

**A GEOGRAPHICAL DISTRIBUTION LIST OF INSECTS AND MITES  
ASSOCIATED WITH COCOA, DERIVED FROM LITERATURE  
PUBLISHED BEFORE 2010**

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## INTRODUCTION

### **The origins of cocoa**

The genus *Theobroma* occurs naturally as an understorey component of neotropical evergreen forest from Mexico to the southern limits of the Amazon forest. It comprises 22 species of which only *T. cacao* is widely grown in cultivation.

Three main types of *T. cacao* have been proposed by Cheesman (1944), namely criollo, forestero and trinitario. Criollos are characteristic of the cocoa cultivated in Central America together with some Colombian cocoa. Forestero was derived initially from wild South American cocoa and includes Amelonado among its grouping which has been extensively cultivated in Brazil and West Africa. Trinitarios arose as a cross between criollo and forestero and are not known in the wild.

Analysis of food residues found in ceramic vessels from an archaeological site in Belize has shown that chocolate was consumed by Mayans as early as 600BC (Hurst et al 2002) and it is clear that cocoa held a ritual significance for Mayan people, evidence for which can still be found in their descendents living today in eastern Guatemala and western Honduras (Kufer Grube & Heinrich, 2006).

There has been much debate as to whether the Criollo cocoa domesticated in Central America, had its origin in a wild population already present or from material imported from the Amazon basin in South America. Recent DNA analysis of Central American criollos including a population of cocoa growing wild in the Lacandona forest in Mexico suggests that their origin was South America (Motamayor et al 2002).

Cocoa first came to the attention of Europeans when Columbus encountered a trading canoe off the coast of Honduras in 1502, and once Central America had been successfully colonized, the Spaniards found scattered cocoa orchards under cultivation from Mexico south to Costa Rica and cocoa beans being used for currency (Bergmann 1969)

Following their invasion of Yucatan and Mexico from 1517-19, the Spanish seem at first to have been repelled by chocolate as a drink (Coe & Coe 1996) but by the beginning of the 17<sup>th</sup> century the settlers in Mexico had clearly become habituated to the drink (Ferry 2006) and a taste for the drink was beginning to develop with the aristocracy in Spain (Coe & Coe 1996). At this time there was a fall in production of cocoa in Mexico and Guatemala with the result that the price in the Mexican market rose sharply and Spanish colonists in South America took full advantage of this opportunity.

The settlement of Guayaquil on the coast of Ecuador was founded in 1538 and here the Spanish found wild forestero cocoa growing in the surrounding forests. By 1635 cocoa plantations had been established using these trees and a flourishing trade developed with Mexico (Coe & Coe 1996).

Similar plantations were developed in the vicinity of Caracas in Venezuela which was colonised in 1567. There is no reference to cocoa growing around Caracas before 1607 and yet by 1650 it had become the chief item of trade (Ferry 1989). It was a criollo cocoa and the indications are that it was derived from trees growing wild in the forest. During the 17<sup>th</sup> and much of the 18<sup>th</sup> century Venezuela was the chief source of cocoa for the burgeoning European trade.

During the 17<sup>th</sup> century Jesuit missionaries in Brazil exploited stands of wild cocoa growing along the banks of the Amazon river and sent gangs of Indians into the forests to collect the harvest of the low grade forestero cocoa (Coe & Coe 1996).

Jamaica was occupied by the Spanish in 1509 and when the island was acquired by the English in 1655 they discovered established cocoa plantations. These were wiped by a 'blast' in 1670, which Wood & Lass (1968) think was probably caused by *Ceratocystis* wilt. A similar 'blast' devastated the cocoa industry in Trinidad in 1727. Forestero cocoa was imported to Trinidad from Venezuela by Capuchin friars in 1757 and this was interbred with the local criollo to produce the hybrid Trinitario which formed the basis of the successful cocoa export trade of the 18<sup>th</sup> and 19<sup>th</sup> centuries (Bekele 2004). Wood and Lass (1968) mention another importation of criollo cocoa from Venezuela to Trinidad in 1678 at which time the crop was also introduced to Martinique and Haiti.

Surinam, after many years of conflict between the Dutch and British finally became a Dutch colony in 1667. Initially plantations were of sugarcane and tobacco and cocoa did not become important as an export crop until the 18<sup>th</sup> century. However, Surinam was visited in 1699 by the naturalist and artist, Maria Sibylla Merian. She painted illustrations of many indigenous crops and the insects found upon them and her 'Metamorphosis

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Insectorum Surinamensium' published in 1705 contains an illustration of criollo cocoa and its attendant insects, including *Spodoptera eridania* (Stal) and a species of *Automeris*, and is the earliest account of the entomology of the cocoa plant.

Criollo cocoa was taken to the Philippines around 1600 and was probably introduced to Sulawesi and Java from there (Wood & Lass 1968).

Cocoa was introduced to Sri Lanka about 1819 but systematic cultivation did not occur before 1878 (Macmillan 1962). The situation in India was similar, with serious cultivation beginning during the 19<sup>th</sup> century although there is evidence that criollo cocoa was introduced from the Moluccas in 1798 (Ratnam 1961).

The important introduction of cocoa to Africa happened at around the same time. The Portuguese brought forestero cocoa from Brazil to Sao Tome in 1824 and from there to Fernando Po in 1850 (Coe & Coe 1996).

In 1859 Basel missionaries made an unsuccessful attempt to introduce cocoa to Ghana with seedlings imported from Surinam. They managed to propagate a single tree which produced enough seed to distribute among their mission stations but for various reasons did not succeed in interesting local farmers.

In 1878 the Ghanaian Tetteh Quashie brought some pods back from Fernando Po and established a lucrative trade supplying seed to local farmers. In 1886 the government realised the potential of cocoa as a small holder crop and obtained further cocoa pods from Sao Tome. These were used to set up a nursery at the Aburi Botanical Gardens and served as a source of seedlings for the phenomenal spread of cocoa cultivation throughout southern Ghana which took place during the next 30 years. The firm of Cadbury began to purchase Ghanaian cocoa in 1906 and by 1911 Ghana was the world's largest exporter (Dickson 1969). It continued to hold this position until 1981 when it was overtaken in export production by Ivory Coast.

### **The insects of cocoa**

Because cocoa is naturally adapted to grow as an understorey plant, traditionally it was grown under thinned forest shade or under planted shade tree cover. In more recent times it has been shown that it can be grown without shade cover and under these conditions may crop more heavily, but there is good evidence that the life span of the tree is reduced.

Because of its intimate association with reduced forest cover there has been interchange of fauna between the crop and the shade cover in most places where the crop is grown resulting in a very rich faunal diversity. Entwistle included around 1400 species in his 1972 list of species feeding on cocoa. Although this list includes a number of ant species which are not strictly feeding on cocoa but tend Homoptera on the tree, it does not include natural enemies nor pollinators, although many of these are mentioned in the text of the book. The present list, which does include natural enemies and pollinators as well as mites and some species which are probably casual visitors to cocoa, has expanded the number to nearly 3200 of which around 500 are natural enemies.

Hemiptera – Heteroptera and particularly Miridae are found feeding on cocoa in most countries where the crop is grown, with the exception of the West Indies, and include some of the most important pests of the crop. They are primarily pod feeders but many cause feeding lesions on green shoots and in some cases their feeding can lead to severe die-back.

Of the Miridae, the genus *Monalonion* with around seven species is found in South and Central America. This is replaced in Africa, the Indian subcontinent, South East Asia and New Guinea by the similar looking *Helopeltis* of around twenty one species. Species of *Helopeltis* have been known as pests of cocoa for over 100 years and damage was recorded on cocoa in Sri Lanka by *H. antonii* as early as 1863 (Wright 1907). The most damaging members of the family, *Sahlbergella singularis* and *Distantiella theobroma*, are found in West and Central Africa. These can cause severe shoot die-back which if not checked can produce multiple branching and stag headed trees and can be fatal at times. Damage tends to be concentrated in 'pockets' involving several trees and once initiated these are self perpetuating as more and more fresh shoots are destroyed.

Other important Heteroptera are the Pentatomid, *Bathycoelia* which attacks pods in West and Central Africa and the Coreids, *Pseudothepatus* in both East and West Africa and *Amblypelta* in New Guinea and the Solomon Islands.

Among the Hemiptera-Homoptera, species in the family Coccidae, which can be devastating pests on coffee, do not cause much damage on cocoa although the two crops share many species. Of far greater significance are the mealybugs in the family Pseudococcidae which act as vectors of virus diseases.

Cocoa Swollen Shoot Virus (CSSV) disease is a devastating viral disease in West Africa and particularly in Ghana where it was first noticed in 1934. Despite intensive research over several decades no practical measure has been devised to control the vectors apart from ruthless eradication of infected trees together with a cordon of surrounding healthy trees. Many million trees have been destroyed in this way in Ghana at considerable expense, but the infection still persists. There seems little doubt that Swollen Shoot Disease was a significant factor in the replacement of Ghana by the Ivory Coast during the 1980's as the world leader in cocoa production.

The severity of the CSSV attack in Ghana together with damaging attacks by Mirids led to the setting up of a cocoa research station in 1938 which in 1944 was expanded by the inclusion of a Nigerian station, to become the West African Cocoa Research Institute. The mealybugs have a complex relationship with ant species which solicit them for honeydew and the study of this relationship has led to extensive ecological investigations. Arboreal ants form a very visible and important element of the forest canopy in West Africa and it was inevitable that their relationship with cocoa living insects other than mealybugs on the crop growing below this canopy should eventually be investigated. General ecological studies of cocoa insects has been extended to many other parts of the world and continues to expand to this day.

