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**SYSTEMATIC CATALOGUE OF
THE SUBFAMILY HARPALINAE
(INSECTA : COLEOPTERA : CARABIDAE) OF IRAQ**
by

H : A : Ali

University of Basrah , Iraq .

I N T R O D U C T I O N

This family comprises more than 20,000 described species distributed throughout the world . In the temperate regions its members are almost entirely ground beetles occurring in the soil , under stones , under rotting woods , under barks ... and in similar places .

Carabidae are closely allied to family Cicindelidae but are easily distinguished by the form of the clypeus (clypeus extending laterally beyond the base of the antennae in Cicindelidae) , and the absence of the terminal hook on the lacinia of the maxilla . In many genera the legs are adapted for running in some such as Scarites , Clivina , Dyschirius they are shorter and are used for digging . Many Carabidae in their general features bear a resemblance to the Tenebrionidae but may be easily separated by the number of tarsal segments .

A few of Carabidae recorded as attacking cereals and the seeds of plants like zabrus but the majority of the species are carnivorous during larval and adult stages .

Members of the tribe Brachinini have the property of secreting a defensive fluid from the anal end of the body . the fluid possesses caustic properties producing an effect upon the skin .

The Carabidae of Iraq were very poorly studied and were known from few faunal lists cited among the references at the end of

this catalogue . Ali (1966) made entirely complete keys to the tribes , genera and species of the given fauna of Carabidae in this catalogue . From the existing literature I found there is a need for a catalogue comprising the described species of Carabidae in Iraq for the subfamily Harpalinae since a catalogue have been already made for the subfamily Carabinae , Ali (1971) .

KEY TO THE TRIBES OF SUB — FAMILY

HARPALINAE (CARABIDAE : COLEOPTERA)

- 1 — Venter with six visible sterna in both sexes (2)
— Venter with eight visible sterna in male and seven in female
..... (22)

- 2 — Mandibles with several setae in the scrobe ; head with
a suborbital longitudinal ridge and two supraorbital setae on
each side ; body flat and pubescent . **Cymbionotini**

Cymbionotum Baudi .

- Mandibles glabrous or with a single seta in the scrobe ; head
without a suborbital ridge 3

- 3 — Mandibles with a fixed seta in the scrobe..... 4

- Mandibles without a fixed seta in the scrobe 9

- 4 — Head with one supraorbital seta on each side 5

- Head with two supraorbital setae on each side 7

- 5 — Body flattened , not pedunculate ; surface of elytra striate ,
second interval about as wide as next 2 -- 4 together eyes
unusually large ; anterior coxal cavities open behind ; front of
head with several longitudinal -- directed ridges .

Notiophilini

Gen . Notiophilus Dum .

- Body convex and pedunculate ; surface of elytra smooth or
normally striate ; second interval normal ; anterior coxal
cavities closed behind ; eyes of normal size . front of head
a long well sclerotized lobe . **Anthiini**

Gen . Anthia Web . (A . duodecimguttat Bon .)

- 22 — Mandibles with a fixed seta in the scrobe , elytra truncate
and usually with a narrow membranous margin at apex .

Brachiniini

- segments (sometimes not dilated) 12
- Outer part of the metacoxae and the first abdominal sternum
lying in the same plane ; male protarsi with the basal three
segments dilated ; antennae with basal three segments
glabrous 13
- 12 — Basal two segments of antennae glabrous ; margin of elytra
without an internal plica toward apex . Harpalini
- Basal three segments of antennae glabrous ; margin of elytra
with an internal plica toward apex . Zabritini
- Gen . Zabrus Clairv .
- 13 — Form oval ; ninth interval of elytron consisting of a narrow
broken carina , eighth stria forming a deep groove on apical
half ; body glabrous above . Oodini
- Gen . Oodes Bon .
- Form not completely oval) ninth interval normal throughout
its length , eighth stria not forming a broad groove in apical
half , pronotum and elytra usually pubescent . Chlaeniini
- 14 — Antenna inserted immediately beneath the preocular ridge
..... 15
- Antenna inserted far below the preocular ridge , and level with
the lower margin of the eyes 21
- 15 — Elytra completely covering the abdomen 16
- Elytra more or less truncate at apex and exposing end of
abdomen 18
- 16 — Elytra with stria 8 deep throughout , close to the margin
in front and widely separated from it behind Perigonini
- Gen . Perigona Cast . (P . nigriceps Dej .)
- Elytra with stria 8 normally impressed and about equal distance

- from the margin throughout 17
- 17 — Penultimate segment of the labial plurisetose on its inner margin Amarini
Gen . Amara Bon .
- Penultimate segment of the labial palpi bisetose on its inner margin Pterostichini
- 18 — Basal segment of antennae about as the next three taken together ; tarsal segment 4 not bilobed ; labrum narrower than clypeus Zuphiini
Gen . Zuphium Latr .
- Basal segment of antennae not longer than the next two taken together 19
- 19 — Inner spur of of metatibia longer than the basal metatarsal segment 20
- Inner spur of metatibia shorter than the basal metatarsal segment ; prementum supported at base by projection of mentum Lebiini
- 20 — Lacinia produced into an obtuse ciliate lobe at apex ; tibial spurs serrulate Tetragonoderini
Gen . Tetragonoderus Dej .
- Lacinia ending in a sharp slender hook without any ciliate lobe above it ; tibial spurs not serrulate Masoreini
- 21 — Antennae inserted near the eyes at the lower edge of the orbital emargination anteriorly ; ligula including its glossae and paraglossae form a short membranous lobe . Graphipterini
Gen . Graphipterus Latr . (G . minutus Dej .)
- Antennae inserted at a distance in front of the eyes ; orbit evenly rounded ; ligula including glossae and paraglossae form

1 — TRIBE APOTOMINI

Apotomus III . , Mag . Ins . VI , 1807 : 348 .

A — rufithorax pech . , Ann . Soc . Ent . Fr . VI . 1837 : 445 ,
t . 16 , f . 6 .

A — testaceous Dej . , Spec . Gen . Col . I , 1825 : 451 .

A — rufus (Rossi) , Fauna Eur . I , 1790 : 229 , t . 4 , f . 3 .

2 — TRIBE BROSCINI

Broscus Panzer , Index Ent . 1813 : 62 .

B — punctatus Dej . , Spec . Gen . Col . III , 1828 : 431 .

nepalensis Hope . Zool . Misc . 1831 : 21 .

3 — TRIBE TRECHINI

Trechus Clairv . , Ent . Helv . II , 1806 : 22 .

T — quadristriatus (Schr .) , Enum Ins . Austr . 1781 : 218 .

capitatus (Fourc .) , Ent , Paris 1785 : 52 .

minutus (F .) Syst . Eleuth . I , 1801 : 210 .

tempestivus (Panz .) , Fauna Ins . Germ . 73 , 1801 , 6 .

rubens Clairv . , Ent . Helv . II , 1806 .

nigriceps Sturm . Cat . 1826 : 203 .

fuscipennis Steph . Illustr . Brit . Ent . Mandib , I , 1827 :
170 .

pelitus Falder . , Fauna Ent . Transcauc . I , 1837 . 100 .

amaurocephalus Kolenati , Melet . Ent . I , 1845 : 69 .

fuscus Motsch . , Käf . Russl . 1850 : 7 .

piciventris Gräells , Mem . mapa , geol . Esp . 1855 : 39 , t .
1 . f . 5 .

syriacus Putz . . Ent . Zeit . Stettin XXXI , 1870 : 178 .

