

Annotated List of the Family Lygaeidae Schilling, 1829 (Heteroptera) in Libya



Moftah Soliman El Meghrai

Department of Zoology, Faculty of Science, Benghazi University, Benghazi-Libya

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Abstract: In this study, subfamilies, genera, and species of Lygaeidae are given, accompanied by synonyms, local and general distribution. This study was carried out during the years 2007-2010 in the country of Libya. This study revealed the presence of 111 species in Libya under 52 genera to 8 subfamilies. 31 are recoded from Libya for the first time in the present study.

Keywords: Lygaeidae; Heteroptera; Libya; Synonyms; Local & General Distribution; Seed Bugs.

INTRODUCTION

The State of Libya is a country in the Maghreb region in North Africa, bordered by the Mediterranean Sea to the north, Egypt to the east, Sudan to the southeast, Chad to the south, the Niger to the southwest, Algeria to the west, and Tunisia to the northwest. The sovereign state consists of three historical regions: Tripolitania (west), Fezzan (East), and Cyrenica (East). With an area of almost 1.8 square kilometers, Libya is the fourth largest country in Africa.

The family Lygaeidae Schilling (Heteroptera) of Libya is still incompletely known. The earliest work on Libyan Lygaeidae is probably that of (Zavattari, 1934; Damiano 1960; Eckerlein & Wagner, 1969; Linnavuori, 1969)

This family is a large and well-known group of the order Hemiptera-Heteroptera, & easily recognized by 4-segmented antennae; located below a line drawn through the middle of the eye, 4-segmented rostrum, forewing with 4 or 5 veins in membrane, female ovipositor usually lacinate, spermatheca usually with distinct bulb and flange. They are often referred to as Seed bugs.

MATERIALS AND METHODS

Lygaeid specimens were either hand-collected or by using a sweeping net or sheet-screen while resting on the host plants. Collected specimens were killed by ethyl alcohol, Mounted, and stored. The taxonomic study of the family Pentatomidae was carried out in two steps:-

1-examining the specimens collected during the present work as well as the specimens kept in the main Egyptian reference collections.

2-Identification of specimens was made by the authors based on the relevant literature such as Stichel (1960, 1961), Baranowski, (1990), Harrington (1980), Malipatil (1978), Ashlock (1967), Slater (1985, 1992), Goss (1965), Gross & Scudder (1963), Scudder (1962c).

RESULTS

SUBFAMILY: Blissinae

Genus: *Geoblissus* Hidaka, 1959

Type species: *Geoblissus rotundatus* Hidaka, 1959.

**Dimorphopterus brachypterus* (Rambur,

*Corresponding Author: Moftah Soliman El Meghrai elmitsalis@gmail.com, Department of Zoology, Faculty of Science, Benghazi University, Benghazi-Libya

1839).

Synonym: *Pachymerus brachypterus* Rambur, 1839.

Distribution in Libya: Jagbob, Misrata.

General Distribution: France, Japan, Algeria, Cyprus, Egypt, Ethiopia, Sudan, Italy, Spain, Tunisia, Turkey, China, Saudi Arabia, Yemen, India, Chad.

Remarks: *Dimorphopterus brachypterus* (Rambur, 1839) was listed as *Stenoblissus curtulus* (Dhrn, 1860) by Wagner & Slater, 1964.

****Geoblissus hirtulus* (Burmeister, 1835)**

Synonym: *Geoblissus rotundatus* Hidka, 1959

Distribution in Libya: Jagbob, Misrata, Benghazi.

General Distribution: Algeria, Cyprus, Egypt, Ethiopia, Sudan, Libya, Spain, Tunisia, Japan, Turkey, Egypt, China, Yemen, Borneo, India, Chad, Ethiopia, and Sudan.

SUBFAMILY: Lygaeinae

Genus: *Apterola* Mulsant & Rey, 1866

Type species: *Apterola kuenckeli* M & R, 1866.

****Apterola (Apterola) kuenckeli* M& R, 1866**

Synonym: *Apterola gridellii* Mancini, 1942
Boll. Soc. ent. Ital. 92-93.

Distribution in Libya: Cyrenica (Mancini, 1942a)

General Distribution: France, Iberian Pen., Italy, Malta, Sardinia, Sicily, Spain, Algeria, Morocco, Tunisia, and Libya.

Remarks: In Libya (as synonym *Apterola gridellii* Mancini, 1942).

****Apterola (A) k. kuenckeli* M& R, 1866**

Synonym: *Apterola gridellii* Mancini, 1942:
Boll. Soc. ent. Ital. 92-93.

Distribution in Libya: El Merj.

General Distribution: Bulgaria, France, Great Britain, Italy, Malta, Macedonia, Spain, Tunisia, Morocco, Libya, Egypt, and Algeria.

Genus: *Cosmopleurus* Stal, 1872.

Type species: *Lygaeus fulvipes* Dallas 1852.

***Cosmopleurus fulvipes* (Dallas, 1852)**

Synonym: *Lygaeus fulvipes* Dallas, 1852. List. Hem. B. M. 2:536

Distribution in Libya: Fezzan: Wadan, Jerma, El Khomos, Jebel Soda, El Kufra, Houn(Mancini, 1936), Gateron, Ghat, Wadi Iseien, Wadi Tanezzuft, Jebel El Wuenat (Mancini, 1935, 1936a, 1940).

General Distribution: Spain, Croatia, Malta, Algeria, Egypt, Libya, Morocco, Tunisia, Iran, Jordan, Saudi Arabia, Syria, Yemen, Pakistan, and Mauritania.

****Cosmopleurus fulvipes* (Dallas, 1852)**

Synonym: *Lygaeus degeni* Distant, 1918: Ann. Mag. Nat. Hist. (9): 2: 257.

Distribution in Libya: Fezzan, Murzak, Kufra, Obari.

General Distribution: Western Africa, Algeria, Saudi Arabia, Cape Verde, Egypt, Morocco, Iran, Sudan, Syria, and Libya.

Genus: *Lygaeus* Fabricius, 1794

Type species: *Cimex equestris* Linnaeus 1758

***Lygaeus creticus* Lucas, 1853**

Synonym: *Lygaeus sexmaculatus* Garbiglietti, 1869, Boll. Soc. ent. Ital. 1:41-112.

Distribution in Libya: Derna (Mancini, 1854)

General Distribution: Libya, Greece, Italy, Saudi Arabia, Afghanistan, Turkey, Cyprus, Iran, Syria, Bosnia, Croatia, Macedonia, Jordan, and Lebanon.

Genus: *Hormopleurus* Horvath, 1884

Type species: *Hormopleurus nysioides* Horvath, 1884

***Hormopleurus nysioides* Horvath, 1884**

Synonym: *Lygaeosoma hoggari* Bergevin, 1932 Bull. Soc. Hist. nat. Afr. N. 286-287

Distribution in Libya: Fezzan: Tin Caraden, Bir Tahala (Mancini, 1942a).

General Distribution: Syria, Algeria, Libya, Egypt, Morocco, Iraq, Saudi Arabia, Yemen, Ivory Coast, and Sudan.

Genus *Horvathiolus* Josifov, 1965

Type species *Horvathiolus adonis* Linn, 1978.

***Horvathiolus fulvescens* (Puton, 1874)**

Synonym: *Melanocoryphus fulvescens* Puton, 1874 Pet. Nouv. Ent. 6: 112: 452

Distribution in Libya: Al-Bayda, Jebel Akhdar, Messa (Eckerlein & Wagner, 1969).

General Distribution: Spain, Algeria, Turkey, Italy, Tunisia, and Libya.

***Horvathiolus guttatus* (Rambur, 1839)**

Lygaeus guttatus Rambur. 1839 Faun. Andalus, pp. 155-156

Distribution in Libya: Cyrenica (Eckerlien and Wagner, 1969).