Cocoa is host to a large number of leaf feeding Lepidoptera but of more significance as pests are pod feeders and wood boring species. The cocoa moth, *Conopomorpha cramerella* is a serious pod boring species found in South East Asia and New Guinea. It was first reported from Sulawesi in 1860 (Jansen 1860) who reported sightings as early as 1841 and from Java by Zehntner in 1900 (Kalshoven 1950) but its range continues to expand and it is by far the most significant cocoa pest in the region.

Important lepidopterous wood borers are found in the Cossidae and include species of *Zeuzera* in South East Asia and *Eulophonotus* in Africa.

The order with the largest number of recorded species is the Coleoptera which is a reflection of the intimate relationship between cocoa and its shade trees. Among the Cerambycidae are several important wood borers including *Myoxomorpha breve* (previously *Steirastoma*) of the West Indies and South America, several species of *Glenea* which are branch borers, principally in New Guinea and *Tragocephala* branch borers in West Africa. Species of the genus *Pantorhytes* in the Curculionidae are important branch borers in New Guinea and the Solomon Islands.

The Scolytidae are well represented on cocoa and 135 species are included in the present list. Many in the genera *Xylosandrus* and *Xyleborus* bore into trunks or small branches causing die-back and are particularly dangerous as pests of nursery plants. *Xyleborus* species and particularly *X. ferrugineus* are associated with the fungus *Ceratocystis fimbriata* which causes wilting and death of branches or even the whole tree principally in South America and the Caribbean although the disease also occurs in other parts of the world.

Adult Coleoptera in several families feed on foliage but generally speaking do not cause serious economic damage.

### **The present list**

As mentioned above the present list comprises around 3200 taxa including pests, natural enemies, and some casual visitors which have been recorded in the scientific literature from over 80 countries.

The database has as a starting point the list included in Appendix 2 of "Pests of Cocoa" by P.H. Entwistle published by Longman in 1972 which is the definitive text on cocoa entomology. Other records, particularly of natural enemies, which were not included in the Appendix have been gleaned from the text in the book.

These records have been augmented by a search through the Review of Applied Entomology Series A which began in 1913 and its successor the Review of Agricultural Entomology continuing up to the present day. In addition, several sources not reviewed by RAE have been consulted.

The bibliography is not complete, in that only a single reference has been included for the presence of a particular taxon in any country. An exception is made where only a generic name without a specific epithet has been given by different authors.

The list of natural enemies associated with a particular insect are also incomplete in that only those are included which have a specific reference to their occurrence on cocoa.

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## LIST OF SPECIES

### ACARI ACARIDAE

#### **Rhizoglyphus setosus** Manson

**Status:** leaf feeder

**Distribution:** Cuba (Suarez 1991)

### ACARI CHEYLETIDAE

#### **Cheyletus** sp.

**Status:** predator

**Distribution:** Colombia (Cabal-Concha 1956)

**Predator of:** *Araecerus coffeae* Fabricius, Colombia (Cabal-Concha 1956)

### ACARI CUNAXIDAE

#### **Armascirus albiziae** Den Heyer

**Status:** predator

**Distribution:** Zimbabwe (Den Heyer 1978)

**Predator of:** Not recorded -, Zimbabwe (Den Heyer 1978)

### ACARI ERIOPHYIDAE

#### **Aceria reyesi** (Nuzzaci)

*Synonyms:* *Eriophyes reyesi* Nuzzaci

**Status:** leaf feeder

**Distribution:** Brazil (Soria Da Cruz & Milanez 1991), Cuba (De la Torre & Martinez 2004), Venezuela (Dorete et al 1975)

#### **Floracarus theobromae** Keifer

**Status:** bud feeder

**Distribution:** Venezuela (Dorete et al 1975)

### ACARI ERYTHRAEIDAE

#### **Leptus** sp.

**Status:** predator

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

**Predator of:** *Helopeltis bergrothi* Reuter, Zaire (Mayne & Ghesquiere 1934)

### ACARI PHYTOSEIIDAE

#### **Amblyseius vasiformis** Moraes & Mesa

**Status:** predator

**Distribution:** Colombia (De Moraes Mesa & Braun 1991), Ecuador (De Moraes Mesa & Braun 1991), Peru (De Moraes Mesa & Braun 1991)

**Predator of:** Not recorded -, Colombia (De Moraes Mesa & Braun 1991), Ecuador (De Moraes Mesa & Braun 1991), Peru (De Moraes Mesa & Braun 1991)

**Paraseiulella plumipilis Denmark****Status:** predator**Distribution:** Nicaragua (Denmark 1994)**Predator of:** Not recorded -, Nicaragua (Denmark 1994)**ACARI SARCOPTIDAE****Monieziella sp.****Status:** predator**Distribution:** Colombia (Cabal-Concha 1956)**Predator of:** Araecerus coffeae Fabricius, Colombia (Cabal-Concha 1956)**ACARI TARSONEMIDAE****Excelsotarsonemus kaliszewskii Ochoa & Naskrecki****Status:** leaf feeder**Distribution:** Costa Rica (Ochoa Naskrecki & Colwell 1995)**Excelsotarsonemus kimhansenaе Ochoa & Connor****Status:** leaf feeder**Distribution:** Costa Rica (Ochoa & Connor 1998)**ACARI TENUIPALPIDAE****Brevipalpus phoenicis (Geijskes)****Status:** leaf feeder**Distribution:** India (Gupta 1985), Malaysia Sabah (Lim 1992)**ACARI TETRANYCHIDAE****Allonychus reisi Paschoal****Status:** leaf feeder**Distribution:** Colombia (Urueta Sandino 1975a)**Eotetranychus tremae De Leon****Status:** leaf feeder**Distribution:** Colombia (Urueta Sandino 1975a)**Eutetranychus banksi (Mc Gregor)****Status:** leaf feeder**Distribution:** El Salvador (Baker & Pritchard 1962), Nicaragua (Baker & Pritchard 1962)**Oligonychus biharensis (Hirst)****Status:** leaf feeder**Distribution:** India (Gupta 1985)**Oligonychus gossypii (Zacher)****Status:** leaf feeder**Distribution:** Colombia (Urueta Sandino 1975a), Ecuador (Mc Gregor 1955)**Oligonychus mcgregori (Baker & Pritchard)****Status:** leaf feeder**Distribution:** Costa Rica (Baker & Pritchard 1962), Cuba (Suarez 2004), Honduras (Baker & Pritchard 1962)**Tetranychus mexicanus (McGregor)****Status:** leaf feeder**Distribution:** Brazil (Costa 1977), Cuba (Suarez 1991)



**Tetranychus nakahari Baker****Status:** leaf feeder**Distribution:** El Salvador (Andrews & Poe 1980), Trinidad & Tobago (Baker & Tuttle 1976)**Tetranychus piercei McGregor****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Tetranychus sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**ACARI TROMBIDIIDAE****Allothrombium sp.****Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasite of:** *Ferrisia virgata* (Cockerell), Ghana (Donald 1956)*Formicococcus njalensis* (Laing), Ghana (Donald 1956)*Planococcus citri* (Risso), Ghana (Donald 1956)*Pseudococcus concavocerarii* James, Ghana (Donald 1956)**ARANEAE MITURGIDAE****Cheiracanthium sp.****Status:** predator**Distribution:** Ghana (Marchart 1968)**Predator of:** *Distantiella theobroma* (Distant), Ghana (Marchart 1968)**ARANEAE SALTICIDAE****Hyllus holochalceus Simon****Status:** predator**Distribution:** Ghana (Marchart 1968)**Predator of:** *Distantiella theobroma* (Distant), Ghana (Marchart 1968)**Telamonia sp.****Status:** predator**Distribution:** Ghana (Marchart 1968)**Predator of:** *Distantiella theobroma* (Distant), Ghana (Marchart 1968)**Viciria equestris Simon****Status:** predator**Distribution:** Ghana (Marchart 1968)**Predator of:** *Distantiella theobroma* (Distant), Ghana (Marchart 1968)**Viciria ocellata (Thorell)****Status:** predator**Distribution:** Ghana (Marchart 1968)**Predator of:** *Distantiella theobroma* (Distant), Ghana (Marchart 1968)

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**BLATTODEA BLABERIDAE****Eustegasta carabidina (Walker)****Status:** no record**Distribution:** Ghana (Majer 1975)**Eustegasta variegata Shelford****Status:** no record**Distribution:** Ghana (Majer 1975)**Gyna capucina (Gerstaecker)****Status:** no record**Distribution:** Ghana (Majer 1975)**Gyna colini Rochebrune****Status:** no record**Distribution:** Ghana (Majer 1975)**Gyna gloriosa (Stal)****Status:** no record**Distribution:** Ghana (Majer 1975)**Gyna laticosta (Walker)****Status:** no record**Distribution:** Ghana (Majer 1975)**Gyna oblonga Borg.****Status:** no record**Distribution:** Ghana (Majer 1975)**Paraplecta sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**BLATTODEA BLATTELLIDAE****Anaplecta bolivari Shelford****Status:** no record**Distribution:** Ghana (Majer 1975)**Anaplecta conradti Shelford****Status:** no record**Distribution:** Ghana (Majer 1975)**Anaplecta lepesmei Chopard****Status:** no record**Distribution:** Ghana (Majer 1975)**Anaplecta pulchra Shelford****Status:** no record**Distribution:** Ghana (Majer 1975)**Chorisoneurodes unguiculata Princis****Status:** no record**Distribution:** Ghana (Majer 1975)**Diplopterina conradti (Shelford)****Status:** no record**Distribution:** Ghana (Majer 1975)

