oregonus VanD. 36-21 Ore.

¹⁰ Van Dyke—34.¹¹ Revision of genus, Van Dyke—35.²⁰ Revision of genus, Buchanan—39.²¹ First reported in genus *Naupactus*, Watson—37, etc.²² Von Dalla Torre & Van Emden—36.²³ Subfamily Brachyrhininae, Van Dyke—36.²⁴ Tribe Trigonoscutini, Van Dyke—36.²⁵ Tribe Calyptillini, Van Dyke—36.²⁶ Henriksen—35.²⁷ Revision of genus, Van Dyke—35.²⁸ To follow *Neoptochus*.²⁹ Authority not known.³⁰ Buchanan—37.³¹ To follow *Periteloides* in tribe Simoini, Van Dyke—36.

- Nemocestes** VanD. 36-22³¹
 * (*Geoderces* Horn 76-70)³²
 horni VanD. 36-25 Mich. Kan. N.Y.
melanothrix of Horn 76-71³²
 incomptus Horn 76-72 B.C.-Cal. Wyo.
 longulus VanD. 36-26 Cal.
 sordidus VanD. 36-26 Cal.
 montanus VanD. 36-27 Cal.-Wash.
 puncticolis Csy. 88-264 Cal.
 tuberculatus VanD. 36-28 Cal.
 kœbelei VanD. 36-183 Cal.
kœbeli VanD. 36-29
 expansus VanD. 38-4 Cal.
- Aragnomus**
 setosus VanD. 36-30 Cal.
- Eucyllus** Horn 76-74³³
 * (*Encyllus* VanD. 36-31)³³
 vagans Horn 76-74 Ariz. Cal.
 echinus VanD. 36-31 Cal.
 unicolor VanD. 36-32 Cal.
- Sitona**
 cylindricollis Fahr. 40-269^{34 35} Eur.
 [Vt. Ont.
 lineatus Linn. 58-385³⁶ Eur. B.C.
 cockerelli Blais. 38-31 [Alas.
 [SanMiguel Id. L.Cal.]
- Lepidophorus** Kby. 37-201¹⁷
 * (*Lophalophus* Lec. 76-120)¹⁷
 inquinatus Mannh. 52-351 Alaska
 rainieri VanD. 30-149 Wash.
 angulatus Buch. 36-4 Ida. Wash.
 plumosus Buch. 36-6 Colo.
 lineaticollis Kby. 37-201 Y.T. Can. Alas.
 pumilus Buch. 36-7 B.C.
 bakeri Buch. 36-8 Wash.
 s.utensis Buch. 36-10 Utah
 alternatus VanD. 30-150 Wash. Ore.
 setiger Hamilt. 95-347 N.Y.-Va. St.Vinc.
- Lepyrus**³⁷
 labradorensis Blair 33-96 Arctic N.A.
colon of Harring.³⁸
 nordenskiöldi Faust. 85-34
 s.cæsius Csiki 34-7
cinereus || VanD. 28-55³⁹
- Listroderes**
 obliquus Klug 29-? S.A. Miss. Cal.
obliquus Gyll. 34-277^{30 40} [Afr.
novica French 08-? ^{30 40} [Australia
costirostris of authors³⁰
- Hylobius** Germ. 17-340⁴¹
 * congener DallaT., Sch. & Marsh. 32-
 [15 Mass.-Alas.
confusus || Kby. 37-196⁴¹
 pales Hbst. 97-31 Can.-Fla.-Tex.-Minn.
 radialis Buch. 34-252 N.Y. Minn.
- Cholus** Germ. 24-212⁴²
 * catoleucus Chev. 81-482 N.A.
 cattleyæ Champ. 16-201 S.A. Wis. D.C.
cattleyarum Barber 17-178⁴² [N.J.
 forbesi Pasc. 76-xxx S.A. N.J.
- Smicronyx**
 dietzi Klima 34-95 N.J. D.C. Ind.
nebulosus || Dietz 94-157⁴³
 fallaciosus Klima 34-95 Tex. Kan.
fallax || Dietz 94-157⁴³
 albidosquamosus Klima 34-94 Ariz.
albosquamosus || Dietz 94-168⁴³
- Sthereus** Mots. 45-374¹⁷
 * (*Trachodes* of authors, not Grm.)¹⁷
 ptinoides Germ. 24-327 B.C.-Alas.
 quadrituberculatus Mots. 52-355 Cal.-
 [Alas.
 multituberculatus Buch. 36-179 Ore.-
 [Alas.]
- Lobosoma** Buch. 36-180¹⁷
 * (*Aparapion* of authors)¹⁷
 horridum Mannh. 52-354 Ore.-Alas.
- Gastrotaphrus** Buch. 36-180⁴⁴
 * barberi Buch. 36-181 Cal.-B.C.
- Thysanocnemis**
 caseyi Klima 34-3 Nebr.
brevis || Csy. 10-129⁴³
- Magdalis**
 piceæ Buch. 34-85 Mass. N.H.
- Anthonorus**
 blatchleyi Schenk. & Marsh. 34-40 Fla.
australis || Blatch. 25-98⁴⁵
 17207, for 43-232 read 33-232⁴⁶
 univestus Schenk. & Marsh. 34-51 Fla.
uniformis || Blatch. 16-300⁴⁵
- Epimechus**
 arenicolor Fall 01-265 Ariz.
baccharidis Pierce 08-178 (Anthono-
 [mus])⁴⁷
- Rhynchænus** Clair.-Sch. 98-70
 (*Orchestes* Ill. 98-498)⁴⁸
- ³¹ Revision of genus, Buchanan—36.
³² Buchanan—37.
³³ Revision of genus, Van Dyke—36.
³⁴ Revision of genus, Van Dyke—36.
³⁵ Buchanan in litt.
³⁶ Cæsar—36.
³⁷ Downes—38.
³⁸ Belongs in Cleoninae according to Marshall—32
 (p. 344).
³⁹ Brown—37.
⁴⁰ Csiki—34.
⁴¹ Placed as synonyms of *costirostris* by Essig—33.
⁴² Revision of genus, Buchanan—36.
⁴³ Revision of genus, Buchanan—34.
⁴⁴ Revision of genus, Klima—36.
⁴⁵ Klima—34.
⁴⁶ To follow *Lobosoma* in Trachodini, Buchanan
 —36.
⁴⁷ Schenkling & Marshall—34.
⁴⁸ Chamberlin in litt.
⁴⁹ Fall—34.
⁵⁰ Buchanan—39.