General Distribution: France, Portugal, Spain, Algeria, Egypt, Morocco, Tunisia, and Libya.

****Horvathiolus guttatus guttatus* (Ram, 1839)**

Synonym: *Melanocoryphus persimilis* Horvath, 1916: Ann. Mus. Nat. Hung. 14: 466

Distribution in Libya: El Mej, Gubba

General distribution: Albania, Russia, Cyprus, Portugal, Russia, Caucasus, Algeria, Morocco, Turkey, Tunisia, Spain, and Libya.

Remarks: *Horvathiolus guttatus guttatus* (Ram, 1839) was listed as *Melanocoryphus persimilis* Horvath by Zavattari (1934), & Linnavuori (1965), and Eckerlen & Wagner 1969 as *Horvathiolus persimilis* Horvath, 1916, listed as synonym by Vidal 1952.

Genus: *Melanocoryphus* Stal

Type Species *Cimex apuanus* Ross, 1794

***Melanocoryphus albomaculatus* (Goeze, 1778)**

Synonym: *Cimex albomaculatus* Goeze, 1778. Reuter. Rev.d Ent, 4:202

Distribution in Libya: El Merj (Mancini 1942a).

General Distribution: Holland, Turkey, France, Germany, Romania, Russia, Iran, Italy, and Libya.

****Melanocoryphus albomaculatus albomaculatus* Goeze, 1778**

Synonym: *Cimex apuanus* Rossi, 1794

Distribution in Libya: El Merj, Al-Bayda, and Gubba.

General Distribution: England, Brazil, Turkestan, Caucasus, Astrakhan, Albania, Austria, Belgium, Iran, Czechoslovakia, France, Germany, Greece, Holland, Hungary, Iraq, Italy, Poland, Portugal, Romania, Russia, Spain, Switzerland, Yugoslavia, Algeria, Libya, Turkey, Tadzhikistan, Bosnia, Bulgaria, Croatia, Slovakia, Slovenia, Ukraine, Morocco, Tunisia, Azerbaijan, Kazakhstan, Armenia, Kirgizia, Turkmenistan, and Uzbekistan.

Genus: *Spilostethus* Stal, 1868

Type species: *Cimex militaris* Fabricius 1775.

***Spilostethus pandurus* Scopoli, 1763**

Synonym: *Cimex pandurus* (Scopoli, 1763), Ent. Carn. Exhib. Ins. Carniol. N.363:126.

Distribution in Libya: Jagbob, Tobruk, Al-Bayda, Benghazi, Zuara, Tripoli, El Homs, Sebha, Misrata, Tajora.

General Distribution: Albania, Andorra, Austria, Bosnia, Bulgaria, Croatia, Czech, Iran, Turkey, France, India, Greece, Hungary, Italy, Macedonia, Malta, Moldavia, Portugal, Spain, Syria, Romania, Russia, Slovakia, Slovenia, Switzerland, Ukraine, Algeria, Egypt, Libya, Morocco, Tunisia, Cyprus, Yemen, China, Armenia, Azerbaijan, Afghanistan, Kuwait, Iraq, Jordan, Turkmenistan, Uzbekistan, Australia, and Philippines.

****Spilostethus (pandurus) pandurus* (Scopoli, 1763)**

Synonym: *Cimex civilis* Fabricius, 1787: Mant. Ins. II: 298 (O.D.)

Distribution in Libya: Tobruk, Al-Bayda, Benghazi, and Zoura.

General Distribution: Albania, Austria, Bulgaria, Corsica, Cyprus, Czech, France, Germany, Greece, Iran, Hungary, Italy, Portugal, Russia, Sardinia, Spain, Switzerland, Algeria, Egypt, Morocco, Nigeria, Senegal, Sierra Leone, Sudan, Kenya, Arabia, Iraq, India, Syria, Turkey, and Australia.

***Spilostethus (pandurus) militaris* (Fabricius, 1775)**

Synonym: *Lygaeus militaris* (Fab, 1775)

Distribution in Libya: El Khomos, El Bordy, and Jagbob.

General Distribution: Albania, Austria, Belgium, Bulgaria, Corsica, Cyprus, France, Czechoslovakia, Germany, Greece, Italy, Majorca, Malta, Portugal, Romania, Russia, Italy, Spain, Switzerland, Algeria, Egypt, Ethiopia, Morocco, Indonesia, Iran, Mozambique, Senegal, Sierra Leone, Sudan, Tunisia, Australia, India, Iraq, Syria, Turkey, and Libya.

***Spilostethus saxatilis* (Scopoli, 1763)**

Synonym: *Cimex saxatilis* Scopoli, 1763. Ent. Carn. Exhib. Ins. Carniol., 128:371

Distribution in Libya: Khomos (Mancini 1936).
General Distribution: Albania, Austria, Bulgaria, Croatia, Czech Republic, France, Italy, Germany, Greece, Hungary, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Switzerland, Turkey, Ukraine, Spain, Slovenia, and Libya.

***Spilostethus saxatilis lusitanicus* (Herrich-Schaeffer, 1850)**

Synonym: *Lygaeus saxatilis* (Scop, 1794)

Distribution in Libya: El Khomos.

General Distribution: France, Portugal, Spain, Algeria, Egypt, Morocco, and Libya.

***Spilostethus longulus* (Dall, 1852)**

Synonym: *Lygaeus longulus* Dallas, 1852.

Distribution in Libya: Fezzan, Wadan, Jerma, El Khomos, Jebel Soda, El Kufra, Huon, Gateron, Ghat, Wadi Tanezzuft, Wadi, Iseien, Jebel El Wuenat.

General Distribution: Sudan, Eritrea, Ethiopia, Nigeria, Algeria, Egypt, Arabia, Iran, India, Tunisia, Morocco, Afghanistan, Jordan, Syria, Kuwait, Yemen, and Libya.

Genus: *Paranysius* Horvath, 1895

Type species: *Paranysius fraterculus* Hor, 1895

***Paranysius fallaciosus* (Put 1895)**

Synonym: *Paranysius fallaciosus libycus* Mancini, 1935: Bull. Soc. Ent. Ital. 67: 79-80

Distribution in Libya: Fezzan, Obari, Wadi Iseil (Mancini, 1936, 1942).

General Distribution: Algeria, Libya, Morocco, Tunisia, and Sudan.

Genus: *Caenocoris* Fieber, 1860

Type species: *Lygaeus nerii* Germar, 1847

***Caenocoris nerii* (Germer, 1847)**

Synonym: *Lygaeus semirubes* Walker, 1872: Cat. Hem. Het. B. M. 5: 58

Distribution in Libya: Gharyian (Menozzi 1940), Derna (Mancini, 1942), and Jagbob.

General distribution: Albania, Bulgaria, Cyprus, Russia, Italy, Eritrea, Ethiopia, Mozambique, China, Syria, Algeria, Malta, Tunisia, Morocco, Turkey, India, Pakistan, Jordan, Saudi Arabia, and Libya.

Genus: *Horvathiolus* Josifov, 1965

Type species: *Horvathiolus amoenulus* (Gerstaecker, 1873)

***Horvathiolus fulvescens* (Puton, 1874)**

Synonym: *Melanocoryphus fulvescens* Puton, 1874: Pet. Nouv. Ent. 6: 112: 452

Distribution in Libya: Al-Bayda, Jebel Akhder, and Messa.

General Distribution: Italy, Spain, Algeria, Turkey, Tunisia, and Libya.

***Horvathiolus guttatus* (Rambur, 1842)**

Synonym: *Melanocoryphus persimilis* Horvath, 1916

Distribution in Libya: El Merj.

General Distribution: France, Portugal, Spain, Algeria, Egypt, Morocco, Tunisia, and Libya.