**Matabelina abdominalis (Shelford)****Status:** no record**Distribution:** Ghana (Majer 1975)**Matabelina cincta Princis****Status:** no record**Distribution:** Ghana (Majer 1975)**Matabelina diaphana Princis****Status:** no record**Distribution:** Ghana (Majer 1975)**Pseudosigmella sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Supella chapini Rehn****Status:** no record**Distribution:** Ghana (Majer 1975)**Symploce sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Theganopteryx sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**BLATTODEA BLATTIDAE****Periplaneta atricollis Saussure****Status:** no record**Distribution:** Ghana (Majer 1975)**BLATTODEA EUTHYRRHAPHIDAE****Euthyrrhapha bimaculata Princis****Status:** no record**Distribution:** Ghana (Majer 1975)**BLATTODEA OXYHALOIDAE****Henschoutedenia occidentalis (Fabricius)****Status:** no record**Distribution:** Ghana (Majer 1975)**Pronauphoeta viridula (Palisot de Beauvoir)****Status:** no record**Distribution:** Ghana (Majer 1975)**Rhyparobia grandis (Saussure)***Synonyms: Leucophaea grandis (Saussure)***Status:** no record**Distribution:** Ghana (Majer 1975)

**BLATTODEA PANCHLORIDAE*****Panchlora stanleyana* Rehn****Status:** no record**Distribution:** Ghana (Majer 1975)**BLATTODEA PYCNOSCELIDAE*****Pycnoscelus surinamensis* (Linnaeus)****Status:** no record**Distribution:** Ghana (Majer 1975)

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**COLEOPTERA ACANTHOCERIDAE**
**Acanthocerus sequistriatus Germar****Status:** no record**Distribution:** Brazil (Bondar 1939a)**Cloeotus globosus Say****Status:** no record**Distribution:** Brazil (Bondar 1939a)**COLEOPTERA ADERIDAE****Aderus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**COLEOPTERA ALLECULIDAE****Dietopsis metallicipennis Picard****Status:** no record**Distribution:** Ghana (Majer 1975)**Lobopoda sp.****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Lystronychus sp.****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**COLEOPTERA ANOBIIDAE****Catorama herbarium Gorham****Status:** seed feeder/storage**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Gibbium psylloides (Czempinski)****Status:** seed feeder/storage**Distribution:** Brazil (Silva 1977)**Lasioderma serricorne Fabricius****Status:** seed feeder/storage**Distribution:** Brazil (Nicol 1941), Ghana (Nicol 1941), Grenada (Nicol 1941), Indonesia Java (Van der Veen 1940), Jamaica (Brooke Breese & Mcfarlane 1962), Malaysia W. Malaysia (Sivapragasam et al 1992), Nigeria (Golding 1941b), Philippines (Ulrichs & Mewis 2000), Sao Tome & Principe (De Gouveia & Da Sousa 1968), Trinidad & Tobago (Nicol 1941), Venezuela (Nicol 1941)**Predators:** *Tenebroides mauritanicus* Linnaeus, Nigeria (Riley 1969b)**Protheca flavitarsis Fisher****Status:** leaf feeder**Distribution:** Puerto Rico (Wolcott 1936)

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**COLEOPTERA ANTHICIDAE**
**Anthelephila sp.****Status:** no record**Distribution:** Indonesia Sulawesi (Bos Steffan-Dewenter & Tschardtke 2007)**COLEOPTERA ANTHRIBIDAE****Acorynus calcaratus Jordan****Status:** stem/trunk feeder**Distribution:** Ivory Coast (Alibert 1951)**Acorynus geometricus Jordan****Status:** stem/trunk feeder**Distribution:** Ivory Coast (Alibert 1951)**Acorynus punctatus Jordan****Status:** seed feeder/storage**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Araecerus coffeae Fabricius***Synonyms:* *Araecerus fasciculatus* (De Geer)**Status:** seed feeder/storage**Distribution:** Brazil (Bondar 1923a), Colombia (Cabal-Concha 1956), Equatorial Guinea Bioko (Alvarez Aparicio 1943), Ghana (Cotterell 1927c), Indonesia Java (Koningsberger 1908), Malaysia Sarawak (Sivapragasam et al 1992), Malaysia W. Malaysia (Miller 1941), Nigeria (Lamborn 1914), Peru (Wille 1952), Sao Tome & Principe (De Gouveia & Da Sousa 1968), Tanzania (Ritchie 1931), Zaire (Mayne 1917)**Primary parasites:** *Anisopteromalus calandrae* (Howard), Colombia (Cabal-Concha 1956)*Apanteles araeceri* Wilkinson, Indonesia Java (Wilkinson 1928)*Cephalonomia gallicola* (Ashmead), Colombia (Cabal-Concha 1956)*Plastanoxus* sp. , Colombia (Cabal-Concha 1956)**Predators:** *Cheyletus* sp. , Colombia (Cabal-Concha 1956)*Monieziella* sp. , Colombia (Cabal-Concha 1956)**Araecerus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Directarius subplagiatus Jordan****Status:** seed feeder/storage**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Epicerastes subcostalis Quedenfeldt****Status:** no record**Distribution:** Ivory Coast (Alibert 1951)**Gulamentus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Gynandrocerus sp.****Status:** no record**Distribution:** Zaire (Mayne 1917)**Habrissus fasciatus Jordan****Status:** seed feeder/storage**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Hyphantus uncinatus Desbrachers****Status:** no record**Distribution:** Brazil (Bovi Coral & Parra 1977)**Litocerus sp.****Status:** fruit feeder**Distribution:** Malaysia W. Malaysia (Miller 1941), Zaire (Mayne 1917)**Mecocerus disparipes Imhoff****Status:** bark feeder, shoot feeder**Distribution:** Ivory Coast (Alibert 1951)**Mecocerus mechowi Quedenfeldt****Status:** bark feeder**Distribution:** Ivory Coast (Alibert 1951)**Mecocerus rhombeus Quedenfeldt****Status:** leaf feeder, stem/trunk feeder**Distribution:** Zaire (Mayné & Donis 1962)**Mecotropis pantherinus Thomson****Status:** no record**Distribution:** Papua New Guinea (Bourke et al 1971)**Phaeochrotes pictus Jordan****Status:** no record**Distribution:** Malaysia W. Malaysia (Miller 1941)**Phloeops platypennis Montrouzier****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1963)**Phloeotragus hottentotus imhoffi Boheman****Status:** stem/trunk feeder**Distribution:** Ivory Coast (Alibert 1951)**Platystomos ornatocollis Jordan****Status:** shoot feeder, stem/trunk feeder**Distribution:** Ivory Coast (Alibert 1951)**Tropideres securus Boheman****Status:** fruit feeder**Distribution:** Malaysia W. Malaysia (Miller 1941)**Xylinada sp. near compar Jordan***Synonyms: Xylinoides sp. near compar Jordan***Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**COLEOPTERA ATTELABIDAE****Parapoderus clivicollis Marshall***Synonyms: Apoderus clivicollis Marshall***Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Parapoderus flavoebenus (Thomson)***Synonyms: Apoderus flavoebenus Thomson***Status:** leaf feeder**Distribution:** Ghana (Cotterell 1927a), Ivory Coast (Alibert 1951)

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**COLEOPTERA BOSTRICHIDAE**
**Apate monachus Fabricius****Status:** stem/trunk feeder**Distribution:** Cameroon (Aulmann & La Baume 1912), Ivory Coast (Alibert 1951), Nigeria (Golding 1935), Sao Tome & Principe (Navel 1921), Zaire (Mayne 1917)**Apate terebrans (Pallas)****Status:** stem/trunk feeder**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951), Jamaica (Gowdey 1921a), Nigeria (Entwistle 1972)**Bostrychoplites productus (Imhoff)****Status:** stem/trunk feeder**Distribution:** Cameroon (Aulmann & La Baume 1912), Ivory Coast (Alibert 1951)**Sinoxylon atratum Lesne****Status:** branch feeder**Distribution:** India (Abraham et al 1970)**Xylopertha lifuana (Montrouzier)****Status:** branch feeder, stem/trunk feeder**Distribution:** Fiji (Knowles 1916)**Xylopertha minuta (Pascoe)***Synonyms: Xylopertha castanoptera Fairmaire***Status:** branch feeder, stem/trunk feeder**Distribution:** Fiji (Knowles 1916)**Xyloperthella crinitarsis (Imhoff)***Synonyms: Xylopertha crinitarsis (Imhoff)***Status:** stem/trunk feeder**Distribution:** Sao Tome & Principe (Lesne 1924), Zaire (Mayné & Donis 1962)**Xyloperthella picea (Olivier)***Synonyms: Xylopertha picea Olivier***Status:** branch feeder**Distribution:** Zaire (Mayné & Donis 1962)**Xyloperthella scutula (Lesne)***Synonyms: Xylopertha scutula (Lesne), Xylopertha scutula Lesne***Status:** branch feeder**Distribution:** Ivory Coast (Alibert 1951)**Xyloperthodes nitidipennis Murray****Status:** no record**Distribution:** Zaire (Mayné & Donis 1962)**Xylopsocus radula Lesne****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Xylothrips flavipes (Illiger)****Status:** no record**Distribution:** India (Beeson 1919), Malaysia W. Malaysia (Yunus & Ho 1980)**Xylothrips religiosus (Boisduval)****Status:** no record**Distribution:** Solomon Is (Lever 1968)



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**COLEOPTERA BRENTIDAE****Afrocordus asper Calabresi**

*Synonyms: Cordus asper Calabresi*

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Anablyzostoma minor Schedl**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Anisognathus czikii Bolkay**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975), Zaire (Mayné & Donis 1962)

**Cerobates complanatus Senna**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Cerobates conradti Senna**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Cerobates conveniens Kleine**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Cerobates cruentatus Senna**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975), Zaire (Mayné & Donis 1962)