Perileptus Schaum , Naturg . Ins . Deutschl . Col . I , 1860 : 663 .

P — jedlickai nom . nov .

jeannei Jedl . , Ann . Hist . Nat . Mus . hung . (N . S) .

2 , 1952 : 79 (not Darington)

4 — TRIBE BEMBIDIINI

Asaphidion Goizis . Recherches de l'Esp . typ . 1886 . : 6 .

A — stierlini (Hyed .) . Deutsche Ent . Zeitschr . XXIV , 1880 :
304 .

angulicollis Stierl , Mitth . SchSweiz . Ent . Ges . V . 1879 :
441 . (not Marow) .

Bembidon Latr . , Hist . Nat . Ins . III , 1802 : 82 .

B — ambiguum Dej . subsp . rugicollis Reiche . Stat . n . Ann .
Soc . Ent . France (3) III , 1855 : 635 .

B — Amplum Sahlbg . , Ofv . Finska Vet . -- Soc . Förh . L , 7 .
1907 : 5 .

B — curtulum Dubal , Ann . Soc . Ent . Fr . (2) IX , 1851 : 498 .
lamprinulum Reitt . . Fauna Germ . I . 1908 : 107 .

B — luridicorne Sol . , Fedtschenka Reise Turkest . II , 5 , 1874 :
117 .

inserticeps Chaud . , Bull . Soc . Nat . Mose . XXIII . 1850 .
111 : 173

B — megaspilum Walker , List . Col . Lord . 1871 : 10 .

jordanensis Brul . , Ann . Soc . Ent . Fr . (5) V , 1875 : 443 .

serdicanum Apfelb . . Käf . Balk . I , 1904 : 92 , 114 .

- B — niloticum Dej . , Spec . Gen . Col . Col . V , 1831 : 73 .
- B — properans Steph . , Illustr . Brit . Ent . Mandib . II , 1828 : 27 .
 chalceum Steph . . l . c : 27 .
 orichalicium Steph . , l . c : 27 .
 velox Er . Käf . Mark Bransdbg . I , 1837 : 134 .
- B — quadricolle Motsch . , Ins . Siber . 1844 : 270 .
 inserticeps Chaud . , Bull . Soc . Nat . Mosc . XXIII . 1850 : 173 .
- B — quadrimaculatum (L) , Fauna Suec . ed . II , 1761 : 211 .
 subglobosum (Rossi) , Mant . Ins . 1792 : 102 .
 puchellum (Panz .) , Fauna Germ . 38 , 1797 : 8 .
 quacriguttatum (Serv .) . Fauna Franc . I , 1821 : 80 .
 oppositum Say , Trans . Amer . Philos . Soc . II , 1823 : 86 .
 formosum Sahlberg , Ins . Fenn . I , 1834 : 198 .
 coarctatum Sahlb . , I . C . 199 .
 sibiricum Motsch . , Käf . Russl . 1850 : 12 (not Dej . not
 Motsch .)
- B — quadripustulatum Serv . , Fauna Franc . Col . I , 1821 : 80
 (not F . isch .)
 antiquorum Crotch , List . Col . 1868 : 16 .
- B — splendidum Sturm . Deutchl . Ins . VI , 1825 : 145 , t . 159 ,
 f . a . , A .
 metallicum Sturm , Cat . 1826 : 100 .
 venustulum Dej . , Spec . gen . col . V . 1831 : 76 .
 luripedes Reiche , Ann . Soc . Ent . France (3) III , 1855 : 636 .
- B — vicinum Luc . , expl . sc . Alg . 1846 : 86 , t . 10 , f . g ,
 tenustriatum Fairm . , pet . nouv . Ent . II , 1876 : 37 , 50 .
- L — ymnastis Motsch . . Etud . Ent . XI , 1826 : 27 .
- L — galilaeus Brul . , Ann . Soc . Ent . Franc . . 1896 : 344 .

- narentinus Reitt . , Wien . Ent . Zeit . III , 1884 : 124 .
 T — achys Steph . , Illustr . Brit . Ent . Mandib . II , 1828 : 2,4 .
 T — lucasi (Duval) , Ann . Soc . Ent . Franc . (2) X, 1852 : 197 .
 capticus (Apetz) , Coleopt . Brehm Africa Coll . 1854 : 11 .
 kuttiger Reiche , Ann . Soc . Ent . France (3) III, 1855 : 633 .
 T — sexstriatus Duft . , subsp . euphraticus Reitt . stat . n .
 Deutsche Ent . Zeitschr . XXIX . 1885 : 339 .

5 — TRIBE POGONINI

- Diodercarus Letsch . , Ann . Mag . Nat . Hist . (10) VIII, 1931:528.
 D — arrowi Lutsch . , l . c .
 Pogonus Steph . . Illustr . Brit . Ent . Mandib . I , 1828 : 106 .
 P — birói Csiki , Ann . Mus . Hung . 1907 : 574 .
 bironis Seidlitz . , Arch . Naturg . LXXIV , 1908 , II, 2, 1 : 189 .
 P — micans Chaud . , Bull . Soc . Nat . Mosc . XV 1842, II ; 820 .
 P — persicus Chaus . . Bull . Soc . Nat . Mosc . XV, 1842, II ; 821 .
 orientalis Gebl . , Bull . Soc . Nat . Mosc . XX . 1847 : 319
 (not Dej .)
 tranfuga Chaud . , Ann . Soc . Ent . Belg . XIV , 1871 : 30 .
 Syrdenus Chaud . , Ann . Soc . Ent . Belg . XIV , 1871 : 22 , 34 .
 S — grayi Woll . , Mag . Nat . Hist . (3) IX, 1862 : 438 .
 fulvus Baudi , Berl . Ent . Zeitschr . VIII , 1864 : 206 .
 extensus Chaud . , Ann . Soc . Ent . Belg . XIV . 1871 : 35 .
 dilatus Fairm . , Rev . Mag . Zool . (3) I, 1873 : 323 .

6 — TRIBE LICININI

- Badister Schellen . , Ent . Helv . II . 1806 : 90 .

- B — *bipustalatus* (F.) , Ent . Syst . I , 1792 : 161 .
cruxminor (Ol.) , Ent . III , 1795 , 32 : 99 .
ballatus (Schr .) , Fauna Boica I , 1798 : 623 .
crucifer (Fourc .) Ent . Paris 1785 : 47 .
longicollis = *quadrimaculatus* = *quadripunctatus* = *guttatus*
 Lenzn . , Zeitscher . Ent . Breslau V , 1851 : 129 .
- B — *dilatus* Chaud . , Bull . Soc . Nat . Mosc . X . 1837 , III : 20 .
grafi Reitt . , Wien . Ent . Zeit . XXXII , 1913 : 215, f. 4, 6 .
- Licinus* Latr . , Hist . Nat . Ins . III , 1802 : 82 .
- L — *aegyptiacus* Dej . , Spec . Gen . II , 1826 : 398 .
hierichontichus Reiche , Ann . Soc . Ent . Franc . (3) III ,
 1855 : 594 .