****Horvathiolus guttatus guttatus* (Rambur, 1839)**

Synonym: *Melanocoryphus atakoricus* Bergevin, E. 1932. Bull. Soc. Hist. nat. Afr. Nord. 23: 281-283.

Distribution in Libya: Derna, El Marj, and Gubba.

General Distribution: Albania, Cyprus, Algeria, Spain, Russia, Morocco, Caucasus, Tunisia, and Libya.

***Horvathiolus superbus* (Polich, 1781)**

Synonym: *Cimex superbus* Pollich, 1781

Distribution in Libya: El Bakour 60Km east of Benghazi (El Meghrab.M.S.2001).

General Distribution: Albania, Andora, Austria, Belgium, Bosnia, Bulgaria, Canary Isles, and Croatia.

***Horvathiolus superbus superbus* (Pollich, 1783)**

Synonym: *Cimex discolor* Pollich, 1790 Gmelin.

Carol. Linn. Syst. Nat. 13th Ed.

Distribution in Libya: El Bakour 60Km east of Benghazi.

General Distribution: Egypt, Syria, Albania, Austria, Belgium, Bulgaria, Czechoslovakia, France, Germany, Greece, Italy, Poland, Portugal, Russia, Spain, Algeria, Libya, Morocco, and Switzerland.

SUBFAMILY: Pachygronthinae

Genus: *Cymophyes* Fieber, 1870

Type species: *Cymophyes ochroleuca* Fieb, 1870.

***Cymophyes ochroleuca* Fieber, 1870**

Synonym: *Cymophyes* (*C*) *ochroleuca* Fieber, 1870: Verh. Zool. Bot. Ges. Wien. 20: 247-8

Distribution in Libya: Cyrenica (de Bergevin, 1930).

General Distribution: Cyprus, Greece, Russia, Egypt, Caucasus, Syria, Turkey, Turkestan, Iran, and Libya.

SUBFAMILY: Rhyparochromiaae

Genus: *Gastrodes* Westwood, 1840

Type Species: *Gastrodes* (*Orsillodes*) *longirostris* Puton, 1884.

***Gastrodes* (*Orsillodes*) *longirostris* Puton, 1884**

Synonym: *Gastrodes* (*Orsillodes*) *longirostris* Puton, 1884: a pp. 143-4.

Genus: *Hyalochilus* Fieber, 1861

Type species: *Cymus ovatulus* Costa, A.1855

***Hyalochilus ovatulus* (Costa, 1855)**

Synonym: *Hyalochilus cordiger* Fieber, 1861: Wien: Gerold vi, Eur. Hem. p. 190.

Distribution in Libya: Wadi Belgader (Mancini, 1942a).

General Distribution: Tunisia, Morocco, France, Turkestan, Canary Isles, Greece, Italy, Malta, Spain, Portugal, Russia, Algeria, and Libya.

Genus: *Camptocera* Jakovlev, 1877

Type species: *Rhyparochromus glaberrimus* (Walker, 1872).

***Camptocera glaberrima* (Walker, 1872)**

Synonym: *Tropistethus aurantiacus* Distant, 1918: Fn. Brit. Ind. Rhynch. 7: 197

Distribution in Libya: Fezzan, Ghat, (Mancini, 1942), El Khomos (Linnavuori, 1965).

General Distribution: Italy, France, Russia, Spain, Algeria, Egypt, Syria, Turkestan, Iran, Morocco, Caucasus, Turkey, Eritrea, Sudan, India, and Libya.

Genus: *Rhyparochromus* Hahn, 1826

Type species: *Rhyparochromus pini* (L, 1758)

***Rhyparochromus* (*Microtomideus*) *carbonarius*] (Rambur, 1839)**

Synonym: *Pachymerus* (*Microtomideus*) *dasyncnemis* Reuter, 1885: Rev. d'Ent., Caen. 4: 221, 223.

Distribution in Libya: El Merj (Mancini 1942a)

General Distribution: Germany, Italy, Spain, Algeria, Morocco, and Libya.

****Rhyparochromus* (*Xanthochilus*) *saturnius* Rossi, 1790**

Synonym: *Pachymerus rhombeus* Fieber, 1837: Beitr. Ges. Natur- Heilwissen.1: 346.

Distribution in Libya: Benghazi.

General Distribution: Bulgaria, Corfu, Corsica, Crimea, France, Germany, Greece, Italy, Malta, Portugal, Russia, Spain, Algeria, Canary Isles., Egypt, Morocco, Tunisia, Caucasus, Syria, and Libya.

Genus: Remaudiereana Hoberlandt, 1954

Type species: *Remaudiereana tibialis* Hoberlandt, L. 1954: Bull. Inst. franc. Afr. Noire. 16: 922-4

Remaudiereana annulipes (Baerensprung, 1859)

Synonym: *Remaudiereana africana* Hoberlandt, 1954: Bull. Inst. Franc. Afr. Noire 16: 925-6
Distribution in Libya: Benghazi (Mancini, 1942a), El Merj (Linnavuori, 1965).
General Distribution: Burma, Ceylon, Egypt, India, Japan, Sudan, France, Portugal, Libya, Algeria, Morocco, Ethiopia, Iran.

Genus Proderus Fieber, 1861

Type species: *Pachymerus suberythropus*, Costa, A.: 1841.

Proderus amabilis Puton, 1873

Synonym: *Stenocarenus vulsus* Jakovlev, 1876: Trud. Ent. Ross. 9: 223.
Distribution in Libya: Fezzan: Fewat (Mancini 1942a).
General Distribution: Algeria and Libya.

Genus: Acompus Fieber, 1860

Type species *Acompus rufipes* (Wolff, 1802)

Acompus rufipes nigrescens Bergevin, 1930

Synonym: *Lygaeus rufipes* Wolff, 1804: Icon. Cimic. Desc. Illust. 4: 151, IV. Palm, Erlangae, pp. 127-166.

Distribution in Libya: Cyrenica (de Bergevin, 1930 & Zavattari, 1934).

General Distribution: Austria, Belarus, Belgium, Bosnia, Bulgaria, England, Croatia, Russia, Czech Republic, and Libya.

Genus: Aphanus Laporte & de Castelnau, 1832

Type species: *Aphanus rolandri* Linn, 1758.

Aphanus aethiops (Douglas & Scott, 1868)

Synonym: *Pachymerus rolandri* variety morio Gradl, 1881: Ent. Nach. Machr. 7: 308-9

Distribution in Libya: Magrun 90Km West of Benghazi (Mancini, 1942a).

General Distribution: Austria, Cyprus, Czechoslovakia, France, Germany, Greece, Italy, Egypt, Iran, Jordan, Syria, Turkey, and Libya.

Genus: Dieuches Dohrn, 1860

Type species: *Dieuches syriacus* Dohrn Dohrn, F.A. 1860. Stettin Ent. Zeit. 21:99-109

Dieuches mucronatus (Stal, 1865)

Synonym: *Dieuches pallidulus* Distant, 1904: Distant: Fn. Brit. Ind. Rhynch. 2: 85.
Distribution in Libya: Tripolitania (El Brakat), Fezzan (Ghat, Tin Alcun) (Mancini, 1942a)
General Distribution: India, Arabia, Egypt, Cape Verde Is., Nubia Is., Uganda, and Libya.

Genus: Neurocladus Fieber, 1860

Type species: *Rhyparochromus brachiidens* Dufour, L. 1851

Neurocladus brachiidens (Dufour, 1851)

Synonym: *Neurocladus ater* Fieber, 1861.
Distribution in Libya: Benghazi (Mancini, 1936), El Abiar (Mancini, 1942a).
General Distribution: Bulgaria, Cyprus, France, Greece, Italy, Portugal, Romania, Russia, Spain, Algeria, Canary Isles., Libya, Madeira, Morocco, Tunisia, Caucasus, Iran, Syria, Turkestan, and Turkey.