- Gymnætron** Schönh. 26-319⁴⁹
 * antirrhini Payk. 00-257 Mass.-N.J.
 netum Germ. 21-307 Conn.-Va.-Ia.
 teter Fabr. 01-448 Can.-Ga.-Tex.-Wash.
- Cleonus** Schönh. 26-145
 DINOCLEUS Csy. 91-176
 capillosus Csiki 34-66 Cal.
pilosus || Lec. 76-145⁵⁰
 structor Csiki 34-67 Cal. Ariz.
molitor || Lec. 58-78⁵⁰
 CLEONIDIUS Csy. 91-176
 (*Apleurus* Chev. 73-78. part⁵⁰)
 americanus Csiki 34-64 Cal.
basalis || Fall 97-242⁵⁰
 placidus Csiki 34-65 Cal.
pacificus Fall 01-260⁵⁰
 coloradensis Csiki 34-64 Colo.
canescens || Lec. 76-151⁵⁰
 leontellus Csiki 34-64
carinicolis || Lec. 76-152⁵⁰
 stratus Csiki 34-65 Colo.
sparsus || Lec. 76-152⁵⁰
- Lixus**
 blatchleyi Csiki 34-120 Mich.
cavicollis || Blatch. 22-113⁵⁰
- Baris**
 caseyi Hust. 38-51 Colo. Tex. La.
vagans || Csy. 20-318⁵¹
 blatchleyi Hust. 38-51 Fla.
australis || Blatch. 20-168⁵¹
 lengi Hust. 38-54 Ont.
carbonaria || Bl. & Leng 16-356⁵¹
- Cosmobaris** Csy. 20-344⁵²
 * scolopacea Germ. 24-202^{52 53} R.I.-Ia.
americana Csy. 20-344^{53 54} [Eur.
squamiger Hayes 36-27^{53 54}
sionilli Hayes 36-28^{53 54}
- Orchidophilus** Buch. 35-45⁵⁵
 * (*Acythopæus* of authors)⁵⁵
 peregrinator Buch. 35-46 Hawaii, P.I.
 [D.C.
 gilvonotatus Barber 17-17 Orient, D.C.
 [Cal.
 orchivora Blackb. 00-61 N.J.
- Acanthoscelis**
 utahensis Tanner 34-48 Utah
- Ceutorhynchus**
 assimilis Payk. 00-257⁵⁶ Eur. Wash.
 punctiger Gyll. 37-538 Eur. Que.-N.J.-
marginatus of authors⁵⁰ [Ind.
 americanus Buch. 37-205 Que.-Md.-
cyanipennis of authors⁵⁰ [Tex.-B.C.
- Perigaster**
 lituratus Dietz 96-457 Ont.- N.J.-Ia.
longirostris Buch. 31-323⁵⁰ [Wash.
- Phytobius** Schönh. 36-458⁴⁹
 * (*Pelonomus* Thoms. 59-138)⁴⁹
 17827 to 17834, belong here
 (*Eubrychius* Thoms., not *No. Amer.*)⁵⁰
- Litodaetylus** Redt. 49-399
 * griseomicans Schw. 91-165⁴⁹ Wis.-Kan.-
 [Wash.
- Eubrychiopsis** Dietz 96-474⁴⁹
 * lecontei Dietz 96-475 Mich. Wis. Ia.
 albertanus Brown 32-11 B.C.-Alb.
- Collabismodes** Champ. 05-541⁵⁵
 * cubæ Boh. 44-342⁵⁵ Cuba, Fla.
 ater Blatch. 28-238⁵⁷ Fla.
- Conotrachelus** Schönh. 37-392
 (*Loceptes* Csy. 10-130)⁵⁰
 recessus Csy. 10-130 Kan. Okla. Ark.
atokanus Fall 13-65⁵⁰ [Tex.
- Eusepeus**
 postfasciatus Fairm. 49-513 (Crypto-
 [rhynchus)⁴⁸ Cal. Tropics
batatæ Waterh. 49-LXIX⁴⁸
- Sternochetus** Pierce 17-143
 (*Cryptorhynchidius* Pierce 19-25)⁴⁸
 mangiferæ Fabr. 75-139 (Cryptorhyn-
 [chus)⁴⁸ E. Ind. Fla.
 lapathi Linn. 46-591 (Cryptorhynchus)⁴⁸
 [Eur. N.A.
- Cossonus**⁵⁵
 americanus Buch. 36-112 Que.-Cal.-
 [Wash.
subareatus of authors (part)⁵⁷
 pacificus VanD. 16-74 Ariz.-Cal.-
 [B.C. Que.
 rufipennis Buch. 36-114 Kans. Dak. Mo.
subareatus of authors (part)⁵⁷
- Sitophilus** Schönh. 38-979
 (*Calandra* of authors)⁵⁹
 (*Calendra* of authors)⁵⁹
 dietrichi Satt. 33-210 Miss. Ala.
 lucedalensis Satt. 33-212 Miss.