**Cerobates dilutus Kleine**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Cerobates elegans Damoiseau**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Cerobates hybridus Senna**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Cerobates sulcatus sulcirostris J.Thomson**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975), Zaire (Mayné & Donis 1962)

**Cordus kraatzi Senna**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Ectocemus decemmaculatus Montrouzier**

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany 1963)

**Eubactrus sp.**

**Status:** no record

**Distribution:** Vanuatu (Risbec 1937)

**Hemicordus plagiator Kleine**

*Synonyms: Cordus plagiator Kleine*

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Hypomiolispa sp.**

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Microtrachelizus aethiopicus Calb.**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Orfilaia vulsellata (Gyllenhal)**

*Synonyms: Eupsalis vulsellata Gyllenhal*

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)

**Orphanobrenthus picipes Olivier**

*Synonyms: Pseudoceocephalus picipes Olivier*

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)

**Podozemius kolbei (Kleine)**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Prophthalmus tridentatus Fabricius**

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Rhinopteryx foveipennis J.Thomson**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Rhytidopterus compressithorax Senna**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Spatherhinus medioximus (J.Thomson)**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Storeosomus rissi Labrouise**

**Status:** leaf feeder

**Distribution:** Zaire (Mayné & Donis 1962)

**Zemioses porcatus Pascoe**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**COLEOPTERA BUPRESTIDAE**

**Agrilus sp.**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Chrysochroa bicolor Fabricius**

*Synonyms: Catoxantha bicolor Fabricius*

**Status:** stem/trunk feeder

**Distribution:** India (Beeson 1919), Indonesia Java (Koningsberger 1908)

**Chrysochroa fulminans Fabricius**

**Status:** branch feeder

**Distribution:** Indonesia Java (Koningsberger 1908)

**Euchroma gigantea (Linnaeus)****Status:** no record**Distribution:** Brazil (De Abreu & Silva 1972), Surinam (Van Dinther 1960)**Sphenontera (Hoplistura) sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Trachys sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**COLEOPTERA CARABIDAE****Craspedophorus tetrastigma Chaudrey****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Orthogonius hopei Gray****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Pentagonica sp.****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Velindopsis panagaeoides Burgmeister****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**COLEOPTERA CERAMBYCIDAE CERAMBYCINAE****Aeolesthes induta (Newman)***Synonyms: Pachydissus frenchi Blackburn***Status:** no record**Distribution:** Philippines (Dammerman 1929)**Alloeme rubra Thomson****Status:** no record**Distribution:** Ghana (Majer 1975)**Allophyton duffyi Lapesme****Status:** no record**Distribution:** Zaire (Mayné & Donis 1962)**Callichroma elegans (Olivier)****Status:** no record**Distribution:** No locality (Duffy 1960)**Ceresium discicolle Gressitt****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Ceresium sp.****Status:** no record**Distribution:** Papua New Guinea (Bourke et al 1971)

**Chlorida festiva (Linnaeus)**

**Status:** stem/trunk feeder

**Distribution:** Colombia (De Franco 1958), Sao Tome & Principe (Duffy 1957)

**Chlorophorus carinatus Aurivillius**

**Status:** no record

**Distribution:** Tanzania (Duffy 1957)

**Chrysoprasis sp.**

**Status:** no record

**Distribution:** Brazil (Bicelli et al 1987)

**Cordylomera spinicornis Fabricius**

**Status:** stem/trunk feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Diaspila bipunctatus White**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Dictamnia sp.**

**Status:** no record

**Distribution:** Papua New Guinea (Froggatt 1938)

**Marthmaria catherinetta Lepsme**

**Status:** leaf feeder

**Distribution:** Zaire (Mayné & Donis 1962)

**Mecosaspis subvestita Bates**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Phrosyne brevicornis (Fabricius)**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Plocaederus basalis Gahan**

**Status:** stem/trunk feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Plocaederus viridipennis (Hope)**

**Status:** no record

**Distribution:** Zaire (Aulmann & La Baume 1912)

**Sphallenum setosum (Germar)**

**Status:** stem/trunk feeder

**Distribution:** Brazil (Silva 1988a)

**Trachyderes succinctus (Linnaeus)**

**Status:** no record

**Distribution:** Brazil (Bondar 1922), Trinidad & Tobago (Guppy 1911a)

**Xystrocera festiva Thomson**

**Status:** branch feeder, stem/trunk feeder

**Distribution:** India (Beeson 1941), Indonesia Java (De Haan 1933)

**Xystrocera globosa (Olivier)**

**Status:** branch feeder, stem/trunk feeder

**Distribution:** Indonesia Java (De Haan 1933)

**Xystrocera laevis Jordan**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

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**COLEOPTERA CERAMBYCIDAE LAMIINAE**
**Acalolepta australis (Boisduval)***Synonyms: Dihammus australis (Boisduval)***Status:** no record**Distribution:** Vanuatu (Duffy 1963)**Acalolepta cervina (Hope)****Status:** stem/trunk feeder**Distribution:** China (Li Wang & Waterhouse 1997)**Acalolepta marianarum (Aurivillius)***Synonyms: Dihammus marianarum (Aurivillius)***Status:** no record**Distribution:** S. Marian Island (Gressitt 1965a)**Acalolepta rusticator (Fabricius)***Synonyms: Dihammus fistulator Germar, Dihammus rusticator Fabricius, Monohammus fistulator Germar***Status:** no record**Distribution:** India (Beeson 1919), Indonesia Java (Koningsberger 1908), Malaysia W. Malaysia (Dammerman 1929), Papua New Guinea (Szent-Ivany 1961), Philippines (Entwistle 1972)**Acalolepta sp.***Synonyms: Dihammus sp.***Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Acalolepta strandiellus Breuning***Synonyms: Dihammus strandiellus Breuning***Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Acanista alphoides Pascoe****Status:** stem/trunk feeder**Distribution:** Papua New Guinea (Bourke et al 1971)**Acmocera conjux Thomson****Status:** stem/trunk feeder**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)**Acridocephala bistriata Chevrolat****Status:** no record**Distribution:** Cameroon (Mbondji Mbondji 1984)**Alcidion bispinum Bates****Status:** fruit feeder**Distribution:** Brazil (Bondar 1939a)**Alcidion simillimum (Melzer)****Status:** no record**Distribution:** Brazil (Bovi Coral & Parra 1977)**Anauxesida cuneata Jordan***Synonyms: Anauxesida aureolineata Hintz***Status:** no record**Distribution:** Ghana (Majer 1975)**Ancylonotus tribulus (Fabricius)****Status:** no record**Distribution:** Ghana (Majer 1975), Guinea (Zacher 1921), Sao Tome & Principe (Duffy 1957)

**Apomecyna flavosuttulata Aurivilius****Status:** no record**Distribution:** Ghana (Majer 1975)**Aristobia testudo (Voet)****Status:** no record**Distribution:** China (Li Wang & Waterhouse), Taiwan (Li Wang & Waterhouse)**Armatosterna buquetiana White****Status:** no record**Distribution:** Ghana (Cotterell 1927c)**Batocera nebulosa (Bates)****Status:** no record**Distribution:** Papua New Guinea (Duffy 1963), Vanuatu (Dumbleton 1954)**Batocera sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Batocera thomsoni Javet****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Bixadus sierricola (White)***Synonyms: Metissa sierricola White***Status:** no record**Distribution:** Nigeria (Lamborn 1914)**Cacia sp.****Status:** no record**Distribution:** Vanuatu (Risbec 1937)**Callia criocerina Bates****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Callia sp.****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Callimetopus albata (Newman)***Synonyms: Euclea albata Newman, Niphonoclea albata Newman***Status:** no record**Distribution:** Philippines (Uichanco 1931)**Callimetopus capito (Pascoe)***Synonyms: Euclea capito Pascoe, Niphonoclea capito (Pascoe)***Status:** no record**Distribution:** Philippines (Uichanco 1931)**Ceroplesis adusta (Harold)***Synonyms: Moesta adusta Harold***Status:** branch feeder**Distribution:** Cameroon (Aulmann & La Baume 1912), Zaire (Mayne 1917)**Ceroplesis bicincta Fabricius****Status:** branch feeder**Distribution:** Zaire (Mayné & Donis 1962)**Cerosterna sp.****Status:** no record**Distribution:** Malaysia Sabah (Lim 1992)

**Cerosterna sp. near pollinosa Buquet****Status:** stem/trunk feeder**Distribution:** Malaysia Sabah (Khoo Ooi & Ho 1991)**Chariesthes bella (Dalman)****Status:** no record**Distribution:** Ivory Coast (Lepesme 1953)**Chariesthes fairmairei Aurivillius****Status:** no record**Distribution:** Ghana (Majer 1975)**Colobothea bisignata Bates****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Colobothea distincta Pascoe****Status:** no record**Distribution:** Costa Rica (Lara & Shenefelt 1966)**Coptops aedificator (Fabricius)****Status:** branch feeder, leaf feeder**Distribution:** Cameroon (Duffy 1957), Ghana (Majer 1975), Guinea (Zacher 1921), Ivory Coast (Alibert 1951), Zaire (Mayné & Donis 1962)**Corus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Cypriola tincturata Pascoe****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Dichostates collaris Chevrolat****Status:** no record**Distribution:** Ghana (Majer 1975)**Dichostates flavopictus bimaculatus Bates****Status:** branch feeder, leaf feeder**Distribution:** Zaire (Mayné & Donis 1962)**Dihammus sp. near trigonus Gressitt****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Diochares sp.****Status:** no record**Distribution:** Papua New Guinea (Duffy 1968)**Drycothea spreta (Bates)***Synonyms: Nyssodrys spreta Bates***Status:** fruit feeder**Distribution:** Brazil (Bondar 1939a)**Ecthoea quadricornis (Olivier)****Status:** collar feeder**Distribution:** Brazil (Bondar 1959), Trinidad & Tobago (Guppy 1911c)**Epepeotes luscus (Fabricius)****Status:** no record**Distribution:** India (Beeson 1919), Indonesia Java (Koningsberger 1908), Malaysia W. Malaysia (Dammerman 1913)