Genus: Gonianotus Fieber, 1861

Type species: *Gonianotus marginepunctatus* (Wolff, 1802): Icon. Cimic. 4: 150.

Gonianotus marginepunctatus (Wolff, 1804)

Synonym: *Lygaeus marginepunctatus* Wolff, 1804: Icon. Cimic. 4: 150.
Distribution in Libya: Tripolitan, ElAzizia
General Distribution: Austria, Belarus, Belgium, Bosnia, Bulgaria, Russia, and the Czech Republic.

SUBFAMILY: ORSILLINAE

Genus: Camptocoris Putom, 1886

Type species: *Camptocoris maculatus* Jakovlev 1885.

Camptocoris longicoris (Putom, 1874)

Synonym: *Nysius longicoris* Putom, 1874.

Distribution in Libya: Tripolitan (Leptis Magna).

General Distribution: Italy, Turkey, Syria, Palestine, and Libya.

Genus: *Orsillus* Dallas, 1852

Type species: *Orsillus depressus* Dallas, W.S., 1952.

***Orsillus maculatus* (Fieber, 1861)**

Synonym: *Orsillus longirostris* Mulsant & Rey, 1870: Opusc. Ent. 14: 232

Distribution in Libya: Wadi El Cuf (Mancini, 1942a).

General Distribution: Albania, Bosnia, Bugaria, Croatia, Czech Republic, France, Italy, Greece, Macedonia, Russia, Slovenia, Spain, Ukraine, Azerbaijan, Turkey, Cyprus, Georgia, Jordan, Algeria, and Libya.

*** *Orsillus maculatus maculatus* (Fieber, 1861)**

Synonym: *Orsillus longirostris* Mulsant & Rey, 1870: Opusc. Ent. 14: 232

Distribution in Libya: Al-Bayda.

General Distribution: Albania, Austria, France, Greece, Italy, Russia, Spain, Algeria and Libya.

***Orsillus depressus* Dallas, 1852**

Synonym: *Heterogaster depressus* Mulsant & Rey, 1852: Ann. Soc. linn. Lyon 1850-52: 112-113.

Distribution in Libya: El Merj (Linnavuori, 1965).

General Distribution: Iran, France, Germany, Hungary, Italy, Portugal, Russia, Spain, Iran, Switzerland, Morocco, Tunisia, Turkey, Albania, Austria, Belgium, Bosnia, Bulgaria, Croatia, Czech Republic, England, Greece, Liechtenstein, Luxembourg, Macedonia, Armenia, Romania, Slovakia, Slovenia, Ukraine, Algeria, Azerbaijan, Kazakhstan, Tadzhikistan, Turkmenistan, Uzbekistan Netherlands, and Libya.

*** *Orsillus maculatus maculatus* (Fieber, 1861)**

Synonym: *Orsillus longirostris* Mulsant & Rey, 1870: Opusc. Ent. 14: 232

Distribution in Libya: El Mej.

General Distribution: Albania, Austria, France, Greece, Italy, Russia, Spain, Yugoslavia, And Libya.

Genus: *Nysius* Dallas 1852

Type species: *Lygaeus thmi* Wolff, 1804.

***Nysius (Nysius) ericae* (Schilling, 1829)**

Synonym: *Heterogaster ericae* Schilling: Beit. Z.Ent, 1-86.

Distribution in Libya: El Khomos (Mancini, 1942a)

General Distribution: Austria, Belgium, Bosnia, Bulgaria, Eglan, Russia, Croatia, and Libya.

***Nysius ericae ericae* (Schilling, 1829)**

Synonym: *Nysius albidus* Jakovlev, 1867:

Distribution in Libya: Tripoli

General Distribution: Egypt, Senegal, Astrakhan, Turkestan, USA, Mexico, Panama, Puerto Rico, China, Iran, Austria, Belgium, Iraq, Czech Republic, England, France, Germany, Hungary, Poland, Armenia, Portugal, Romania, Russia, Spain, Sweden, Arabia, Switzerland, Yugoslavia, Algeria, Mongolia, Bulgaria, Croatia, Greece, Slovakia, Ukraine, Morocco, Tunisia, Yemen, Turkey, Taiwan, Armenia, and Libya.

***Nysius (Macroparius) cymoides* (Spinola, 1837)**

Synonym: *Arthenesis cymoides* Spinola, 1837: Essai, Gen. Ins.Hem:252

Distribution in Libya: Sahabi, Gialo, El Kufa (Zavattari, 1934).

General Distribution: Russia, Turkey, Spain, Sudan, and Libya.

****Nysius senecionis senecionis* (Schilling, 1829)**

Synonym: *Nysius senecionis aegypticus* Priesner & Alfieri, 1953:Bull.Soc.Fouad. Ent.37:43.

Distribution in Libya: Ajdabiya (de Bergevin, 1932).

General Distribution: Sudan, Syria, Albania, Austria, Belgium, Bulgaria, Mongolia, France,

Germany, Greece, Hungary, Italy, Poland, Portugal, Egypt, Armenia, Croatia, Romania, Russia, Spain, Switzerland, Algeria, Yemen, Morocco, China, Turkey, Denmark, England, Netherland, Slovakia, Slovenia, Ukraine, Tunisia, Kazakhstan, Turkmenistan, Uzbekistan, Czech Republic, Saudi Arabia and Libya.

***Nysius immunis (Walker, 1872)**

Synonym: *Nysius stalianus* Horvath, 1890.

Distribution in Libya: El Bieda

General Distribution: France, Greece, Italy, Algeria, Morocco, Turkey, Canary Isles, Croatia, France, Italy, Portugal, Britain, Spain, Switzerland, Algeria, Morocco, Tunisia, Turkey, and Libya.

Remarks: species *Nysius (Tropinysius) stalianus* (Walker, 1872) was synonymized as species *Nysius immunis* (Walker, 1872).

SUBFAMILY: Geocorinae

Genus Geocoris Fallen, 1814

Type Species *Cimex grylloides* Linnaeus, 1761,

***Geocoris (Eillatus) confalonierii* de Bergvin, (1932)**

Synonym: *Geocoris massoni* Villiers, 1956: Villiers, A. 1956. Bull. Inst. franc. Afr. N. Noire 18: 840-841.

Distribution in Libya: El Kufra, Bezema (Mancini, 1940).

General Distribution: Mauritania, Algeria, Egypt, Sudan, and Libya.

***Geocoris (Geocoris) acuticeps* Signoret, 1881**

Synonym: *Geocoris acuticeps falsatus* Montandon, 1916: Bull. Soc. Ent. Egypt 4: 50

Distribution in Libya: Fezzan: Murzuk (Mancini, 1942a).

General Distribution: Greece, Malta, Egypt, Iran, Iraq, Saudi Arabia, Uzbekistan, Turkmenistan, Tadzhikistan, Yemen, Sudan, Kuwait, Syria, and Libya.

***Geocoris (Geocoris) lineolus* (Rambur, 1839)**

Synonym: *Geocoris* lineola Ramur, Linnavouri 1978: Acta.Zoo.Fenn.153:60.

Distribution in Libya: Tripolitania: Leptis Magna, Misrata (Mancini, 1936).

General distribution: Europe and Africa.

****Geocoris (Geocoris) lineolus lineolus* (Rambur, 1839)**

Synonym: *Geocoris erythrophthalmus* Reuter.: Ofvers. Finsk: Ofv. Finsk. Vet. Soc. Forh. 22: 9

Distribution in Libya: Benghazi.

General Distribution: Turkey; Corsica, Russia, Caucasus, France, Greece, Italy, Portugal, Spain, Algeria, Canary Isles., Egypt, Tunisia, Morocco, Iran, Syria, Saudi Arabia, Turkey, Iraq, Cyprus, Albania, Bosnia, Bulgaria, Yemen, and Libya.