7 — TRIBE HARPALINI

- Acinopus* Sturm . . Cat . Ins . Samml . 1826 : 6 .
- A — *khalisensis* Ali , Bull . Biol . Reseash cent : I., 1965.14 .
- A — *laevigatus* Menetr . , Cat . rais . 1832 . 128 .
nitidus Falderm . , Fauna Transcauc . 1835 : 77 .
eurycephalus Chaud . , Bull . Soc . Nat . Mosc . XV , 1842 ,
 IV : 828 .
- Clypeatus* Fisch . , Bull . Soc . Nat . Mosc . XVII , 1844 , 1:31.
rufitarsis Fisch . l . c .
novorossicus Sem . , Ent . Ross . Ross . XXXII . 1898 :
 604 , 609 .
- A — *megacephalus* (Rossi) . Mant . Ins . II , 1794 : 102 , t .
 3 , f . H ,

- sabulosus Sturm , Duetschl . Ins . IV , 1818 : 5 , t 78 , faa —
6 (not F .)
- bucepralus Dej . , Spec . Gen . col . IV , 1829 : 36 .
- emarginatus Chaud . , Bull . Soc . Nat . Mosc . XV , IV : 829 .
- rotundicollis Carret , Bull . Soc . Ent . Franc . 1898 : 54 .
- A — Picipes (01.) , Eat . III , 1795 . 36 : 12 , t . 1 , f . 7 .
- megacephalus III . , Mag . Insectenk . I , 1802 : 353 (not
Rossi) .
- tristis Latr . , Hist . Nat . ed . Sonnini , VIII , 1804 : 372 .
- tenebroides Duft . . Fauna Austr . II , 1812 : 126 .
- pasticus Germ . , Rerm Dalmat . 1817 : 194 .
- minutus Brul . , exped . scient . Moree 1832 : 118 , t . 33 —
f . 11 .
- A — subulosus (F.) , Ent . Syst . I . 1792 : 96 .
- obesus Schönh . , Syn . Ins . I , 1806 : 191 .
- lepeletieri Lucas , expl . Scient . Alg . 1846 : 66 , t . 9 , f . 1 .
- mauritanicus Lucas , l . c : 67 . t . 9 , f . 2 .
- 2 — Acupalpus Latr . , Cuv . Regne Anim . ed . 2 , IV . 1829 : 391 .
- A — dorsali (F.) , Mant . Ins . I , 1787 : 205 .
- celer (01 .) , Ent . , III , 1795 , 35 : 114 .
- parvulus Sturm . , Duetschl . Ins . IV , 1825 : 77 .
- derelectus Dawson , Geod . 1854 -- 159 .
- vittatus (Gräells) , Mem . Map . Geol . 1858 : 39 . t . , f . 4 .
- gyllenhali C . G . T . oms . , Skand . Col . I , 1859 : 288 .
- discus Reitt . , Wien . Ent . Zeit . XIII , 1894 : 82 .
- A — elegans Dej . , spec . Gen . col . IV , 1829 : 412 .
- A — suturalis Dej . , Spec . Gen . col . IV , 1829 : 448 .
- 3 — Amblystomus Er . , Käf . Mark Brande . I . 1 : 1837 . 59 .

- A — *metalleseens* (Dej .) , spec . Gen . col . IV , 1829 : 482 .
dilatus Chaud . , Enum . Carab . Cuae . 1846 : 188 .
majoricensis Chauf . , Nung . Otios . III , 1882 : 545 .
Anisodactylus Dej . , Spec . gen . col . IV , 1829 : 132 .
A — *intermedius* Dej . , Spec . gen . col . IV , 1829 : 139 .
A — *pseudoaeneus* Dej . , Spec . gen . col . IV . 1829 : 137 .
punctipennis Gebler , Bull . Soc . Nat Mosc . VI , 1833 : 265 .
maculifrons Ménétr . . Ins . Lehman , 1849 : 21 .
Anoplogenius Chaud . , Bull . Soc . Nat . Mosc . XXV , 1888 , 1:88 .
A — *procerus* (Shaum) , Wien . Ent . Monatschr . II , 1858:274 .
grandis Peys . , Ann . Soc . Ent . Franc . (3) VI . 1858:380 .
morio Reitt . , Deutsche Ent . Zeitschr . , 1894 : 35 (not
Ménétr .)
Anthracus Motsch . , Käf . Russl . 1885 , t . VII .
A — *druei* Pic , L'Echange XX , 1904 : 89 .
A — *hauseri* Fleisch . , Wien . Ent . Zeit . XXXIII , 1924 : 268 .
Axinotoma Dej . , Spec . gen . col . IV , 1829 : 29 .
A — *fallax* Dej . , l . c . : 30 .
Bradycellus Er . , Käf . Mark Brandeb . I . 1 , 1837 : 64 .
B — *verbasci* (Duft .) , Fauna Austr . II , 1812 : 186 .
collaris Sturm , Deutschl . Ins . VI , 1825 : 74 .
pallipes Steph . , Illustr . Brit . Ent . Mandib . I , 1828 : 168 .
pallidus Steph . . l . c : 169 .
rufulus Dej . , Spec . gen . IV , 1829 : 470 . SS
felvus Dawson , Geod . Brit . 1814 : 163 . (not Marsh . .
Not Dej .)
Carterus Dej . & Boisd . , Icongr . col . d'Eur . I , 1829 : 232 .
C — *gilvipes* Brul . , L'Abielle XV , 1877 : 34 , 59 .

C — *ignoratus* Stichel , Zeitschr . Wiss . Insektenboil . 1923 :
49 , 88 .

angustipennis Brul . , L'Abielle XV , 1877 : 35 . 68 (not
Chaud .)

C — *validivasculus* Brul . , L'Abielle XV , 1877 : 35 , 66 .

Crassodactylus Guérin . Rev : Zool : 1847 : 50 :

C — *punctatus* Guérin , In Iefebvre , voy , Abyssin , Iv , 1849 :
258 :

Daptus Fisch . , Entomogr . Russ . II , 1824 : 35 .

D — *vittatus* pisch , subsp . *flavivertis* Reitt . stat . n . verh .
Naturf . ver . Brünn XXXIII , 1900 : 40 .

Diachromus Er . , Käf . Mark Brandbg . I , 1 . 1837 : 43 .

D — *germanus* (L) . subsp . *equisitus* Mulsant & Rey Stat . n . Ann.
Soc . Linn . (2) XV , 1870 : 403 .

Ditonus Bon . , Observ . Ent . I , 1810 , tab . Synopt .

D — *ermita* Dej . , Spec . gen . col . I , 1825 : 447 .

nitidulus Dej . , l . c .

talpa Redten . , Denkschr . Akad . Wiss . Wien . I . 1850 : 47 .

perforatus Reiche , Ann . Soc . Ent . Franc . (3) III . 1855:589.

D — *obscurus* Dej . , Spec . gen col . I , 1825 : 445 .

D — *punctalatus* Chaud . , Bull . Soc . Nat . Mosc . XVII , 1844 ,
II : 476 .