**Epepeotes meridianus Pascoe**

*Synonyms: Epepeotes spinosus (Thomson)*

**Status:** no record

**Distribution:** Indonesia Java (Dammerman 1919)

**Estola sp.**

**Status:** no record

**Distribution:** Brazil (Bicelli et al 1987)

**Eumimetes haroldi Quedenfeldt**

**Status:** branch feeder, stem/trunk feeder

**Distribution:** Zaire (Mayné & Donis 1962)

**Eunidia sp.**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Euthima rodens Bates**

**Status:** no record

**Distribution:** Brazil (Bicelli et al 1987)

**Exocentrus echinulus Gahan**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Exocentrus ortmansi Gahan**

**Status:** branch feeder

**Distribution:** Zaire (Gahan 1918)

**Exocentrus sp.**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Frea curta (Chevrolat)**

**Status:** branch feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Frea haroldi Quedenfeldt**

**Status:** branch feeder

**Distribution:** Zaire (Mayné & Donis 1962)

**Glenea ?algebraica Thomson**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Glenea ?stellata Thomson**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Glenea adelpha Thomson**

**Status:** branch feeder, leaf feeder

**Distribution:** Cameroon (Mbondji Mbondji 1984), Zaire (Mayné & Donis 1962)

**Glenea aluensis Gahan**

**Status:** branch feeder, stem/trunk feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961), Solomon Is (Lever 1968)

**Glenea divergiovittata Breuning**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Glenea extensa Pascoe**

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Lever 1953)



**Glenea fasciata (Fabricius)****Status:** branch feeder, leaf feeder, stem/trunk feeder**Distribution:** Zaire (Duffy 1957)**Glenea funerula Thomson****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Lever 1953)**Glenea giraffa (Dalman)****Status:** stem/trunk feeder**Distribution:** Ivory Coast (Alibert 1951)**Glenea lefeburei (Guerin-Meneville)****Status:** stem/trunk feeder**Distribution:** Indonesia West Irian (Schreurs 1965), Papua New Guinea (Szent-Ivany 1961)**Primary parasites:** Xanthocryptus vesiculosus (Brulle), Indonesia West Irian (Schreurs 1965)**Glenea mephisto Thomson****Status:** no record**Distribution:** Zaire (Mayné & Donis 1962)**Glenea novemguttata Castelnau****Status:** branch feeder**Distribution:** Indonesia Java (Koningsberger 1908)**Glenea quinquelineata Chevrolat****Status:** branch feeder, leaf feeder**Distribution:** Zaire (Mayné & Donis 1962)**Glenea sp.****Status:** no record**Distribution:** Indonesia Java (Anon 1912), Zaire (Ghesquiere 1921)**Glenea sp. near iridescens Pascoe****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Glenea sp. near virgata Gahan****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Gnoma boisduvali Plavil'schikou****Status:** no record**Distribution:** Papua New Guinea (Bourke et al 1971)**Graciella pulchella (Klug)****Status:** leaf feeder**Distribution:** Ghana (Majer 1975), Zaire (Mayné & Donis 1962)**Heteroclitomorpha punctata Gahan****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Hippopsicon victoriae Breuning****Status:** no record**Distribution:** Zaire (Mayné & Donis 1962)**Hylettus coenobita (Erichson)***Synonyms: Hylettus vindex Lacordaire***Status:** no record**Distribution:** Surinam (Van Dinther 1960)**Ischioloncha ?lineata Bates****Status:** branch feeder

**Distribution:** Colombia (Urueta Sandino 1975b)

**Lagocheirus araneiformis (Linnaeus)**

**Status:** no record

**Distribution:** Colombia (De Franco 1958)

**Lagrida rufa Jordan**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Lasiopezus marmoratus (Olivier)**

*Synonyms: Baraeus marmoratus Fabricius*

**Status:** No record

**Distribution:** Guinea (Zacher 1921)

**Lasiopezus sordidus (Olivier)**

*Synonyms: Baraeus sordidus Olivier*

**Status:** No record

**Distribution:** Guinea (Zacher 1921)

**Leiopus convexus Melzer**

**Status:** no record

**Distribution:** Brazil (Bovi Coral & Parra 1977)

**Malloderma sp.**

**Status:** no record

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

**Metopides occipitalis Pascoe**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Microcymatura antennalis Breuning**

**Status:** no record

**Distribution:** Ghana (Majer 1975), Ivory Coast (Lavabre Decelle & Debord 1963)

**Milothris irrorata (Fabricius)**

**Status:** no record

**Distribution:** Indonesia Java (Von Faber 1909)

**Mispila venosa Pascoe**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Monochamus adamitus Thomson**

*Synonyms: Quasiochamus adamitus Thomson*

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Monochamus holotephrus (Boisduval)**

*Synonyms: Acalolepta holotephra (Boisduval), Dihammus holotephrus (Boisduval)*

**Status:** stem/trunk feeder

**Distribution:** Vanuatu (Risbec 1937), Western Samoa (Dumbleton 1954)

**Monochamus lateralis Guerin-Meneville**

**Status:** no record

**Distribution:** Indonesia Java (Paerels 1924)

**Monochamus nigroplagiatus Breuning**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Monochamus ruspator (Fabricius)**

**Status:** no record

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**Distribution:** Cameroon (Van Hall 1914), Ghana (Majer 1975), Guinea (Zacher 1921)

**Monochamus sp.**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Monochamus tuberosa Bates**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Monochamus variegator Aurivillius**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Myoxomorpha breve (Sulzer)**

*Synonyms:* *Steirastoma breve* (Sulzer), *Steirastoma depressum* (Fabricius)

**Status:** branch feeder

**Distribution:** Brazil (Bondar 1922), Ecuador (Rorer 1918), Grenada (Ballou 1915), Guadeloupe (Entwistle 1972), Jamaica (Entwistle 1972), Martinique (Entwistle 1972), Puerto Rico (Entwistle 1972), Surinam (Van Hall 1914), Trinidad & Tobago (Fennah 1954), Venezuela (Jaffe Tablante & Sanchez 1986)

**Primary parasites:** *Cyanopterus depressi* Viereck, Trinidad & Tobago (Myers 1931)

*Cyanopterus peronatus* (Cameron), Trinidad & Tobago (Myers 1931)

*Cyanopterus steirastomae* Viereck, Trinidad & Tobago (Myers 1931)

*Horismenus steirastomae* (Girault), Trinidad & Tobago (Myers 1931)

**Predators:** *Azteca forellii* Emery, Venezuela (Jaffe Tablante & Sanchez 1986)

**Nanyohammus luteosparsus Matsushita**

*Synonyms:* *Pelargoderus luteosparsus* (Matsushita)

**Status:** no record

**Distribution:** Federated States of Micronesia (Esaki 1940)

**Nepholotus conspersus Thomson**

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Nyssodrys lignaria Bates**

**Status:** fruit feeder

**Distribution:** Brazil (Bondar 1939a)

**Nyssodrys sp.**

**Status:** no record

**Distribution:** Surinam (Van Dinther 1960)

**Obereopsis apicalis Kolbe**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Ocularia cineracea Jordan**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Olenecamptus bilobus (Fabricius)**

**Status:** branch feeder

**Distribution:** Indonesia (Dammerman 1913)

**Oncideres sp.**

**Status:** no record

**Distribution:** Colombia (Campos 1933b)

**Oncideres tessellata Thomson**

**Status:** bark feeder

**Distribution:** Trinidad & Tobago (Urich 1913)

**Oreodera bituberculata Bates****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Oreodera ohausi Melzer****Status:** no record**Distribution:** Brazil (Bovi Coral & Parra 1977)**Oxyhammus cinctus Jordan****Status:** no record**Distribution:** Ghana (Majer 1975)**Oxymagis horni (Heller)***Synonyms: Megaceresium horni Heller***Status:** branch feeder**Distribution:** Papua New Guinea (Moxon 1991b), Solomon Is (Friend & MacFarlane 1974)**Oxymagis vitticollis Fairmaire****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Pelargoderus arouensis (Thomson)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Pelargoderus bipunctatus (Dalman)****Status:** no record**Distribution:** Indonesia Java (Koningsberger 1908)**Pelargoderus sp.****Status:** no record**Distribution:** Indonesia Java (Anon 1912)**Phemone frenata Pascoe****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Phloeus brevis Jordan****Status:** branch feeder**Distribution:** Zaire (Mayné & Donis 1962)**Phosphorus virescens var. gabonator Thomson****Status:** branch feeder**Distribution:** Cameroon (Weidner 1938)**Phryneta hecphora (Thomson)***Synonyms: Phrystola assimilis Kolbe***Status:** branch feeder**Distribution:** Zaire (Aulmann & La Baume 1912)**Phryneta obliquata (Harold)***Synonyms: Phrystola hecphora Thomson***Status:** branch feeder**Distribution:** Cameroon (Aulmann & La Baume 1912)**Phrynetoides regia Aurivillius****Status:** no record**Distribution:** Zaire (Mayné & Donis 1962)**Proctocera 4-guttata Aurivillius****Status:** no record**Distribution:** Zaire (Mayné & Donis 1962)