***Geocoris nigriceps* Reuter, 1891**

Synonym: *Geocoris nigriceps* Reuter, 1891.

Distribution in Libya: Fezzan: Sebha, Ain Kirim, Tripolitania: Misrata, El Homos (Mancini, 1936), Kufra (Mancini, 1940).

General Distribution: Egypt, and Libya.

***Geocoris nigriceps henoni* Puton, 1892**

Synonym: *Geocoris nigriceps henoni* Puton, 1892.

Distribution in Libya: Fezzan: Sebha, Ain Kirim, Tripolitania: Misrata, El Homos (Mancini, 1936), Kufra (Mancini, 1940).

General Distribution: Palestine, Egypt, and Libya.

****Geocoris (Geocoris) erythropros* (Dufour, 1857)**

Remarks: Species *Geocoris scutellaris* Puton, 1886 was synonymized as species *Geocoris erythropros* (Dufour, 1857).

Distribution in Libya: El Kufra, El Giof, El Giululad, Bir El Achuan, El Wenat, El Talab, Gialo, Wadi El Ghaza (Mancini,1940).

General Distribution: Algeria, Egypt, Tunisia, Kurdistan, Cape Verde Is, and Libya.

***Geocoris (Geocoris) megacephalus* (Rossi, 1790)**

Synonym: *Ophthalmicus phaeopterus* Germar, 1837: Silber. Rev. Ent. 5: 137

Distribution in Libya: Jagbob (de Bergevin, 1930).

General Distribution: Albania, Austria, Belgium, Bosnia, Bulgaria, Croatia, France, Syria

Germany, Greece, Hungary, Italy, Macedonia, Malta, Netherlands, Poland, Romania, Iraq, Russia, Slovenia, Spain, Algeria, Egypt, Iran, Morocco, Tunisia, Afghanistan, Azerbaijan, Uzbekistan, Armenia, Turkey, Cyprus, Jordan, and Libya.

***Geocoris (Geocoris) collaris* Puton, 1878**

Synonym: *Geocoris thoracicus* Puton, 1874: Pet. Nouv. Ent. 6: 452.

Distribution in Libya: Huon (Mancini, 1942, Gialo).

General Distribution: Algeria, Canary Isles, Iraq, Egypt, Morocco, Tunisia, Saudi Arabia, Somalia, Yemen, Ethiopia, Pakistan, and Libya.

****Geocoris (Piocoris) erythrocephalus erythrocephalus* (Lepelletier & Serville, 1825)**

Synonym: *Geocoris scutellaris* Puton, 1886.

Distribution in Libya: Sebha, El kufra.

General Distribution: Albania, Bulgaria, Corfu, Crimea, Cyprus, Czechoslovakia, France, Germany, Italy, Iraq, Greece, Hungary, Portugal, Romania, Russia, Spain, Algeria, Egypt, Morocco, Astrakhan, Caucasus, Lebanon, Syria, Turkestan, Turkey, and Libya.

***Geocoris (Piocoris) luridus* (Fieber, 1844).**

Synonym: *Ophthalmicus luridus* Fieber, 1844.

Distribution in Libya: El Kufra, Sebha, Ain Kirim, El Giof, El Giululad (Mancini, 1942), Jagbob (de Bergevin, 1930), Gialo, Augia, (de Bergevin, 1932).

General Distribution: Algeria, Egypt, Tunisia, Sudan, Saudi Arabia, and Libya.

****Geocoris (Piocoris) luridus luridus* (Fieber, 1844)**

Synonym: *Piocoris obesus* Stal, 1872.

Distribution in Libya: El Kufra, Sebha, Gialo.

General Distribution: Algeria; Egypt; Iraq, Turkmenstan, Tunisia, Sudan, Arabia, Caucasus, Iran, Syria, Turkestan, Turkey, Morocco, Tunisia, Uzbekistan, Azerbaijan,

Armenia, Georgia, Jordan Iran, Saudi Arabia, Tadzhi-kistan, Ethiopia, Yemen, Sudan, Turkmenistan, and Libya.

Genus: *Stenophthalmicus* Costa, 1875

Type species: *Stenophthalmicus fajoumensis* Costa, A., 1875.

***Stenophthalmicus fajoumensis* Costa, 1875**

Synonym:

Stenophthalmicus mixtus Montandon, 1897: Rev. d'Ent. 16: 98-99.

Distribution in Libya, Tajura, Zuara, Triploi.

General Distribution: Algeria, Egypt, Tunisia, Sudan, Cyprus, Greece, Italy, Spain, and Libya.

***Stenophthalmicus biskrensis* Puton, 1887.**

Synonym: *Stenophthalmicus biskrensis* Puton,

1887: Bull. Soc. Ent. Egypt. 4: 51

Distribution in Libya: Fezzan: Wadi Tanezzuft (Mancini, 1936a).

General Distribution: Algeria, Egypt, Tunisia, Turkestan, Mauritania, Somalia, Niger, Iran, Morocco, Turkmenistan, and Libya.

SUBFAMILY: Henestarinae

Genus: *Henestaris* Spinola, 1837

Type species: *Henestaris genei* Spinola, M.1837: Essai Gen. Hem. pp. 228-230.

*** *Henestaris laticeps laticeps* (Curtis, 1837)**

Synonym: *Henestaris curtulus* Horvath, 1911: Bull. Soc. ent. Egypt >> Note: Bull. Soc. Ent. Egypt 2: 106-7.

Remarks: species *Henestaris curtulus* Horvath, 1911 was synonymized a species *Henestaris laticeps laticeps* (Curtis, 1837).

Distribution in Libya: El Bordy (100Km east Tobruk).

General distribution: France, Algeria, Greece, Spain, Algeria, Egypt, Morocco, Austria, Belgium, Germany, Albania, Bulgaria, England, Croatia, Italy, Portugal, Turkey, Spain, and Libya.

Genus: *Engistus* Fieber, 1864

Type species: *Engistus brucki* Fieber.: 1864.
Wien. Ent. Mschr. Ent. Monat. 8: 67-8.

***Engistus boops* (Dufour, 1857)**

Synonym: *Engistus boops* (Dufour, 1857):
Ann. Ent. Soc. Fr. (3): 5: 70.

Distribution in Libya: Zuara, Tripoli (Linvouri, 1965).

General distribution: Greece, France, Portugal, Italy; Spain, Algeria, Morocco, Tunisia, Canary Isles., Cyprus, Egypt, and Libya.

****Engistus boops boops* (Dufour, 1857)**

Synonym: *Engistus brucki* Fieber, 1864 Fieber:
Wien. Ent. Mschr. Monat. 8: 68.

Distribution in Libya: Zuara, Tripoli, Benghazi.
General Distribution: Spain, Algeria, Portugal, Greece, France, Italy, Cyprus, Egypt, Morocco, Canary Isles., Tunisia, and Libya.

*** *Engistus exsanguis exsanguis* Stal, 1872**

Distribution in Libya: Jebel El Wenat.

General distribution: France, Astrakhan, Cabo Verde, Turkestan, Morocco, Tunisia, Iran, Spain, Turkey, Russia, Algeria, Egypt, Greece, Ukraine, Syria, Canary Isles, Afghanistan, Kazakhstan, Iraq, Armenia, Iraq, Jordan, Kirgizia, Kuwait, Saudi Arabia, Sudan, Turkmenistan, Uzbekistan, Tadjikistan, Pakistan, and Libya.

***Engistus exsanguis* (Stal, 1873)**

Synonym: *Engistus exsanguis* Stal, C. 1872.
Ofvers. Vetensk Akad. Forh, Stockh. >> Note:
Ofv. Vet. Akad. Forh. 29: 45.

Distribution in Libya: Jagbob Oasis El Wenat, Murzzuk (Mancini, 1935, 1940, 1942).

General Distribution: Turkestan, Kuwait, Iran, Eremian zone, Sudan, Pakistan, and Libya.