PLATYPODIDÆ

- Platypus**
 blanchardi Chap. 66-185⁶⁰ Fla.
 18168, for 15-48 read 16-97⁶⁶

⁴⁹ Revision of genus, Buchanan—37.

⁵⁰ Csiki—34.

⁵¹ Hustache—38.

⁵² Revision of genus, Hayes—36.

⁵³ Fall—37.

⁵⁴ Listed as valid species by Hayes—36.

⁵⁵ Revision of genus, Buchanan—35

⁵⁶ Baker—36.

⁵⁰ Buchanan—37.

⁴⁸ Chamberlin in litt.

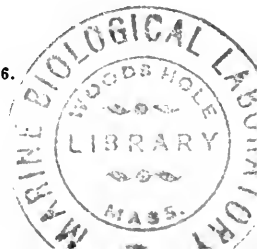
⁴⁸ Buchanan—39.

⁵¹ Junk Cat. p. 151, p. 210.

⁵⁸ Revision of *pacificus*-group, Buchanan—36.

⁵⁹ Satterthwait in litt.

⁶⁰ Valid species, Schedl—33.



SCOLYTIDÆ

- Scolytus** Geoffr. 62-310⁶¹
 * (*Eccoctogaster* Hbst. 93-124)⁶¹
rugulosus Ratz. 37-187 Eur. N.A.
muticus Say 24-323 E.U.S.
fagi Walsh 67-38 Ill. Tex.
sulcatus Lec. 68-167 Conn.-N.J.
reflexus Blackm. 34-13 Ariz.
wickhami Blackm. 34-13 Colo. N.M.
 [Ar. Ut.
tsugæ Sw. 17-32 Cal.-B.C.-Alb.
monticolæ Sw. 17-32 Or.-B.C.-Wyo.
quadrispinosus Say 24-323 N.A.
caryæ Riley 67-? ⁶¹
subscaber Lec. 76-371 Cal.-B.C.
oregoni Blackm. 34-18 Ore.
robustus Blackm. 34-19 Colo. N.M.
 [Ar. Ut.
præceps Lec. 76-371 Cal.-Tex.
opacus Blackm. 34-20 Colo. Ut. Mont.
abietis Blackm. 34-21 Ida.
ventralis Lec. 68-167 B.C.-Cal-
 [N.M.-Mont.
scolytus Fabr. 75-59 Eur. ?U.S.
californicus Lec. 68-165⁶¹
sobrinus Blackm. 34-23 Wash. Or. Wyo.
laricis Blackm. 34-24 Ida. Mont.
fiskei Blackm. 34-25 N.M. Colo.
unispinosus Lec. 76-371 Cal.-B.C.
piceæ Sw. 10-34 Que.-N.Y.-Mont.
multistriatus Marsh. 02-54 Eur. Mass.-
 [Pa.
- Hylesininæ**⁶²
- Crypturgus**⁶²
- Dolurgus**⁶²
- Polygraphus**⁶²
- Carphoborus**⁶²
cressatyi Bruck 36-36 Cal.
vandykei Bruck 33-104 Cal.
swainei Bruck 33-105 Cal.
- Renocis**^{62 63}
penicillatus Brown 33-239 Cal.
- Pseudocryphalus**
maclayi Bruck 36-35 Cal.
- Chramesus** Lec. 68-168^{62 63}
 * (*Rhopalopleurus* Chap. 69-46)⁶³
hicoloræ Lec. 68-168 Can.-Ga.-Miss.
icoriæ Lec. 76-375⁶³
lecontei Chap. 69-46⁶³
asperatus Schffr. 08-220 Ariz.
subopacus Schffr. 08-221 Tex. Ariz.
canus Blackm. 38-541 La.
gibber Blackm. 38-541 N.Mex.
chapuisii Lec. 76-375 Pa.-Fla.-Tx.-Kan.
dentatus Schffr. 08-221 Ariz.