D — *semicylidricus* Gilinski , Rev . Zcol . (2) XXIII , 1872 : 476 .

tenvesculptus Sol . . In Fedtschenko Reise Turkest . II , 5
1874 : 47 .

semicyaneus Jacob . . Zsiki Ross . fasc . 5 , 1907 : 372 .

Egadroma Motsch . , Etude . Ent . IV , 1855 : 43 .

E — *marginatus* Dej . , Spec . gen col . IV , 1829 : 427 .

Egaploa Alluaud , Ann , Soc . Ent . Frank . LXXXV , 1916 : 64.73.

E — *crenulata* (Dej .) , Spec . gen . col . IV , 1829:432.

- Gynandromorphus Dej . , Spec . gen . col . IV , 1829 : 186 .
G — peyroni Carret , Bull . Soc . Ent . Franc . 1905 : 122 .
Harpalus Latr . , Hist . Nat . Crust . Ins . III , 1802 : 92 .
H — brachypus Stev . , Mem . Soc . Nat . Mosc . II . 1809 : 39 .
robustus Faldeem . , Fauna Transcaus . I , 1832 : 80 . t . 4 ,
f . 1 .
robustus Ménétr . . Ins . Lehm . 1849 : 25 .
H — caiphus Reiche , Ann . Soc . Ent . Franc . (3) III , 1855 : 630 .
H — fulvus Dej . , Spec . gen . col . IV . 1829 : 323 .
littoralis Ramb . . Faune Adalous , 1838 : 127 .
H — fuscipalpis Sturm , Deutschl . Ins . IV . 1818 : 66 , t . 88 ,
f . B .
constrictus Duft . , Fauna Austr . II , 1812 : 102 .
unicolor Motsch . . Ins . Siber . 1844 : 217 , t . q . f . 14 .
castibianus Vuillefroy , Ann . Soc . Ent . Franc . (4) VI ,
1866 : 348 .
brunneus Torre , 8 Jahr . -- Ber . Ver . Naturk . Linz . 1877 : 49 .
H — metallinus Ménétr . , Bull . Acad . Sc . St . Petersb . I ,
1836 : 149 .
virescens Falderm . , Fauna Transcauc . I , 1835 : 89 (not Dej.)
seriatus Chaud . . Enum . Carab . 184 : 175 .
H — oblitus Dej . , Spec . gen . col . IV . 1829 : 273 .
incertus Dej . , l . c . : 318 .
H — tenebrosus Dej . , l . c . : 358 .
femoralis Chaud . , Enum . Carab . 1732 : 177 (not Steph .)
chaudoiri Motsch . , Käf . Russl . 1850 : 27 .
wollastoni Dawson , Geob . Brit . 1854 : 144 .
bitigiosus Woll . , Ins . Mader . 1854 : 51 (not Dej.)

H — undulatus Gebler , Bull . Acad . Sc . St . Petersb . VIII ,
1841 : 371 .

brachypus Ménétr . . Ins . Lehm . 1849 : 25 . (not Steph.)

externepunctatus Solsky , in Fedtschenko . Reise Turkest .
II , 5 , 1874 : 74 .

Hemiaulax Bates , Ann , Mus , Civ . Genova (2) XII , 1892 : 347 .

H — morio (Ménétr) , Cat . rais . 1832 : 136 .

Heteracantha Brul . . Hist . . Nat . Ins . IV , 1834 : 482 .

H — depressa Brul . , l . c . t . 16 , f . 1 .

Macrophonus Tschirsch . , Horae , Ent . Ross . XXXV , 1901 : 233 .

M — oblongus (Schaum) , Wien . Ent . Monatschr . II , 1858 : 373 .

langloisi (peyron) . Ann . Soc . Ent . Franc . (3) VI , 1858 :
381 , t . 9 . f . 7 .

Odontocarus Solsky , Ann , Soc . Ent . Franc . III , 18v4 : 663 .

O — asiaticus Chaud . , Bull . Soc . Nat . Mosc , XXV , 1852 ,
1 : 90 .

bucidus Reiche , Ann . Ent . Franc . (3) III , 1855 : 585 .

libanicoia Mars , L'Abielle V , 1868 : 171 .

O — cephalotes Dej . . Spec . gen col . II , 1826 : 482 .

Opäonomimus Schauburger . Ent . Anz . III , 1923 : 72 .

O — hirsululus (Dej .) , Spec . gen col . IV , 1829 : 226 .

acutipennis (Küster) , Käf . Eur . IX , 1847 nr . 7 .

tataricus (Ménétr .) , Men . Acad . Sc , St , Petersb , VI .
1849 : 36 .

Ophonus Steph . , Illustr . Brit . Ent . Mandib . I , 1826 : 67 .

O — azureus (F .) , Syst . Ent . 1775 : 244 .

chlorophonus (Danz .) , Fauna Germ . 73 , 1801 , nr . 3 .

- cyanexceus* Torre , 8 Jahr -- Ber . Ver . Natur . K . Linz ,
1877 : 46 . (not Motsch .)
- chlorosceus* Torre , l . c .
- O — *cribrellus* Reiche , Ann . Soc . Ent . Franc . (3) III , 1855:926 .
- judaeus* Reitter , Verh . Naturf . ver . Brün . XXXVIII ,
1900 : 64 .
- O — *cribricollis* De . , Spec : gen col : IV , 1829 : 200 :
- craasiusculus* Fairm . & Laboulbene , Faune , Ent . Franc . I ,
1844 -- 56 : 126 .
- fauxveli* Mathan , Ann . Soc . Ent . Franc . (4) II , 1862:244 .
- O — *israelita* Brul . , Ann . Soc . Ent . Franc . (5) V , 1875:410 ,
- O — *judaeus* Brul . , l . c .
- clypealis* Reitt . , Verh . Naturf . ver . Brünn . XXXIII ,
1900 : 62 .
- O — *musaybensis* Ali , Bull . Biol . Reserch Cent . I , 1965 .15:
- Pachycarus* Silsky , Ann . Soc . Ent . Franc . III , 1834 : 666 .
- P — *brevipennis* Chaud . , Bull . Soc . Nat . Mosc , XXIII , 1850 ,
II : 444 .
- Parophonus* Ganglb . , Käf . Mitteleur . I , 1892 : 340 .
- P — *dia* Reitt . , Verh . Naturf . ver . Brünn , XXXVIII , 1900:68 .
- P — *mendax* (Rossi) . Fauna Etrusca I , 1790 : 223 , t.2, f. 10 .
- P — *planicollis* Dej . , Spes . gen . col . IV , 1829 : 227 .
- Penthus* Chaud . , Bull . Soc . Nat . Mosc . XVI , 1843 , III , :
387 , 390 .
- P — *tenebrioides* Wärtl . , Isis VI , 1838 : 451 .
- tenebricosus* Chaud . , Bull . Soc . Nat . Mosc . XVI , 1843 ,
III : 389 .
- brevicollis* Reott . , Wien . Ent . Zeit . III , 1884 : 249 .