**Proctocera senegalensis Thomson****Status:** leaf feeder**Distribution:** Zaire (Mayné & Donis 1962)**Prosopocera bioculata Hintz****Status:** leaf feeder**Distribution:** Zaire (Mayné & Donis 1962)**Prosopocera sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Psapharochus cylindrica (Bates)***Synonyms: Acanthoderes cylindrica (Bates)***Status:** no record**Distribution:** Brazil (Bovi Coral & Parra 1977)**Pterolophia biarcuata Thomson****Status:** no record**Distribution:** Ghana (Majer 1975)**Pterolophia bigibbera Newman***Synonyms: Praonetha bigibbera Newman***Status:** no record**Distribution:** Philippines (Uichanco 1931)**Pterolophia binodosa (Bates)****Status:** branch feeder, stem/trunk feeder**Distribution:** Vanuatu (Risbec 1937)**Pterolophia crassipes Wiedemann****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Pterolophia duplicator Pascoe****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Pterolophia melanura Pascoe***Synonyms: Praonetha melanura Pascoe***Status:** fruit feeder**Distribution:** Indonesia Java (Dammerman 1929), Malaysia W. Malaysia (Miller 1941)**Pterolophia minor (Breuning)****Status:** no record**Distribution:** Ghana (Majer 1975)**Pterolophia obducta Pascoe****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Pterolophia plicata Kolbe****Status:** no record**Distribution:** Ghana (Majer 1975)**Pterolophia sp.****Status:** no record**Distribution:** Ghana (Majer 1975), Malaysia W. Malaysia (Yunus & Ho 1980)**Pterolophia terrea Pascoe***Synonyms: Pterolophia grisescens Pascoe***Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

***Pterolophia variabilis disjuncta* Pascoe****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)***Ropica borneotica* Breuning****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)***Ropica* sp.****Status:** no record**Distribution:** Ghana (Majer 1975)***Rosalba approximata* (Melzer)****Status:** no record**Distribution:** Brazil (Bovi Coral & Parra 1977)***Sophronica apicenigra* Lepesme & Breuning****Status:** no record**Distribution:** Zaire (Mayné & Donis 1962)***Sophroniella reali* Lepesme****Status:** no record**Distribution:** Ghana (Majer 1975)***Soridus biapicata* Chevrolat****Status:** no record**Distribution:** Ghana (Majer 1975)***Sphingnotus dunningi gazellus* Gressitt****Status:** no record**Distribution:** Papua New Guinea (Gressitt 1984)***Sphingnotus* sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)***Stathmodera* sp.****Status:** no record**Distribution:** Ghana (Majer 1975)***Sternotomis chrysopras* (Voet)****Status:** no record**Distribution:** Cameroon (Duffy 1957), Guinea (Zacher 1921)***Sternotomis rufozonatus* Fairmaire****Status:** no record**Distribution:** Sao Tome & Principe (De Seabra 1921)***Sternotomis variabilis semirufescens* Breuning****Status:** bark feeder**Distribution:** Zaire (Mayné & Donis 1962)***Sthenias cylindrator* (Fabricius)****Status:** no record**Distribution:** Ghana (Majer 1975), Uganda (Gowdey 1917)***Sthenias varius* Olivier****Status:** no record**Distribution:** Indonesia Java (Dammerman 1929), Philippines (Uichanco 1931)***Sybra maculicollis* Aurivillius****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Sybra sp.****Status:** fruit feeder**Distribution:** Malaysia W. Malaysia (Miller 1941)**Symphyletes sp.****Status:** stem/trunk feeder**Distribution:** Papua New Guinea (Anon 1971)**Taeniotes farinosa (Linnaeus)****Status:** no record**Distribution:** No locality (Duffy 1960), No locality (Von Faber 1909)**Tmesisternus schaumii obscurus Heller****Status:** no record**Distribution:** Papua New Guinea (Gressitt 1984)**Tmesisternus schaumii yorkensis (Fairmaire)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Tmesisternus sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Tmesisternus tersus Pascoe****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Tmesisternus transversus Pascoe****Status:** no record**Distribution:** Papua New Guinea (Gressitt 1984)**Tmesisternus trivittatus Guerin-Meneville****Status:** no record**Distribution:** Papua New Guinea (Gressitt 1984)**Tragocephala castnia cacaoensis Entwistle****Status:** branch feeder**Distribution:** Nigeria (Entwistle 1963a), Togo (Entwistle 1963a)**Primary parasites:** *Aprostocetus lamiicidus* Kerrich, Nigeria (Kerrich 1963)*Nadia* sp. , Nigeria (Entwistle 1972)**Tragocephala castnia islandica Entwistle****Status:** branch feeder**Distribution:** Equatorial Guinea (Entwistle 1963a)**Tragocephala castnia theobromae Entwistle****Status:** branch feeder**Distribution:** Ghana (Entwistle 1963a), Ivory Coast (Entwistle 1963a)**Primary parasites:** *Aprostocetus lamiicidus* Kerrich, Ghana (Kerrich 1963)*Billaea vanemdeni* Fennah, Ghana (Entwistle 1972)**Tragocephala guerini buqueti Thomson***Synonyms:* *Tragocephala buqueti* Thomson**Status:** branch feeder**Distribution:** Zaire (Mayne 1925)**Tragocephala guerini White***Synonyms:* *Tragocephala anelli* Bates, *Tragocephala senatoria* Chevrolat**Status:** branch feeder**Distribution:** Cameroon (Aulmann & La Baume 1912), Zaire (Mayne 1917)**Tragocephala modesta Fairmaire****Status:** branch feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Tragocephala nobilis (Fabricius)**

*Synonyms:* *Tragocephala chloris* Chevrolat, *Tragocephala maynei* Gahan

**Status:** branch feeder

**Distribution:** Cameroon (Entwistle 1963a), Equatorial Guinea (Entwistle 1963a), Equatorial Guinea Bioko (Entwistle 1963a), Ghana (Kerrich 1963), Ivory Coast (Alibert 1951), Nigeria (Entwistle 1963a), Sao Tome & Principe (Entwistle 1963a), Sierra Leone (Entwistle 1963a), Togo (Entwistle 1963a), Zaire (Gahan 1918)

**Primary parasites:** *Aprostocetus lamiicidus* Kerrich, Ghana (Kerrich 1963)  
*Billaea vanemdeni* Fennah, Ghana (Entwistle 1972)

**Tragocephala nobilis castelnaudi Thomson**

**Status:** leaf feeder

**Distribution:** Zaire (Mayné & Donis 1962)

**Tragocephala nobilis m delia Thomson**

**Status:** branch feeder

**Distribution:** Sierra Leone (Entwistle 1972)

**Tragocephala nobilis m maynei Gahan**

**Status:** branch feeder

**Distribution:** Zaire (Mayne 1917)

**Primary parasites:** *Aprostocetus lamiicidus* Kerrich, Zaire (Entwistle 1972)

**Tropidozineus vicinus (Melzer)**

*Synonyms:* *Ozineus vicinus* (Melzer)

**Status:** no record

**Distribution:** Brazil (Bovi Coral & Parra 1977)

**Velleda callizona Chevrolat**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**COLEOPTERA CERAMBYCIDAE PRIONINAE**

**Acanthophorus maculatus (Fabricius)**

**Status:** no record

**Distribution:** Zaire (Ghesquiere 1921)

**Ctenoscelis acanthopus Germar**

**Status:** no record

**Distribution:** Brazil (Moncayo 1958)

**Macrotoma edulis Karsch**

**Status:** no record

**Distribution:** Sao Tome & Principe (De Seabra 1921)

**Macrotoma serripes (Fabricius)**

**Status:** no record

**Distribution:** Zaire (Ghesquiere 1927)

**Macrotoma sp.**

**Status:** no record

**Distribution:** Zaire (Ghesquiere 1921)

**Mallodon downesi Hope**

**Status:** stem/trunk feeder

**Distribution:** Equatorial Guinea Bioko (Corella 1949), Ghana (Cotterell 1927c), Guinea (Zacher 1921), Ivory Coast (Alibert 1951), Sao Tome & Principe (Navel 1921), Togo (Quicke 1985)

**Primary parasites:** *Fraterarchibracon affinis* (Szepligeti), Togo (Quicke 1985)



**Olethrius tyrannus Thomson****Status:** stem/trunk feeder**Distribution:** Vanuatu (Risbec 1937)**COLEOPTERA CHRYSOMELIDAE CASSIDINAE****Aspidomorpha adhaerens (Weber)****Status:** leaf feeder**Distribution:** Papua New Guinea (Simon-Thomas 1962)**Aspidomorpha cincta (Fabricius)****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Aspidomorpha quinquefasciata (Fabricius)****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Aspidomorpha socia (Boheman)***Synonyms: Aspidomorpha aurata (Montrouzier)***Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Aspidomorpha testudinaria (Montrouzier)****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1954)**Cassida pyxidata Boheman****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Cassida tosta Klug****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Ctenochira cumulata (Boheman)****Status:** leaf feeder**Distribution:** Costa Rica (Weber 1957)**Hemisphaerota sp.****Status:** leaf feeder**Distribution:** Brazil (Bondar 1924c)**Omaspides nigrolineata (Boheman)***Synonyms: Omoplata nigrolineata Boheman***Status:** leaf feeder**Distribution:** Brazil (Bondar 1922)**Porphyraspis reis-magalhaesi Bondar****Status:** leaf feeder**Distribution:** Brazil (Bondar 1925)**Spaethiella tristis (Boheman)***Synonyms: Hemisphaerota tristis (Boheman)***Status:** leaf feeder**Distribution:** Brazil (Bondar 1939a)