mimosæ Blackm. 38-544 Tex. Mex.
- Phthorophlæus**⁶²
- Tomicus**⁶²
- Dendroctonus**⁶²
- Phlæosinus**⁶¹
piceæ Sw. 34-205 Que.
granulatus Bruck 36-33 Cal.
setosus Bruck 33-54 Cal.
frontalis Bruck 33-55 Cal.
swainei Bruck 33-56
minutus || Sw. 17-9⁶⁴
- Chætophlæus**⁶²
- Xylechinus**⁶²
- Leperisinus**⁶²
- Dendrosinus**⁶²
- Scierus**⁶²
- Hylastinus**⁶²
- Alniphagus**⁶²
- Hylurgopinus**⁶²
- Pseudohylesinus**⁶²
serratus Bruck 36-37 Cal.
- Hylurgops**⁶²
- Hylastes**⁶¹
porculus Er. 36-49 E.N.A.
granosus Chap. 69-73⁶⁵
scaber Sw. 17-18⁶⁵
swainei Egg. 34-25 E.Can. Minn.
porculus of Sw. 18-78⁶⁵
- * * *

⁶¹ Revision of genus, Blackman—34.⁶² Rearrangement of genera in subfamily Hylesininæ, Bruck—36.⁶³ Revision of genus, Blackman—38.⁶⁴ Bruck—33.⁶⁵ Eggers—34.

- Pseudothysanoes** Blackm. 20-46 ⁶⁶
- * *hopkinsi* Blackm. 28-200 Cal. 18374, for Cal. read Ore.⁶⁸
 - partoni* Bruck 36-32 Cal. 18375, for Cal. read Ore.⁶⁸
 - drakei* Blackm. 20-48 N.Y.
 - rigidus* Lec. 76-362 Can. Mich.
 - sulcatus* Bruck 36-33 Cal.
 - phorodendri* Blackm. 28-202 Tex. Ariz. 22039, for Colo. read B.C. Wash.⁶⁹
 - lecontei* Blackm. 20-49 D.C. 22040, for B.C. Wash. Ore. Cal. read [S.D. Colo.]
 - sedulus* Blackm. 28-204 Ariz.
 - gambetti* Blackm. 28-205 Ariz. N.M.
 - barberi* Blackm. 28-206 Ariz.
- Cactopinus** Sz. 99-11 ⁶³
- * *hubbardi* Sz. 99-11 Ariz.
 - pini* Blackm. 38-153 Cal.
 - rhois* Blackm. 38-154 Cal.
 - kœbeleii* Blackm. 38-156 Cal.
- Pterocyclon** Eich. 68-276 ⁶¹
- obliquecaudatum* Schedl 35-351 Cal.
- Hypothenemus**
- citri* Ebeling 35-21 Cal.
- Cryphalus**
- * *pilosus* Lec. 68-154 Cal.
 - pilosulus* Lec. 68-166 ⁷¹ Ariz.
 - saltoni* Blackm. 38-206 Ariz.
- Gnathotrichus**
- 22039, for Colo. read B.C. Wash.⁶⁹
 - 22040, for B.C. Wash. Ore. Cal. read [S.D. Colo.]
- Ancyloderes** Blackm. 38-205 ⁷⁰
- Ips**
- montanus* Eichh. 81-219 ⁷² Cal. or Tex.
- Xyleborinus**
- tsugæ* Sw. 34-204 B.C.
 - librocedri* Sw. 34-205 Ore.
- ⁶⁸ Chamberlin in litt.
⁶⁹ H. B. Leech in litt.
⁷⁰ To follow *Pseudopityophthorus*.
⁷¹ Blackman—38.
⁷² Eggers—34.