- Pseudophonus* Motsch . , Ins . Siber . 1844 : 196 .
- P — *rufifus* (Degeer) , Mem . Ins . IV , 1774 : 96 .
- ruficornis* (Fisch .) , Syst . Ent . 1775 : 241 .
- pubescens* (O.F. Müller) , Zool . Dan . prodr . 1776 : 77 .
- fuscus* (Gemelin) , In L . syst . Nat . ed . 13 , 1 , 4 , 1790 : 1987 .
- pulverulentus* (Rossi) , Fauna Etrusc . I , 1790 : 233 , t . 3 , f . 7 .
- sericeus* (Fourcroy) , Ent . Paris I , 1795 : 54 .
- sagowskii* Lutsch . , Berl . Ent . Zeitschr . LIV , 1909 : 108 .
- P — *griseus* (Panz) , Fauna Germ . 38 , 1797 , nr . 1 .
- bicolor* (Marsh .) , Ent . Brit . I , 180 . : 436 .
- reichei* Desbr . , Not . ent . Bourbonn . , 186 : 42 .
- Sabienus* Gozis , Mitsh . Scheid . Ent . Ges . VI , 1882 : 290 .
- S — *calydonius* (Rossi) , Fauna Etrusc . I , 1790 : 288 , t . 8 , f . 8 , 9 .
- cornutus* (Ménétr .) , Cat . rais . 1832 (IX) : 103 .
- S — *tricuspidatus* (F.) , Ent . syst . I , 1 , 1792 : 144 .
- longicornis* (F.) , Ent . Syst . I , 1792 : 150 .
- calydonius* (Berman) , Reise Delm . 1817 : 199 .
- cornutus* (Dej .) , Spec . gen . col . I , 1825 : 440 .
- frioli* (Solsky) , Ann . Soc . Ent . Franc . III , 1834 : 664 .
- spinicollis* (Chaud .) Bull . Soc . Nat . Mosc . XVI , 1843 , IV : 743 .
- Stenolophus* Steph . , Illustr . Brit . Ent . Mandib . I , 1826 : 65 .
- S — *discophorus* Fisch . , Entomogr . Russ . II , 1828 : 141 .
- S — *persicus* Mann . , Bull . Soc . Nat . Mosc . XVII , 1844 , III : 432 .

paragraphus Kolenati , Melet . Ent . I , 1845 : 68 .
Trichocellus Ganglb . , Käf . Mitteleur . I , 1892 : 366 .
T — godarti (Jaquet) , Reb . d'Ent . I , 1882 : 226 .
T — obscuricornis Reitt . , subsp . euphraticus Tschitsch , Horae ,
Soc . Ent . XXXII , 1899 : 453 , 472 .

8 — TRIBE CHLAENTINI

Callistus Bon . , Observ . I , 1810 , tab . Synopt .
C — *lumulatus* (F .) , Syst . Ent . 1775 : 247 .
cruximinor (Sulzer) , Abgek . Gesch . Ins . I , 1776 : 63 ,
t . 7 . , f . 6 .
eques (Schr .) , Enum . Ins . Austr . 1781 : 215 .
plateosus (Fourc .) , Ent . Paris I , 1785 : 53 .
Sulzeri (Braham) , Insect . Kalender I , 1790 : 75 .
Chlaenius Bon . , Obser . I , 1810 , tab . Synopt .
C — *aeratus* (Quen .) , In Schonsyn . Ins . I , 1806 : 177 .
algerinus Gory , Ann . Soc . Ent . Franc . II , 1833 : 225 .
C — *amarea* Andr . , Ent . Month . Mag . 56 1920 : 239 .
C — *velutinus* (Duft .) Fauna Austr . II , 1812 : 168 .
marginatus (Rossi) , Fauna Etrusc . I , 1790 : 212 (not L.)
cinctus (Ol .) , Ent . III , 1795 , 35 : 87 , t . 28 (not L.)
C — *canariensis* Dej . , Spec . gen . col . V , 1831 : 657 .
cyanicollis Brul . , Voy . d'Orbigny Amer . merid . 1838 : 39 .
C — *circumscriptus* (Duft .) , Fauna Austr . II , 1812 : 166 .
sinctus (Rossi) , Fauna Etrusca I , 1790 : 212 , t . 4 , f .
9 , (not F .)

- karelini Mann . , Bull . Soc . Nat . Mosc . XVI , 1843 :
III : 432 .
- turcmenicus Motsch . , Bull . Soc . Nat . Mosc . XXXVII ,
1864 , IV : 345 .
- C — coeruleus (Stev .) , Mem , Soc , Nat . Mosc . II , 1809 : 37 .
leitzingeri Lutsch . , Acta Ins . Agronom Stavropol I , 1921:19 .
- C — dejeani Den . & Boisd . , Icongr . col . d'Eur . II , 1830 : 195 ,
t . 96 , f . 2 .
- armeniacus Motsch . , Bull . Soc . Nat . Mosc . XXXVII ,
1864 , IV : 344 .
- C — festivus (Panz .) , Fauna Germ . 30 , 1796 : 15 .
zonatus (Panz .) , l . c . 31 : 7 .
fischeri Krynicki , Bull . Soc . Nat . Mosc . II , 1829 : 187 ,
tenuistriatus Krynicki , l . c . V , 1832 : 78 .
- C — flavipes Menetr . , Cat . rais . cauc . 1832 . 114 .
exutus Friv . , Termesztud . Tars . Evk . I . 1845 : 178 ,
persicus Redt . , Denkschr . Akad . Wiss . Wien . I , 1850 ,
1 : 47 .
- C — lucasi Peyr . , Ann . Soc . Ent . Franc . (3) VI , 1858 :
361 , t . 9 , f . 2 .
- C — spoliatus (Rossi) , Fauna Etrusca I , 1790 : 33 .
cupeomicans Letz . , Zeitschr . Ent . Breslau V , 1851 : 139 .
cuprinus Schilsky , Deutsche Ent . Zeitschr . 1888 : 181 .
- C — syriacus Chaud . , Ann . Mus . Civ . Gen . VIII , 1876 : 265 .
- C — viridis Mänütr . , Cat . rais . Cauc . 1832 : 115 .
- C — vestitus (Payk .) , Monogr . Carab . Suec . 1790 : 73 .
marginatus (L .) , syst . Nat . ed . XII , 2 , 1767 : 670 .

- dubius (Hope) , Ent . Taschemb . 1796 : 121 .
aeneus Letz . , Zeitschr . Ent . Breslau V , 1851 : 138 .
viridipunctatus Eecl , Fauna Col . Bass : Seine : I , 1881 :
57 (not Goeze) .
C — richardsi Ali , Bull . Biol . Research cent . I , 1965 . 16 .

9 — TRIBE OODINI

- Oodes Bon . , Observ . Ent . 1 , 1810 , tab . synopt .
O — basrensis Ali , Bull . Biol . Research . Cent . I , 1965.17.
O — irakensis Andr . , Ent . Mitt . XVI , 1927 : 144 .
O — meridionalis Ali , Bull . Biol . Research . Cent,I , 1965:18.