SUBFAMILY: Cyminae

Genus *Cymus* Hahn, 1831

Type species: *Lygaeus clavivulus* Fallen, 1807

***Cymus minutus* Lindbg, 1939**

Synonym: *Cymus minutus* Lindbg, 1939:Bull.
Soc. Fouad Ent. 22: 14-15.

Distribution in Libya: El Kufra, Benzema, El Giof (Mancini, 1940), Ghat (Mancini, 1942).

General Distribution: Egypt, Syria, Turkey, Saudi Arabia, Algeria, and Libya.

****Cymus gracilicornis* Vidal, 1940**

Synonym: *Cymus gracilicornis* Vidal,
1940:Bull. Soc. Hist. Nat. Afr. Nord 30: 442.

Distribution in Libya: El Kufra.

General Distribution: Canary Isles., Cape Verde Isles, Morocco, Sudan, Albania, Egypt, Tunisia, Turkey, Iraq, Saudi Arabia, Yemen, Iran, Libya.

SUBFAMILY: Heteogastrinae

Genus: *Heterogaaster* Schilling, 1829

Type species: *Cimex urticae* Fabricius,
J.C., 1775.

***Heterogaaster nasuta* Horvath, 1895**

Synonym: *Heterogaaster nasuta* Horvath, G.
1895. Rev. Ent., Caen. 14: 157-8

Distribution in Libya: Al-Bayda.

General Distribution: Algeria, Morocco, Tunisia, and Libya.

****Heterogaaster cathariae* (Geoffroy, 1785)**

Synonym: *Phygadeuonidae nepetae* Fieber, 1837: Beitr.
Ges. Natur.-Heil.-Wiss 1: 348

Distribution in Libya: Jebel Akhder.

General Distribution: Andorra, Austria, Bosnia, Bulgaria, Croatia, Romania, Germany, Italy, Czech Republic, France, Greece, Hungary, Moldavia, Russia, Switzerland, Slovakia, Spain, Ukraine, Yugoslavia, Algeria, Morocco, Azerbaijan, China, Kazakhstan, Armenia, Turkey, Cyprus, Georgia, Iran, Kirgizia, Tadjikistan, Uzbekistan, Turkmenistan, and Libya.

Genus: *Platyplax* Fieber, 180

Type species: *Heterogaaster salviae* Schilling,
1829

***Platyplax inermis* (Rambur, 1839)**

Synonym: *Heterogaaster salviae* Schilling,
1829.

Distribution in Libya: El Merj.

General Distribution: Albania, Bosnia, Hercegovina, Croatia, France, Greece, Macedonia, Italy, Portugal, Spain, Algeria, Canary Isles, Yemen, Ethiopia, Tunisia, Cyprus, Turkey, Morocco, Tunisia, and Libya.

SUBFAMILY: Oxycarninae

Genus: *Oxycarenum* Fieber, 1860

Type species: *Stenogaster tardus* Hahn (= *Oxycarenum lavaterae*), 1883.

Oxycarenum hyalinipennis (A. Costa, 1847)

Aphanus hyalinipennis A. Costa, 1843: Att. R. Ist. Sci. Nat. Napol. 7: 184-185.

Distribution in Libya: Cyrenica (1942a).

General Distribution: Bosnia and Hercegovina, Bulgaria, Croatia, France, Greece, Italy, Portugal, Spain, Albania, and Libya.

**Oxycarenum (Oxycarenum) hyalinipennis* (Costa, 1847)

Synonym: *Oxycarenum castaneus* Bergevin, 1932 Bull. Soc. Hist. nat. Afr. N.

Distribution in Libya: El Merj.

General Distribution: Argentina, Bolivia, Brazil Paraguay, Tunisia, Angola, Austria, France, Italy, Greece, Hungary, Italy, Portugal, Russia, Spain, Algeria, Egypt, Morocco, Sudan, Ethiopia, Iraq, Congo, Ethiopia, Kenya, Madagascar, Syria, Mauritania, Mozambique, Rwanda, Sengal, Uganda, Burma, China, India, Iran, and Libya.

Oxycarenum pallens (Herrich-Schaeffer & G.H.W., 1850)

Synonym: *Stenogaster pallens* Herrich-Schaeffer, 1850: Wanz. Ins. 9: 214-216.

Distribution in Libya: Jebel Nefousa.

General distribution: Holomediterranean, extending to Middle and Central Asia, India, Sudan, Turkestan, and Libya.

Genus: *Bycanistellus* Reuter, 1890

Type species: *Bycanistes naso* Stal, C. 1872: Ofv. Vet. Akad. Forh. 29: 50.

Bycanistellus naso (Stal, 1872)

Bycanistellus naso (Stal, 1872): Ofv. Vet.

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Akad. Forh. 29: 50.

Distribution in Libya: Tobruk, and El Khomos. General Algeria, Egypt, Morocco, Tunisia, and Libya.

Genus: *Leptodemus* Reuter, 1900

Type species: *Leptodemus minutus* variety *pallidula* Reuter, O.M, 1900.

Leptodemus bicolor Lindberg, 1924

Synonym: *Cyproplax avenae* Lindberg, 194 Comment. Biol. 10: 7: 68, 69, 167.

Distribution in Libya: Jebel Nefousa, Gharyian. General distribution: Greece, Italy, Egypt, Iran, Greece, Italy, Egypt, Cyprus, Tadjhikistan, Iran, Turkmenistan, Kirgizia, Uzbekistan, Iraq, Libya.

Leptodemus bicolor ventralis Schmidt, 1939

Leptodemus bicolor variety *ventralis* Bull. Soc. Fouad Ent. 23: 20-21.

Distribution in Libya: Jebel Nefousa, Gharyian. General Distribution: Egypt, and Libya.

Leptodemus minutus (Jakovlev, 1876)

Synonym: *Leptodemus scorteccii* Mancini, 1936 Att. Soc. Ital. Sci. Nat. 75: 303-304

Distribution in Libya: El Khomos (Mancini, 1936), Kufra-Benezema, Giadi, Haufun, kufra-l Tag, Bir El Harraso, El Weinat-Ain Murr, Ain Doua (Mancini, 1940), Gialo (deBergreven, 1932). Benghazi, Gialo (Zavattari, 1934).

General Distribution: Algeria, Turkey, Saudi Arabia, Morocco, Tunisia, Afghanistan, Iran, Egypt, Jordan, Kirgizia, Kuwait, Mongolia, Iraq, Canary Isles, Cyprus, Turkey, Kazakhstan, Saudi Arabia, Azerbaijan, Tadjhikistan, Turkmenistan, Iraq, Syria, Yemen, Uzbekistan, and Libya.

Remarks *Leptodemus scorteccii* Mancini, 1936.

Synonym: of *Leptodemus minutus* (Jakovlev, 1876).

**Leptodemus minutus minutus* (Jakovlev, 1876).

Synonym: *Leptodemus scortecii* Mancini, 1936: Att. Soc. Ital. Sci. Nat. 75: 303-304
Distribution in Libya: Benghazi, and Gialo.
General Distribution: Cyprus, Russia, Algeria, Egypt, Morocco, Mauritania, Astrakhan, Caucasus, Turkestan, Turkey, and Libya.

Genus: *Microplax* Fieber, 1860

Type species: *Oxycarenum plagiatus* Fieber, F.X., 1860.

***Microplax plagiatus* (Fieber, 1837)**

Synonym: *Microplax plagiatus* (Fieber, 1837) Beitr. Ges. Nat. Heilwiss. p. 342.
Distribution in Libya: Jebel Nefousa, Ghryian, Azizia, Gaser El Garabulli, Misrata (Mancini, 1936).
General Distribution: Portugal, Italy, Algeria, Morocco, Tunisia, and Libya.