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**COLEOPTERA CHRYSOMELIDAE CHRYSOMELINAE**
**Pseudomela murrayi Baly****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**COLEOPTERA CHRYSOMELIDAE CLYTRINAE****Antipa sp.****Status:** leaf feeder**Distribution:** Costa Rica (Weber 1957), Indonesia Java (Paerels 1924)**Gynandrophthalma elongata Jacoby****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**COLEOPTERA CHRYSOMELIDAE CRIOCERINAE****Lema ?pauperata Lacordaire****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Lema dorsalis (Olivier)****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**Lema sp.****Status:** leaf feeder**Distribution:** Brazil (Bovi Coral & Parra 1977)**Lema staudingeri Jacoby****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**COLEOPTERA CHRYSOMELIDAE CRYPTOCEPHALINAE****Cryptocephalus ?dregii Boheman***Synonyms: Cryptocephala ?dregii Suffrian***Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Cryptocephalus dislocatus Suffrian****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**COLEOPTERA CHRYSOMELIDAE EUMOLPINAE****Afroerydemus brevilineatus (Jacoby)***Synonyms: Eurydemus brevilineatus Jacoby***Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Afroerydemus decellei Selman****Status:** leaf feeder**Distribution:** Ivory Coast (Selman 1973)

**Afroerydemus gussifeldi (Karsch)****Status:** leaf feeder**Distribution:** Ghana (Anon 1967)**Afroerydemus sp.****Status:** leaf feeder**Distribution:** Ghana (Lodos 1968c)**Antytipona epiphania Bechyne****Status:** leaf feeder**Distribution:** Brazil (Ferronato 2000)**Antytipona sp.****Status:** leaf feeder**Distribution:** Brazil (Ferronato 2000)**Apolepis atra Lefevre****Status:** leaf feeder**Distribution:** Indonesia Java (Kalshoven 1950-51)**Basilepta aeneipenne Motschulsky***Synonyms: Nodostoma oeneipenne Baly***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Lever 1953)**Cayetunya sp.****Status:** leaf feeder**Distribution:** Brazil (Ferronato 2000)**Cleoporus theobromae Gressitt****Status:** leaf feeder**Distribution:** Papua New Guinea (Gressitt 1965b)**Predators:** Crematogaster sp. , Ivory Coast (Nguyen-Ban 1975b)

Tetramorium aculeatum (Mayr), Ivory Coast (Nguyen-Ban 1975b)

**Colaspis ?lebasi Lefevre****Status:** leaf feeder**Distribution:** Surinam (Van Dinther 1960)**Colaspis aenea Bowditch***Synonyms: Maecolaspis aenea Bowditch***Status:** root feeder**Distribution:** Brazil (Ferronato 1986)**Colaspis cacaoi Blake****Status:** leaf feeder**Distribution:** Costa Rica (Blake 1973)**Colaspis calcalifera (Bechyne)****Status:** leaf feeder**Distribution:** Brazil (Ferronato 2000)**Colaspis occidentalis (Linnaeus)***Synonyms: Colaspis flavicornis (Fabricius)***Status:** leaf feeder, shoot feeder**Distribution:** Brazil (Bondar 1924c)**Colaspis ornata Germar***Synonyms: Maecolaspis ornata (Germar), Percolaspis ornata Germar***Status:** leaf feeder, root feeder**Distribution:** Brazil (De Abreu 1968)**Colaspis sp.****Status:** leaf feeder

**Distribution:** Brazil (Bicelli Silveira & De Barros-Mendes 1989), Costa Rica (Weber 1957), Surinam (Reyne 1921), Trinidad & Tobago (Guppy 1911c)

**Colaspis trivialis Boheman**

**Status:** leaf feeder, shoot feeder

**Distribution:** Brazil (Bondar 1924c)

**Colaspis varia Lefevre**

**Status:** leaf feeder

**Distribution:** Brazil (Bovi Coral & Parra 1977)

**Corynodes azureus Sahlberg**

**Status:** leaf feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Coytiera pertusa (Lefevre)**

**Status:** leaf feeder

**Distribution:** Brazil (Ferronato 2000)

**Demotina sp.**

**Status:** leaf feeder

**Distribution:** Indonesia Sulawesi (Bos Steffan-Dewenter & Tschardtke 2007), Malaysia W. Malaysia (Yunus & Ho 1980)

**Deretrichia hincksi Selman**

**Status:** leaf feeder

**Distribution:** Indonesia West Irian (Selman 1963a)

**Deretrichia sp.**

**Status:** leaf feeder

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961), Papua New Guinea (Szent-Ivany 1963)

**Deretrichia szentivani Selman**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Selman 1963b)

**Ephyraea sp.**

**Status:** leaf feeder

**Distribution:** Brazil (Bicelli et al 1987)

**Habrophora sp.**

**Status:** leaf feeder

**Distribution:** Costa Rica (Weber 1957)

**Hermesilla sp.**

**Status:** leaf feeder

**Distribution:** Brazil (Ferronato 2000)

**Hylax bahiensis Bechyne**

**Status:** leaf feeder

**Distribution:** Brazil (Ferronato 2000)

**Leprocolaspis adducta (Clavaereau)**

**Status:** leaf feeder

**Distribution:** Brazil (Ferronato 2000)

**Leprocolaspis sulcata (Lefevre)**

*Synonyms: Colaspis sulcata Lefevre*

**Status:** leaf feeder

**Distribution:** Brazil (De Abreu & Smith 1973)

**Lymidus variicolor Berlese**

**Status:** leaf feeder

**Distribution:** Sao Tome & Principe (Baerlioz 1919)

**Maecolaspis occidentalis (Linnaeus)****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**Maecolaspis rugosa (Germar)****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**Maecolaspis sp. (Germar)****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**Metachroma sp.****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987), Brazil (Mendes & Garcia 1985), Costa Rica (Weber 1957)**Metaxyonycha auripennis (Germar)***Synonyms: Colaspis auripennis Germar***Status:** leaf feeder**Distribution:** Brazil (Bondar 1939a)**Noda sp.****Status:** leaf feeder**Distribution:** Brazil (Bondar 1922)**Nodonota sp.****Status:** leaf feeder**Distribution:** Brazil (De Abreu 1968), Costa Rica (Weber 1957)**Noriaia sp.****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**Nycterodina immetallica Bechyne & Bechyne****Status:** leaf feeder**Distribution:** Brazil (Ferronato 2000)**Otilea crenata (Fabricius)****Status:** leaf feeder**Distribution:** Surinam (Van Dinther 1960)**Paraivongius chalceatus (Lefebvre)***Synonyms: Menius chalceatus Lefebvre***Status:** leaf feeder**Distribution:** Zaire (Mayne 1917)**Paraivongius costatus (Jacoby)****Status:** fruit feeder, leaf feeder, root feeder**Distribution:** Ivory Coast (Selman 1973)**Paraivongius fulvicornis (Jacoby)****Status:** leaf feeder**Distribution:** Ghana (Entwistle 1972)**Paraivongius mouyassuensis Selman****Status:** leaf feeder**Distribution:** Ivory Coast (Selman 1973)**Paraivongius murrayi (Baly)***Synonyms: Menius murrayi Baly***Status:** fruit feeder, leaf feeder**Distribution:** Ivory Coast (Alibert 1951)

**Paraivongius parvulus (Jacoby)***Synonyms: Menius parvulus Jacoby***Status:** root feeder**Distribution:** Ivory Coast (Alibert 1951), Zaire (Mayne 1917)**Paraivongius pidigalaensis Selman****Status:** leaf feeder**Distribution:** Ivory Coast (Selman 1973)**Paraivongius semipiceus (Jacoby)****Status:** fruit feeder, leaf feeder**Distribution:** Ghana (Lodos 1968c)**Paraivongius viridiaeneus (Jacoby)***Synonyms: Menius viridiaeneus Jacoby***Status:** leaf feeder, shoot feeder**Distribution:** Ghana (Lodos 1968c), Zaire (Mayne 1917)**Paria sp.****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987), Costa Rica (Weber 1957)**Percolaspis sp.****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**Pheloticus costatipennis (Jacoby)***Synonyms: Syagrus costatipennis Jacoby***Status:** leaf feeder**Distribution:** Madagascar (Baerlioz 1919)**Phytorus destructor Jacoby****Status:** leaf feeder**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961), Papua New Guinea (Deputy 1956)**Phytorus dilatatus Jacoby***Synonyms: Phytorus simplex Lefroy***Status:** leaf feeder**Distribution:** Indonesia (Menzel 1925), Malaysia W. Malaysia (Yunus & Ho 1980)**Primary parasites:** Phytorophaga ventralis Bezzi, Indonesia (Menzel 1925)**Plaumannita sp.****Status:** leaf feeder**Distribution:** Brazil (Ferronato 2000)**Podoxenus sp.****Status:** leaf feeder**Distribution:** Brazil (Ferronato 2000)**Prionodera bicolor Olivier****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**Rhabdopterus ?limbalis Lefevbre****Status:** leaf feeder**Distribution:** Surinam (Van Dinther 1960)**Rhabdopterus limbalis Lefevbre****Status:** leaf feeder**Distribution:** Guyana (Bodkin 1919b)**Rhabdopterus sp.****Status:** leaf feeder

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**Distribution:** Brazil (Bicelli Silveira & De Barros-Mendes 1989), Costa Rica (Weber 1957)

**Rhyparida basalis Baly**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Rhyparida bougainvillea Gressitt**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Bourke et al 1971)

**Rhyparida coriacea Jacoby**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1963)

**Rhyparida duni Gressitt**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Gressitt 1965b)

**Rhyparida impressipennis Bryant**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Rhyparida impuncticollis Baly**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Rhyparida iridipennis Jacoby**