10 — TRIBE PERIGONINI

- Perigona Cast . , Etud . Ent . 1835 : 151 ,
P — nigriceps Dej . , Spec . gen . col . V , 1831 : 44 .
 umbripennis (Lec .) , Trans . Amer . Philos . Soc . X , 1853 :
 386 .
 fimicola (Woll .) , Ins . Mader . 1854 : 63 .
 atriceps Fairm . , Ann . Soc . Ent . Franc . (4) IX , 1869:184.
 japonica (Bates) , Trans . Ent . Soc . 1873 : 281 .
 beccarii Putz . , Ann . Mus . Civ . Gen . VII , 1875 : 732 ,
 disclis Chaud . , Rev . Mag . Zool . (3) IV , 1876 : 353 .
 australica Sloane , Proc . Linn . Soc . N . S . Wales , XXVIII,
 1903 : 635 .
 apicalis Sloane , l . c .

pusilla (Pering .) . Trans . S . Afr . philos , Soc , IV , 1896 .
: 587 .

11 — TRIBE AMARINI

Amara Bon . , Observ . Ent . 1 , 1810 , tab . synopt .

A — deserticola Ali , Bull . Biol . Research Cent , I , 1965 . 18 .

A — communis (F .) , Syst . , Eleuth , I , 1810 : 195 .

A — fulvipes Serv . , Fauna Franc . col . 1831 . 35 .

striatopunctata Dej . , spec . gen . col . III , 1828 : 480 .

reflexicollis Motsch . , Mem . Acad . Sc . St . Petersb . V ,
1844 : 183 .

valida Fairm . , Ann . Soc . Ent . Franc . (3) VII , 1859 : 21 .

A — glennaei Bal : , Boll : Soc : ent : ital . 66 : 1934 : 244 :

A — Lucida (Duft .) , Fauna Austr . 11 , 1812 : 121 .

A — metallescens Dej . , spec . ken . col . V , 1831 : 799 .

superanus Woil . , Ins . Mader . 1854 : 48 .

solata Cozuer . , Ann . Soc . Ent . Franc , (3) VI , 1858 : 77S8 .

A — mesopotamica Bal . , Mem . Soc . Ent . Ital , 69 , 1937 : 177 .

A — pseudofulva Ali , Bull . Biol . Research Cent . I , 1965 . 20 .

A — ruficeps (Dej .) , spec : gen : IV , 1829 : 387 :

aegyptiaa Zimm . , In Gistl . Faunas I , 1831 : 39 .

A — ruthena Tschitsch . , Horae Soc . Ent . Ross . XXVIII .
1894 : 425 .

A — saxicola Zimm . , In Gistl . Faunas I , 1831 : 37 .

A — simplex Dej . , Spec . gen col , III , 1828 . 493 .

euphratica Putz . , Mem . Soc . Sc . liege (2) , 1 , 1866 : 202 .

putzeysi Fairm . , Ann . Soc . Ent . Franc . (4) VII , 1867 : 391 .

A — *songarica* Putz . , Soc . Sc . liege (2) 1 , 1866 : 226 .

12 — TRIBE ZABRINI

Zabrus Clairv . , Ent . Helv . 11 , 1806 : 80 .

Z — *morio* Ménétr . , Cat . rais . 1832 : 125 .

gibbosus Zimm . , Monogr . Carab . Zabr . 1831 : 57 (not
Marsham) .

rufomarginatus Ménétr . , Cat . rais . 1832 : 125 .

piger Faldern . , Fauna Transcauc : III , 1838 : 39 : (not
Dej .)

Z — *ovipennis* Chaud . , Bull . Soc . Nat . Mosc , XVII , 1844 ,
III : 427 .

pulchellus Motsch . , Käf . 1850 : 57 a .

Z — *spenipes* (F .) , suppl . Ent . syst . 1798 : 46 .

blapoides (Creutz .) . Ent . Vers . 1 ? 1799 : 112 .

Z — *tenebrioides* (Geeze) , Ent . Beytr . 1 , 1777 : 667 .

13 — TRIBE PTEROSTICHINI

Abacetus Dej . , Spec . ken . col . III , 1828 : 195 .

A — *quadripustulatus* (Peyr .) , Ann . Soc . Ent . Franc . (3)
IV , 1858 : 371 , t . 9 , f . 4 .

Agonum Bon . , Observ . , Ent . 1 , 1810 , tab . synopt .

A — *viridicupreum* (Goeze) , Ent . Beytr . 1 , 1777 : 664 .

thoracicum (Fourc .) , Ent . Paris 1 , 1785 : 54 .

nigricorne (Panzer) , Fauna Germ . 6 , 1793 , nr . 4 .

modestum Sturm , Deutschl . Ins . V , 1829 : 205 .

genuinum = laticolle = irregulare = virescens = nigrescens

Letz . , Zeitschr . Ent . Breslau V , 1851 : 168 .

Anchomenus Bon . , Obs . Ent . 1 , 1810 , tab . synopt .

A — dorsale Pontop , Danske Ailas 1 , 1763 .

birdifulum (Goeze) , Ent . Beytr . 1 , 1777 : 663 .

prasinum (Thunbg .) , Nov . Act . Upsal . IV , 1784 : 74 ,
f . 87 .

marchicum (Herbst) , In Füessly . Arch . Insectengesch . V ,
1784 : 137 .

violaceum (Thunbg .) Nova Acta Upsal . IV , 1784 : 20 .

bicolor (Fourc .) , Ent . Paris 1 , 1785 : 44 .

thunbergi (Gemelin .) , In L . syst . Nat . ed . XIII , 1 ,
4 , 1790 : 1980 .

viride Gemelin , l . c . : 1986 .

cyanicollis Gebler , Bull . Acad . Sc . St . Petersb . VIII ,
1841 : 371 .

A — tigridis Andr . , Ent : Mitt : XVI . 1927 . 146 .

Calathus Bon . , Observ . Ent . 1 , 1810 , Tab . Synopt .

C — fuscipes (Goeze) , Ent . Beytr . 1 , 1777 : 666 .

liporinus (Fourc .) , Ent . Paris 1 , 1785 : 55 .

cisteloides (Panz .) , Fauna Germ . II , 1793 : 12 .

flavipes (Ol .) , Ent . III , 1795 , 35 , : 76 (not Fourc .) .

fridikus (F .) , Elenth . 1 , 1801 : 189 .

violatus Germ . , Ins . spec . nov . 1824 : 13 .

planipennis Germ . , l . c . : 14 .

latus Brul . , Hist . Nat . Ins . IV , 1834 : 304 ,

C — pluriseriatus Putz . , Ann . Soc . Ent . Belg . XVI , 1873 : 60 ,

obscuripennis Reitt . , Deutsche Ent . Zeitschr . 1889 : 18 .

Chlaeniomimus Sem. , Bull . Soc . Nat . Mosc . II , 1889 , II:687.

C — *virescens* (Notsch .) , Bull . Soc . Nat . Mosc . XXXVII ,
1864 , IV : 335 .

hybridus Reitt . , Fauna Germ . , 1908 : 185 .

Laemostenus Bon . , Observ . Ent . 1 , 1810 , tab . synopt .

L — *cordicollis* Chaud . , Bull . Soc . Nat . Mosc . XXVII , 1854 ,
1 , : 143 .

cordatus Chevr . , Rev . Mag . Zool . (2) VI , 1853 : 392 .

nigritus Reiche , Ann . Soc . Franc . (3) III , 1855 : 599 .

L — *capitatus* Chaud . , Bull . Soc . Nat . Mosc . XXVII , 1854 ,
1 : 144 .

Morion Latr . , Consid . gen . 1810 , tab . Meth . 159 .