SUBFAMILY: Aphaninae

Genus: *Megalonotus* Fieber, 1860

Type species: *Lygaeus chiragra* Fabric 1794. (= *Megalonotus chiragrus chiragrus*)

***Megalonotus puncticollis* (Luc, 1849)**

Synonym: *Megalonotus praetextatus* (Herrich-Schäffer, 1850): Wanz. Ins. 4: 12-13.
Distribution in Libya: Khomos (Mancini, 193)
General Distribution: Algeria; Canary Isles, Morocco, Caucasus, Tunisia, Syria, Spain, France, Greece, Italy, and Libya.

****Megalonotus (Megalonotus) puncticollis puncticollis* (Lucas, 1849)**

Synonym: *Rhyparochromus luctuosus* Lucas, 1849: Expl. Alger. Zool. 3: 3: 77.
Distribution in Libya: Gharyian
General distribution: Albania, France, Italy, Greece, Italy, Russia, Spain, Yugoslavia, Algeria, Canary Isles, Morocco, Caucasus, Tunisia, Syria, and Libya.

Genus *Aellopus* Wolf, 1811

Type species: *Cimex atratus* Goeze, 1778.

***Aellopus atratus* (Gz, 1778)**

Synonym *Cimex atratus* (Goeze, 1778) Ent.

Beytr. Ritter Linne 2: 268.

Distribution in Libya: Cyrenica (Mancini, 1942a).

General Distribution: Austria, Cyprus, Bulgaria, Belgium, Bosnia, Croatia, Cyprus, Czech Republic, Turkey, and Libya

****Aellopus atratus atratus* Goeze, 1778**

Synonym *Lygaeus aterrimus* Fabricius, 1798: Supp. Ent. Syst

Distribution in Libya: Benghazi.

General Distribution: Austria, Belgium, Italy, Bulgaria, Cyprus, France, England, The Czech Republic, Germany, Greece, Hungary, Holland, Spain, Portugal, Poland, Romania, Switzerland, Iran, Russia, Algeria, Morocco, Tunisia, Iran, India Syria, Turkestan, Turkey, Astrakhan, Caucasus, and Libya.

Genus: *Taphropeltus* Stal, 1872

Type species: *Lygaeus hamulatus* Thomson, 1870.

***Taphropeltus nervosus* (Fieber, 1861)**

Synonym: *Scolopostethus nervosus* Fieber, 186. Wien: Gerold vi, 1: Eur. Hem. p. 189
Distribution in Libya: Wadi-Belgader (Mancini, 1942a).
General Distribution: Croatia, Cyprus, Turkey, Italy, Malta and Libya.

****Taphropeltus nervosus nervosus* (Fieber, 1861)**

Synonym: *Taphropeltus nervosus nervosus* (Fieber, 1861), Wien: Ger vi, E. H. p. 189
Distribution in Libya: El Wueinat.
General Distribution: Portugal, France, Italy, Greece, Spain, Algeria, Morocco, Tunisia, Syria, and Libya.

Genus *Scolopostethus* Fieber, 1860

Type species: *Tritomacera aphanoides* Fieber, 1860 (= *Scolopostethus cognatus*).

***Scolopostethus decoratus* (Hhn, 1831)**

Synonym: *Scolopostethus brevis* Saunders, 1876: Ent. Mo. Mag. 12: 221
Distribution in Libya: Derna (Mancini, 1942a).

General Distribution: France, Germany, Holland, Spain, Algeria, Albania, Austria, Italy, England, Bulgaria, Denmark, Estonia, Poland, Belgium, Greece, Hungary, Ireland, Czech Republic, and Libya.

Genus: *Lethaeus* Dall, 1852

Type species: *Lethaeus africanus* Dallas, 1852,

***Lethaeus lethierryi* (Put, 1869)**

Synonym: *Lethaeus lethierryi lethierryi* (Puton, 1869) Ann. Soc. Ent. Fr. p. 142

Distribution in Libya: El Bordy, Cyrenica (de Bergevin, 1930, Zavattari, 1934).

General Distribution: Algeria; Arabia; Canary Isles, Cape Verde Isles, Egypt, Mauritania, Iran, Tunisia, Caucasus, Iran, Syria, Jordan, Turkey, and Libya.

Genus: *Lasiocoris* Fieer, 1860

Type species: *Pachymerus anomalus* Kolenati, 1845. (= *Lasiocoris anomalus anomalus*)

***Lasiocoris crassicornis* (Luc, 1849)**

Synonym: *Lasiocoris antennatus* Montandon, 1889: Rev. d'Ent. 8: 288

Distribution in Libya: Cyrenica (Mancini, 1942a).

General Distribution: Greece, Italy, Turkey, Iran, Turkestan, Algeria, and Libya.

Genus: *Peritrechus* Fieber, 1860

Type species: *Beosus angusticollis* Sahlberg, 1848.

***Peritrechus meridionalis* Put, 1877**

Synonym: *Peritrechus meridionalis* Put, 1877: Pet. Nouv. Ent. 2: 168: 117.

Distribution in Libya: Cyrenica (Mancini, 1942a).

General Distribution: Algeria, and Libya.

***Peritrechus meridionalis fuscatus* Ferrari, 1888**

Syn: *Peritrechus meridionalis fuscatus* Ferrari, 1888: Ann. Mus. Civ. Stor. Nat. Gen. (2): 6: 545, 557.

Distribution in Libya: Cyrenica (Mancini, 1942a).

General Distribution: France, Italy, Algeria, Libya.

Genus: *Stygnocoris* Douglas & Scott, 1860

Type species: *Lygaeus rusticus* Fallen, 1807 (= *Stygnocoris rusticus rusticus*)

***Stygnocoris rusticus* (Fallen, 1807)**

Synonym: *Lygaeus rusticus* Fallen, 1807: Monog. Cim. Suec. p. 70.

Distribution in Libya: El Bordy (de Bergevin, 1930, Zavattari, 1932).

General Distribution: Austria, Belarus, Russia, Belgium, Bosnia, England, Bosnia, Bulgaria, Czech Republic, Croatia, and Libya.

****Stygnocoris rusticus rusticus* (Fallen, 1807)**

Synonym *Stethotropis incana* Fieber, 1870, Verh. Zool. Bot. Ges. Wien. pp. 245-6.

Distribution in Libya: Tobruk.

General Distribution: Austria, Belgium, Spain, Denmark, Italy, England, Estonia, The Czech Republic, Finland, France, Germany, Hungary, Holland, Hungary, Ireland, Holland, Portugal, Poland, Romania, Russia, Sweden, Switzerland, Wales, Caucasus, Astrakhan, Algeria, Morocco, USA, Canada, and Libya.

Genus: *Camptocera* Jakowleff, 1877

Type species: *Rhyparochromus glaberri-mus* Walker, 1872 (= *Camptocera glaberrima*).

***Camptocera glaberrima* (Walker, 1872)**

Synonym: *Tropistethus aurantiacus* Distant, 1918Fn. Brit. Ind. Rhynch. 7: 197.

Distribution in Libya: Ghat (Mancini, 1942a), El Khomos (Linnavuori, 1965).

General Distribution: France, Russia, Spain, Algeria, Canary Isles, Egypt, Morocco, Astrakhan, Caucasus, Iran, Israel, Syria, Turkestan, Turkey, Eritrea, Sudan, India, Iran, and Libya.

Genus: *Ischnopeza* Fieber, 1860

Type species: *Pachymerus hirticornis* Herrich-Schaeffer, 1850.

***Ischnopeza pallipes* Put, 1892**

Ischnopeza pallipes Put, 11892:Rev. d'Ent. 11: 27.

Distribution in Libya: Merj (Mancini, 1942a).
General Distribution: Cyprus, France, Algeria, Egypt, Lebanon, Syria, Turkey, and Libya.