⁶⁶ Revision of genus, Bruck—36.⁶⁷ Used as valid genus by Schedl—35.

ADDITIONAL NECROLOGY

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 Bolster, P. G., d. May 22, 1932.
 Carr, F. S. b. January 1, 1881; d. May 16, 1934.
 Fenyes, A., b. November 17, 1863; d. February 22, 1937.
 Field, G. H., d. June 12, 1937.
 Handlirsch A., d. August 28, 1935.
 Horn, W., d. July 10, 1939.
 Johnson, C. W., d. July 19, 1932.
 Kellogg, V. L., b. December 1, 1867; d. August 8, 1937.
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 Stickney, F. S., b. August 6, 1892; d. August 15 1936.
 Tillyard R. J., d. January 13, 1937.
 Urich, F. W., d. June 22, 1937.
 Wheeler, W. M., d. April 19, 1937.
 Wickham, H. F., b. October 26, 1866; d. November 17, 1933.

As this supplement goes to press we have word of the passing, on November 14th, 1939, of our most eminent worker on North American Coleoptera,

HENRY CLINTON FALL.

The publisher, his close friend for fifty years, and his many entomological and other friends feel their loss very deeply, and workers on Coleoptera all over the land will sadly miss his assistance and encouragement.

In spite of severe physical handicaps, patiently endured throughout his lifetime, Dr. Fall accomplished a vast amount of most valuable work on the taxonomy of North American beetles, describing some 1,400 new species—few of which were ever challenged as being synonyms—and his excellent monographic works on various families and genera of these insects are well known and in constant use.

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THIRD SUPPLEMENT TO
CATALOGUE OF NORTH AMERICAN COLEOPTERA
DESCRIBED AS FOSSILS

The few fossil beetles described as new in the years 1933 to 1938 inclusive are listed below. Names in brackets were invalid as published. One new abbreviation is used.

Ariz. Trias. Chinle Formation, Petrified Forest National Monument,
Holbrook, Arizona.

CARABIDÆ

Scaphinotus Dej.

minor Horn 76-243, belongs in subg. *Irichroa* ¹.

¹ Lapouge—32.

wheatleyi Horn 76-242, belongs in subg. *Scaphinotus* ¹.

Carabus Linn.

mæander Fisch., belongs in sub. *Eucarabus* ².

v.sangamon Wickh., belongs in subg. *Eucarabus* ².

² Breuning, 32-37.

Patrobus Dej. ³

³ Revision of genus, Darlington--38.

gelatus Scudd. 90-530 ⁴

Tor. ⁴ Scar. Pleist.

decessus Scudd. 00-73 ³

Scar. Tor. ⁴ Pleist.

frigidus Scudd. 00-74 ³

Tor. ⁴ Pleist.

?stygius Chd. 71-46 ³

Recent.

henshawi Wickh. 17-140

Ill. Pleist.

⁴ Coleman--33, as valid species.

Elaphrus Fab.

irregularis Scudd.

Tor. ⁴ Scar. Pleist.

Loricera Latr.

glacialis Scudd.

Tor. ⁴ Scar. Pleist.

lutosa Scudd.

Tor. ⁴ Scar. Pleist.

exita Scudd.

Tor. ⁴ Scar. Pleist.

Bembidium Latr.

glaciatum Scudd.

Tor. ⁴ Scar. Pleist.

vestigium Scudd.