M — *olympicus* Redten . , Russeg : Reise Pers : 1 , 2 , 18b3:980,
t . A , f . 4 .

cholchius Chaud . , Bull . Soc . Nat . Mosc . XVII . 1844 ,
111 : 437 .

caucasicus Motsch . , Bull . Soc . Nat . Mosc . XVIII , 1845 ,
1 : 12 .

Orthotrichus Peyr . , Ann . Soc . Ent . Franc . (3) IV , 1856:717.

O — *irakensis* . Ali , Bull . Biol . Research Cent , I 1965 21 .

Petrostichus Bon . , Observ . Ent . 1 , 1810 , tab . synopt .

P — *affinissimis* : Ali , Bull : Biol : Research Cent , I, 1965:21 :

P — *beesoni* Andr . , Mitt . XVI , 1927 : 145 .

P — *bonboisini* Reich , Ann . Soc . Ent . Franc . (3) III, 1855:608 ,

P — *cursor* Dej . , Spec . gen . col . , III , 1828:243 .

maritimus Gaub . , rev . Zool . 1844 : 340 .

P — *leus* Andr . , Ent . Mitt . XVI , 1927 : 146 .

hauski Jedl . , Acta Ent . Mus . Nat . Prag . , 27 , 1952:207.

- P — Wollastoni Wallaston , Ins . Mader . 1854 : 46 , t. 1, f. 9,
profundecernatus Woll . , Col , Hesperid . 1867 : 21 .
martini Bedel . Amm . Soc . Ent . Frabc . LXVI , 1895 : 345 ,
Sphodrus Clairv . , Ent . Helv . II , 1806 : 86 .
- S — leucophthalmus (.) , syst . Nat . ed . X , 1758 : 413 ,
obsoletus (Rossi) , Fauna Etrusca . 1, 1790 : 209 .
planus (F .) , syst . 1 , 1792 : 133 .
suiniger (payk .) , Mon . Carab . Suec . 1790 : 43 ,
armeniacus Osculati , Col . pers . , 1844 : 12 .
brunneus Leitz . , Zeitschr . Ent . Breslau V, 1851 : 155 .
sulcus Motsch . , Bull . Soc . Nat , Mos . XXXVII , 1864 ,
IV : 315 .

14 — TRIBE ZUPHIINI

- Zuphium Ltrr . , gen . Crust . Ins . 1806 : 198 .
- Z — olens (Rossi) , Fauna Etrusca 1 , 1790 : 217 , t. 5, f. 2 .
longiusculum Chaud : . Bull Soc : Nat : Mosc : XV , 1842 ,
IV : 804 .
- Z — testaceum Kiug . , symg : Phys : III , 1832, t : 21, f. 11 :
hauseri Reitt . , Wien . Ent . Zeit , XIV , 1895 : 149 .

15 — TRIBE TETRAGONODERINI

- Tetragonoderus Dej . , Spec . gen . col . IV , 1828 : 485 .
- T — arcuatus Dej . , l . c . : 495 .
- T — intermedium Solsky , In Fedtschenko , Reise Turkest . II ,
5 , 1874 : 45 .

16 — TRIBE MASOREINI

Aephnidius M'Leay , *Annul . Javan* , 1825 : 23 .

A — *rificornis* Chaud . , *Bull . Soc . Nat . , Mosc . XXIII* , 1850 ,
11 : 452 .

Masoreus Dej . , *Spec . gen . col . III* , 1828 : 536 .

M — *orientalis* Dej . , *l . c .* : 539 .

laticolis Chaud . , *Bull . Soc . Nat . Mosc . , XVI* , 1843 , 11:778.

nobilis Woll . , *Cat . Col . Canar* , 1864 : 22 .

acendens Woll . , *Col , Hesperid . 1867* : 17 .

17 — TRIBE LEBIINI

Apristus Chaud . , *Enum . Carab . Cauc . 1846* : 42 ,

A — *subaeneus* Chaud . , *l . c .* : 63 .

arens Motsch . , *Bull , Soc . Nat . Mosc . , XXXVII* , 1864 ,
III : 233 .

Cymindiodea Cast . , *Ann . Soc . Ent . Franc , , 1, 1832* : 390 .

C — *famini* (Dej .) *spec . gen . col . II* , 1826 : 447 .

bufo Shaum , *Ent . Zeit . settin VIII* , 1857 : 49 .

Cymindis Latr . , *Gen . crust . Ins . 1* , 1806 : 190 .

C — *andreae* Ménétr . , *Cat . rais . Caue . 1832* : 98 .

Imperialis Zubkoff , *Bull . Soc . Nat . Mosc . X* , 1837 , V :
59 , t . 3 , f . 1 .

discoidea Peyr . , *Ann . Soc . Ent . Franc , (3) VI . 1858:390.*

C — *axillaris* (F.) , *Ent . syst . IV* , 1794 : 441 .

homagrica (Duft .) , *Fauna Austr . II* , 1812 : 240 .

angularis Steph . , *Illustr . Brit , Ent . Mandib . 1, 1827:31,*

- leavigata Steph . , l.c. V, 1835 : 32 , t.2 . , f. 2 .
condunata (Steph .) , l . c . : 369 .
Taurica Motsch . , Ins . Siber . 1844 : 53 .
C — hierichontichus Reich Subsp . Freyi Schatzmayr , Natura .
Milan 1939 / 30 : 102 .
Glycia Chaud . , Bull , Soc . Nat . Mosc . XV , 1842 , IV:805 .
G — castanea (Klig .) , Symb . Phys . III , 1831 , t.22,f.2.
seminigra Fairm . , Ann . Soc . Ent . Franc . (6) V, 1886:439 .
G — (Kluk.) , symb phys . III , 1831 t . 22, f. 3 .
karelini Motsch . , Ins . Siber . 1844 : 41 .
spencei (Gistl .) , Syst . Ins . 1, 2, 1838 : 123 ,
kruperi Reitt . , Deutsche Ent . Zeitschr . XXVIII, 1884 : 36,
t . 1 , f . 1 .
G — rofolimbata Maindr . , Ann . Soc . Ent , Franc . LXXIV ,
1905 : 332 .
karelini Chaud . , Bull . Soc . Nat . Mosc , XXI , 1848 , 1:73 .
Lebia Latr . , Host . Nat . Crust . Ins , III . 1802 : 85 .
L — baghdadensis Liebke , Ent . Anz . VIII , 1928 : 129 .
atriceps Pic , L'Echange XXXVIII , 1922 : 25 . (not Leconte).
L — cruxminor (L.) , Syst . Nat . ed . X , 1758 : 419 .
errata (Rossi) , Fauna Etrusca 1 , 1790 : 91 , t. 6, f. M .
andreae (Rossi) , l . c . : 221 .
cruxmajor (Ol .) , Ent . III , 1795 , 35 : 96 , t. 4., f.41,
scutellata Letz . , Zeitschr . Ent . Breslau IV , 1850 : 103 .
L — cyanocephala (L.) , Syst . Nat . ed . X , 1758 : 415 ,
rubripes = nigripes = azurescens = viridiscens , Torre , 8
Jahr . -- Berl . Ver . Naturk . linz , 1877 : 33 .
L — lucilla Reitt . , Nachr . XXIV , 1898 : 224 .