Genus *Emblethis* Fieber, 1860

Type species: *Lygaeus verbasci* Fabricius, 1803 (= *Emblethis verbasci verbasci*)

***Emblethis ciliatus* Horvath, 1875**

Synonym: *Emblethis ciliatus* Horv, 1875.
Distribution in Libya: El Bordy (de Bergevin, 1936, Zavattori, 1934).
General Distribution: Austria, Bulgaria, Crete, The Czech Republic, Germany, Greece, Hungary, Romania, Russia, Egypt, Morocco, Turkey, Iraq, Caucasus, Kurdistan, Siberia, Syria, Algeria, and Libya.

***Emblethis verbasci* (F, 1803)**

Synonym: *Lygaeus verbasci* Fabricius, 1803.
Distribution in Libya: Benghazi (Mancini, 1942a), El Bordy (de Bergevin, 1930, Zavattari, 1934).
General Distribution: Turkey, Kazakhstan, Turkestan, France, Iran, Ukraine, Italy, Poland, Spain, and Libya.

****Emblethis verbasci verbasci* (F, 1803)**

Synonym: *Lygaeus pilifrons* Zetterstedt, 1819: Kongl. Vet. Akad. Handl. pp. 71-2.
Distribution in Libya: El Merj, Benghazi.
General Distribution: Albania, Austria, Cyprus, Bulgaria, Poland, Belgium, England, Germany, Iran Holland, France, Greece, Hungary, Switzerland, Malta, Spain, Portugal, Czechoslovakia, Syria, Romania, Russia, Sweden, Yugoslavia, Algeria, Afghanistan, Egypt, Morocco, Turkey, Canary Isles, Tunisia, Mongolia, and Libya.

***Emblethis angustus* Mont, 1890**

Synonym: *Emblethis angustus* Montandon, 1890
Distribution in Libya: 60 Km east of Nalut.
General Distribution: Bulgaria, Portugal, Canary Isles, Croatia, Italy, Macedonia, and Libya.

***Emblethis gracilicoris* Put, 1883**

Synonym: *Emblethis oblongus* Wagner, 1959.
Distribution in Libya: Jebel Soda, Valle Uosca (Mancini, 1936).
General Distribution: Spain, Algeria, Egypt, Morocco, Arabia, Iran, Kenya, Iran, and Libya.

Genus: *Macropternella* Slater, 1957

Type species: *Oxycarenum inermis* Fieber, 1852.

***Macropternella marginalis* (Fieb, 1861)**

Synonym: *Macropternella marginalis* Fieber, 1861.
Distribution in Libya: 20 Km west Azizia.
General Distribution: France, Italy, Portugal, Spain, Morocco, West Africa, and Libya.

Genus: *Brachyplax* Fieber, 1860

Type species: *Brachyplax albidus* Fieber, 1860. (= *tenuis tenuis*).

***Brachyplax tenuis* (Mulsant & Rey, 1852)**

Synonym: *Pachymerus palliatus* Costa, 1855.
Distribution in Libya: Cyrenica: Mancini, 1942a.
General Distribution: Austria, Bosnia, Bulgaria, Croatia, Czech Republic, Turkey, France, Hungary, Italy, Macedonia, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Algeria, Slovakia, Kaz-khstan, Switzerland, Ukraine, Egypt, Tunisia, Azerbaijan, Armenia, Syria, Georgia, Cyprus, Kirgizia, Tadzhhikistan, Turkmenistan, Uzbekistan, and Libya.
Remarks: Species *Brachyplax tenuis* (Mulsant & Rey, 1852) was listed as *Brachyplax palliata* (Costa, 1852) by Eckerlein & Wagner, 1969.

****Brachyplax tenuis tenuis* (M & R, 1852)**

Synonym: *Brachyplax albidus* Fieber, 1861.
Distribution in Libya: El Mej.
General Distribution: Cyprus, France, Greece, Hungary, Italy, Lesbos Isles, Portugal, Romania, Russia, Spain, Algeria, Egypt, Morocco, Caucasus, Turkestan, Turkey, and Libya.

Genus: *Metopoplax* Fiebig, 180

Type species: *Pachymerus ditomoides* Costa, 1847.

***Metopoplax ditomoides (Costa, 1847)**

Synonym: *Pachymerus ditomoides* Costa, 1847

Distribution in Libya: Benghazi.

General Distribution: France, Czech Republic, Hungary, Syria, Turkey, German, Holland, Malta, Portugal, Spain, Switzerland, Tunisia, Morocco, Belgium, Bosnia, Bulgaria, Algeria, Morocco, Belgium, Bosnia, Bulgaria, Luxemburg, Macedonia, Malta, and Libya.

SUBFAMILY: Atheneinae

Genus: Artheneis Spinola, 1837

Type species: *Artheneis foveolata* Spinola, 1837.

***Artheneis alutacea* Fieber, 1860**

Distribution in Libya: Fezzan: Rhoddua.

General Distribution: Macedonia, Algeria, Egypt, Greece, Italy, Tunisia, Cyprus, Jordan, Morocco, and Libya.

***Artheneis aegyptiaca* Lindbg, 1939.**

Synonym *Artheneis aegyptiaca* Lindberg, 1939.

Distribution in Libya: Kufra Oasis, Zaraga, Bir Ygub (Mancini, 1940).

General Distribution: Yemen, Sudan, Saudi Arabia, Egypt, Syria, Iran, and Libya.

****Artheneis balcanica* (Kormilev, 1938)**

Synonym: *Karamania balcanica* Kormilev, N 1938.

Distribution in Libya: El Kufra.

General Distribution: Bulgaria, Greece, Ukraine, Azerbaijan, Turkmenistan, Iraq, Syria, Bulgaria, Tajikistan, Uzbekistan, Turkmenistan, Greece, Macedonia, Ukraine, Syria, Turkey, Cyprus, Uzbekistan, and Libya.

****Artheneidea tenuicornis* Kiritshenko, 1913**

Synonym: *Artheneis chlorotica* de Bergevin, 1930: Ann. Mus. Civ. Stor. Nat. Gen. 55: 35

Distribution in Libya: Jagbob (de Bergevin, 1930, Zavattri, 1934).

General Distribution: Libya, Iraq, Turkestan, Algeria, Egypt, Tunisia, Kazakhstan, China, Iran, Mongolia, Saudi Arabia, Uzbekistan, Tadzhikistan, Turkmenistan, Sudan.

Remarks: *Artheneidea tenuicornis* Kiritshenko, 1913 was listed as *Artheneis chlorotica* de Bergevin, 1930 by Eckerlein & Wagner, 1969.

***Artheneis beieri* Wagner, 1963.**

Artheneis beieri Wagner, 1963: Zootaxa 3408, pp. 1-33.

Distribution: 20 Km west to Gasr Garabulli.

General distribution: Iran, Turkmenistan, Uzbekistan, Yemen, Sudan, Algeria, and Libya.

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نبذة مختصرة عن رتبة حشرات بق البذور Schilling, 1829 التابعة لمختلفة الأجنحة في ليبيا

مفتاح سليمان المغربي

قسم علم الحيوان - كلية العلوم - جامعة بنغازي، بنغازي - ليبيا

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المستخلص: تتناول الدراسة عرض شعب وأجناس وأنواع فصيلة حشرات بق البذور Lygaeidae و تمت دراستها مصحوبة بالأسماء المرادفة والتوزيع المحلي والعالمي. هذه الدراسة أجريت خلال المدة 2007-2010 في البلاد الليبية، و كشفت عن 111 نوع موجود في ليبيا، تحت 52 جنس تابع 8 تحت فصيلة. 31 نوع تسجل لأول مرة في ليبيا.

الكلمات المفتاحية: عائلة بق البذور Lygaeidae ، مختلفة الأجنحة، ليبيا، المرادفات، توزيع محلي وعام، بق البذور.