Tor. ⁴ Scar. Pleist.

vanum Scudd.

Tor. ⁴ Scar. Pleist.

præteritum Scudd.

Tor. ⁴ Scar. Pleist.

damnosum Scudd.

Tor. ⁴ Scar. Pleist.

Pterostichus Bon.

abrogatus Scudd.

Tor. ⁴ Scar. Pleist.

destitutus Scudd.

Tor. ⁴ Scar. Pleist.

fractus Scudd.

Tor. ⁴ Scar. Pleist.

destructus Scudd.

Tor. ⁴ Scar. Pleist.

gelidus Scudd.

Tor. ⁴ Scar. Pleist.

depletus Scudd.

Tor. ⁴ Scar. Pleist.

Platynus Bon.

casus Scudd.

Tor. ⁴ Scar. Pleist.

hindei Scudd.

Tor. ⁴ Scar. Pleist.

halli Scudd.

Tor. ⁴ Scar. Pleist.

dissipatus Scudd.

Tor. ⁴ Scar. Pleist.

desuetus Scudd.

Tor. ⁴ Scar. Pleist.

hartii Scudd.

Tor. ⁴ Scar. Pleist.

delapidatus Scudd.

Tor. ⁴ Scar. Pleist.

exterminatus Scudd.

Tor. ⁴ Scar. Pleist.

interglacialis Scudd.

Tor. ⁴ Scar. Pleist.

longævus Scudd.

Tor. ⁴ Scar. Pleist.

Harpalus Latr.

conditus Scudd.

Tor. ⁴ Scar. Pleist.

DYTISCIDÆ

Cœlambus Thoms. derelictus Scudd. disjectus Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Hydroporus Clairv. inanimatus Scudd. sectus Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Agabus Leach perditus Scudd.	Tor. ⁴ Scar. Pleist.

GYRINIDÆ

Protogyrininus Hatch confinis Lec.	Tor. Pleist. ⁴
--	---------------------------

HYDROPHILIDÆ

Cymbiodyta Bedel extincta Scudd.	Tor. ⁴ Scar. Pleist.
--	---------------------------------

STAPHYLINIDÆ

Olophrum Er. celatum Scudd. arcanum Scudd. dejectum Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Arpedium Er. stillicidii Scudd.	Tor. ⁴ Scar. Pleist.
Acidota Mannh. crenata Fabr. v.nigra Scudd.	Tor. ⁴ Scar. Pleist.
Geodromicus Redt. stiricidii Scudd.	Tor. ⁴ Scar. Pleist.
Bledius Mannh. glaciatu Scudd.	Tor. ⁴ Scar. Pleist.
Oxyporus Fabr. stiriacus Scudd.	Tor. ⁴ Scar. Pleist.
Lathrobium Grav. frustrum Scudd. inhibitum Scudd. debilitatum Scudd. interglaciale Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Cryptobium Mannh. cinctum Scudd. detectum Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Philonthus Curt. claudus Scudd.	Tor. ⁴ Scar. Pleist.
Quedius Steph. deperditus Scudd.	Tor. ⁴ Scar. Pleist.

BUPRESTIDÆ

[*Paleobuprestis* Walker 38-138⁶][*maxima* Walker 37-138⁶

Ariz. Trias.]

[*minima* Walker 38-139⁶

Ariz. Trias.]

⁶ Walker—38; these names are invalid because they are not based upon specimens of insects but rather upon reputed evidence that the insects once existed.

CHRYSOMELIDÆ

Donacia Fab.*stiria* Scudd.*pompatica* Scudd.Tor.⁴ Scar. Pleist.Tor.⁴ Scar. Pleist.

SCOLYTIDÆ

[*Paleoscolytus* Walker 38-139⁶][*divergus* Walker 38-139⁶

Ariz. Trias.]

[*Paleoipidus* Walker 38-140⁶][*perforatus* Walker 38-140⁶

Ariz. Trias.]

[*marginatus* Walker 38-140⁶

Ariz. Trias.]

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<Ent.Amer.,18,135-187.

Walker

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<Proc.U.S.N.M.,85,137-141.



INDEX

In order to bring together all the references to each name in the catalog and the supplements, this index is a combination of all the previous indexes and the one for the new supplement. It can be used in place of the other indexes because it is more complete than each. The pages in the supplements are distinguished by superscript numerals thus: 24 — original catalogue, 24¹ — first supplement, 24² — second supplement, 96³ — third supplement and 24⁴ — fourth supplement. (The second and third supplements were paged consecutively.)

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