- L — nilotica Chaud . , Bull . Soc . Nat.Mosc . XLIII , 1870 , II :
220 , t . 1 , f . 13 .
- Metabletus Schmidt -- Goeb . , Fanula col . Birm . 1846 : 38 .
- M — fuscomaculatus Motsch . , Ins . Siber , 1844 : 59 .
patruelis (Chaud .) , Enum . Carab . Cauc . 1846 : 60 ,
exclamationis , (Ménétr .) , Mem . Mem . Acad . Sc . St .
Petersb . (6) VI , 1848 : 22 .
- M — lateralis (Motsch .) Etud . IV , 1855 : 82 .
mutabilis Reiche , Ann . Soc . Ent . Franc . (3) III , 1855:574 ,
- Microlestes Schmidt -- Goeb . , Fanula col . Birm . 1846 : 41 .
- M — corticalis (Duf .) , Ann . Sc . Phys . Bruxellus VI , 1820:322 ,
suturellus (Motsch .) , Ins . Siber . 1844 : 58 .
plagiatus (Schmidt -- Goeb .) , Fanula col . Birm . 1846:39 .
binotatus Reitt . , Deutsche Ent . , Zeitschr . 1901 : 370,372 .
- M — plagiatus (Duft .) , Fauna Austr . II , 1812 : 249 .
lineellus (Fisch .) , Entomogr . Russ . III , 1825 - 28 : 93 ,
t . 4 , f . 7 .
- M — syriacus Bris . , Ann . Soc . Ent . Franc . (6) V , 1885:102 ,
- Sigilis Ramb . , Faune Andal : 1 , 1837 : 25 : ,
- S — plagiata (Reich & Sauley) , Ann . Soc . Ent . Franc . (3)
III , 1855 : 578 , t . 22 , f . 4 .
- Trichis , Klug . , Sumb : Phys : III , 1831 , t : 21 :
- T — maculatus Klug . , l . c .

18 — TRIBE GRAPHIPTERINI

- Graphipterus Latr . , Hist . Nat . Crust . Ins . III , 1802:83 .
- G — minutus Dej . , Spec . gen . col . 1 , 1825 :336 ,

19 — TRIBE ANTHIINI

Anthia Weber , Observ . Ent . 1801 : 17 .

A — *duodecimguttata* Bon . , Observ . Ent . II , 1813 : 451 .

20 — TRIBE BRACHININI

Brachinus Weber , Observ . Ent . 1801 : 22 .

B — *baghdadensis* Pic . , L'Echange XVII , 1902 : 25 .

B — *bayardi* Dej . , Spec . gen col . V , 1831 : 431 .

guttula Chaud . . Bull . Soc . Nat . Mosc . XV , 1822 , IV : 808 .

buguttatus Chaud , l . c .

bisignifer Costa . R . Accad . Sc . Napoli IX , 4 , 1882 :
33 , f . 1 .

B — *brittoni* Ali , Bull . Biol . Research Cent . I , 1965 . 23 .

B — *crepitans* (L.) , syst . Nat . ed . X , 1758 : 414 ,

explodens Steph . , Illustr . Brit . Brit . Ent , Mandib . I ,
1828 : 35 .

obscurus Heer , Fauna col . Helv . I , 1 , 1838 : 14 .

fimbriolatus Lucas , explor . Sci . Alk . II , 1846 : 22 , 6 ,
3 , f . 8 .

sulcatulus Motsch . , Käf . Russl . 1850 : 35 .

virescens Letz . , Zeitschr . Breslau , V , 1815 : 115 .

B — *ejaculans* Fisch . , Entomogr . Russ . III , 1825 -- 28 : 105 ,
t . 2 . , f . 2 .

graecus Dej . , Spec . gen . col . V , 1831 : 430 .

costulatus Motsch . , Ins . Siber . 1844 : 68 ,

- B — *exhalans* (Rossi) , Mant . Inst . 1, 1792 : 84 , T .1 , f.13 .
pygmaeus Schlberg , Ofvers . Finska . Ventensk . Soc , Förh.
 XLV , nr . 11 , 1903 : 14 .
- B — *explorens* Duft . subsp . abdominalis Reitt . , Ent . Blätt ,
 XV , 1919 : 139 , 141 .
- B — *ganglbaueri* Apfelb . , Käf . Balk . 1 , 1904 : 347 .
- B — *irakus* Liebke , stylops 2 : 186 .
- B — *Kafalovae* Roubel , Bull . Soc : Ent : Fr : 37 , 1932 : 60 :
 B — *nobilis* Dej . , Spec . gen col . V , 1831 : 415 .
alastoni (Perink .) , TRAns . S . Afr . Philos . Soc , IV ,
 1888 : 72 .
- B — *oblongus* Dej . , spec . gen . col , 1 , 1825 : 321 .
- B — *perigrinus* Apfelb . , Käf . Balk . 1 , 1904 : 347 , 351 , f.9 .
- B — *plagiatus* Reiche , Bull . Soc . Climat . d'Alger . V , 1868 : 39 .
bombarda Latr . & Dej . , Hist . Nat . Icongr . col , 1822 —
 24 : 109 , t . 9 , f . 2 .
- B — *mesopotamicus* Ali , Bull . Biol . Reseach cent . I , 1965 22 .
- B — *psophia* Serv . , Fauna France 1821 : 8 .
elegans Shaud . , Bull . Soc . Nat . Mosc , XV . 1822 , IV : 807 .
- B — *schmidtii* Andr . , Ent . Mitt . XVI , 1927 : 147 .
- B — *sclopeta* (F.) , Ent . Syst . 1 , 1739 : 136 .
suturalis Dej . , Spec . gen . col 1 , 1825 : 323 .
uscellaris Chaud . , Bull . Soc . Nat . Mosc , XV , 1842 ,
 IV : 809 .
- B — *igridis* Ali , Bull . Biol . Reseach cent , I , 1965 . 24 .
- Mastax Fisch . , Entomogr . Russ . III , 1825 -- 28 : III .
- M — *thermarum* Stev . , Mem . Soc , Nat . Mosc , 1, 1806 : 166 ,
 t . 11 , f . 8 ,

Pheropsophus Sol. , Ann . Ent . Franc . II , 1833 : 461 ,
aegyptiacus (Mann.) , Bull . Soc . Nat . Mosl , X, 1837 ,
II : 38 .
arabicus Arrow , Trans , Ent . Soc : Lond : 1901 : 201 :

خلاصة

يتضمن هذا البحث الوضع التصنيفي لمجموعة من الحشرات تدعى
الخنافس الارضية والتحت العائلة المسماة *Harpalinae* تعود هذه المجموعة
الى عائلة *Carabidae* ويشمل البحث الانواع الموجودة في العراق وأسماءها
المرادفة وتسلسلها حسب رقيها .

ان مجموعة هذه الحشرات تعتبر مفيدة في الحقل حيث تعمل كمفترسات
ليرقات حشرات ضارة جدا فهي تفترس كثير من يرقات الآفات النباتية وخاصة
يرقات مجموعة حرشفية الاجنحة وبذلك تعتبر أساساً في المكافحة البيولوجية .

الدكتور حسين عباس
جامعة البصرة

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