**Status:** fruit feeder, leaf feeder, shoot feeder

**Distribution:** Malaysia Sabah (Khoo Ooi & Ho 1991)

**Rhyparida obscuripennis Jacoby**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Rhyparida sp.**

**Status:** leaf feeder

**Distribution:** Caroline Is (Migvar 1965), Indonesia West Irian (Schreurs & Simon-Thomas 1961), Papua New Guinea (Szent-Ivany 1963)

**Rhyparida sp. near atra Lea**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

**Rhyparida sp. near basalis Baly**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

**Rhyparida sp. near instabilis Baly**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

**Rhyparida sp. near quadraticollis Arrow**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Rhyparidella arachi (Gressitt)**

*Synonyms:* *Rhyparida arachi* Gressitt

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Gressitt 1963)

**Rhyparidella cacaona (Gressitt)**

*Synonyms:* *Rhyparida cacaona* Gressitt

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Gressitt 1965b)

**Spintherophyta sp. near servula (Lefevre)****Status:** flower feeder**Distribution:** Costa Rica (Young 1988)**Stethotes sp.****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1963)**Sygarus sp.****Status:** leaf feeder**Distribution:** Ivory Coast (Lavabre Decelle & Debord 1963)**Taimbezinhia theobromae (Bryant)***Synonyms: Nodonota theobromae Bryant***Status:** leaf feeder**Distribution:** Brazil (Bondar 1924c)**Typophorus signatus Lefevre****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**COLEOPTERA CHRYSOMELIDAE GALERUCINAE****Acalymma sp.****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**Apophyllia nigricollis Allard****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Asbecesta cyanipennis Harold****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Asbecesta transversa capensis Allard****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Aulacophora papuana Jacoby****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Bonesia quinquepunctata (Klug)****Status:** leaf feeder**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)**Chthoneis sp.****Status:** leaf feeder**Distribution:** Costa Rica (Weber 1957)**Coelomera lanio Dalman***Synonyms: Coelomera lata Baly, Palpoxenia sp. near laeta Baly***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Dercetis sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Diabrotica atrosignata Baly****Status:** leaf feeder



**Distribution:** Brazil (Bicelli et al 1987)

**Diabrotica deliqua Weise**

**Status:** leaf feeder

**Distribution:** Brazil (Bovi Coral & Parra 1977)

**Diabrotica sp.**

**Status:** leaf feeder

**Distribution:** Brazil (Bicelli et al 1987), Trinidad & Tobago (Guppy 1911c)

**Diacantha melanoptera (Thomson)**

*Synonyms: Hyperacantha melanoptera Thomson*

**Status:** fruit feeder, leaf feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Diacantha soyauxi Karsch**

*Synonyms: Hyperacantha soyauxi Karsch*

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Eccoptopsis sp.**

**Status:** leaf feeder

**Distribution:** Brazil (Bicelli et al 1987)

**Eugaleruca placida Bryant**

*Synonyms: Megaleruca placida Bryant*

**Status:** leaf feeder

**Distribution:** Ghana (Anon 1967)

**Exora encaustica Germar**

**Status:** leaf feeder

**Distribution:** Brazil (Bicelli et al 1987)

**Exora obsoleta Fabricius**

**Status:** leaf feeder

**Distribution:** Brazil (Bondar 1939a)

**Hoplasoma unicolor (Illiger)**

**Status:** leaf feeder

**Distribution:** China (Li Wang & Waterhouse 1997)

**Lamprocopa occidentalis (Weise)**

*Synonyms: Copa occidentalis Weise*

**Status:** leaf feeder

**Distribution:** Ivory Coast (Lavabre Decelle & Debord 1963)

**Leptaulaca occidentalis Weise**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Leptaulaca vinula Erichson**

**Status:** leaf feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Luperus sp.**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Megaleruca griseosericans Thomson**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Microlepta sp.**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Mimastra plattseuwi Duvivier**

*Synonyms:* *Haplosomoides plattseuwi Duvivier*

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Monolepta elegans Allard**

*Synonyms:* *Monolepta intermedia Ritsema*

**Status:** leaf feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Monolepta goldingi Bryant**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Monolepta jacobyi Weise**

**Status:** leaf feeder

**Distribution:** Indonesia Sulawesi (Bos Steffan-Dewenter & Tschardtke 2007)

**Monolepta longitarsis Jacoby**

**Status:** leaf feeder

**Distribution:** India (Kumar 1976)

**Monolepta metallica Jacoby**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)

**Monolepta semiviolacea Fauvel**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Monolepta sp.**

**Status:** leaf feeder

**Distribution:** Costa Rica (Weber 1957), Ghana (Entwistle 1972)

**Monolepta sp. near bipartita Jacoby**

**Status:** leaf feeder

**Distribution:** Costa Rica (Young 1988)

**Monolepta theobromae Bryant**

**Status:** leaf feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Monomacra sp.**

**Status:** leaf feeder

**Distribution:** Brazil (Bicelli et al 1987)

**Neobrotica ebraea (Fabricius)**

**Status:** leaf feeder

**Distribution:** Surinam (Van Dinther 1960)

**Neobrotica sp.**

**Status:** leaf feeder

**Distribution:** Trinidad & Tobago (Guppy 1911c)

**Phyllobroticella ochracea Weise**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Phyllobroticella sp. near nigripennis Laboissiere**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Platyxantha theobromae Bryant****Status:** leaf feeder**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)**Prasyptera antennata Jacoby****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Pseudaplosonyx caeruleipennis Duvivier****Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924)**Pyrrhalta placida (Baly)****Status:** leaf feeder**Distribution:** Nigeria (Eguagie 1970)**Stenoplatys picea (Fabricius)****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Synbrotica sp.****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**Trichobrotica sp.****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**COLEOPTERA CHRYSOMELIDAE HALTICINAE****Altica cyanea (Weber)****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Altica inaequalis (Allard)***Synonyms: Haltica inaequalis (Allard)***Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Apthona elegantula Laboissiere****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Asphaera sp.****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Guppy 1911c)**Cacoscelis sp.****Status:** leaf feeder**Distribution:** Brazil (Bovi Coral & Parra 1977)**Crepidodera sp.****Status:** leaf feeder**Distribution:** Costa Rica (Weber 1957)**Disonycha sp.****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Guppy 1911c)**Euphitrea wallacei Baly****Status:** leaf feeder**Distribution:** Indonesia Java (Dammerman 1929)

**Gabonia nucleus** Weise**Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Gabonia theobromae** (Bryant)*Synonyms: Jamesonia theobromae* Bryant**Status:** leaf feeder**Distribution:** Ivory Coast (Bryant 1944)**Heikertingerella adusta** (Harold)*Synonyms: Homophylla adusta* Harold**Status:** leaf feeder**Distribution:** Brazil (Bondar 1924c)**Hypantherus** sp.**Status:** leaf feeder**Distribution:** Brazil (Bovi Coral & Parra 1977)**Longitarsus** sp.**Status:** leaf feeder**Distribution:** Costa Rica (Weber 1957)**Neorthaea micans** (Baly)*Synonyms: Euphitrea micans* Baly**Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924)**Nisocera** sp. near *psyche* (Baly)**Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Nisotra gemella** (Erichson)*Synonyms: Podagricra gemella* (Erichson)**Status:** leaf feeder**Distribution:** Indonesia Java (Dammerman 1929), Malaysia W. Malaysia (Miller 1941)**Nisotra rotundata** Jacoby**Status:** leaf feeder**Distribution:** Indonesia Java (Deputy 1956)**Nisotra theobromae** Laboulbene**Status:** leaf feeder**Distribution:** Sao Tome & Principe (De Seabra 1919d)**Oedionychus** sp.**Status:** leaf feeder**Distribution:** Trinidad & Tobago (Guppy 1911c)**Omophoita** sp.**Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**Oxygona** sp.**Status:** leaf feeder**Distribution:** Brazil (Bondar 1939a)**Phygasia concolor** Fabricius*Synonyms: Phygasia gabonensis* (Jacoby)**Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Phygasia** sp.**Status:** leaf feeder**Distribution:** Ghana (Majer 1975)

**Podagrica sp.****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Podagrica spadicea Dalman****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Poephila costatipennis (Jacoby)****Status:** leaf feeder**Distribution:** Cameroon (Mayne 1917)**Sphaeroderma sp.****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Sutrea sp.****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**COLEOPTERA CHRYSOMELIDAE HISPINAE****Chirida baumanni Spaeth***Synonyms: Chiridopsis baumanni Spaeth***Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Chirida quadriplagiata Boheman***Synonyms: Chiridopsis quadriplagiata Boheman***Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Dactylispa echinata Gyllenhal****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**COLEOPTERA CHRYSOMELIDAE MEGASCELINAE****Megascelis sp.****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987), Costa Rica (Weber 1957)**COLEOPTERA CICINDELIDAE****Neocollyris bonellii (Guerin-Meneville)***Synonyms: Collyris bonellii Guerin-Meneville***Status:** branch feeder**Distribution:** Indonesia Java (Dammerman 1929)**COLEOPTERA CISIDAE****Cis sp.****Status:** no record**Distribution:** Ghana (Majer 1975)

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**COLEOPTERA CLERIDAE**
**Cephaloclerus sp.****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Corynetes abdominalis Fabricius****Status:** dead wood feeder**Distribution:** Ivory Coast (Alibert 1951)**Necrobia rufipes DeGeer****Status:** seed feeder/storage**Distribution:** Ivory Coast (Entwistle 1972), Nigeria (Mejule & Onyuike 1979), Sao Tome & Principe (De Gouveia & Da Sousa 1968)**Phaeocyclotomus sp.****Status:** predator**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)**Predator of:** Not recorded -, Ghana (Majer 1975)**Thaneroclerus buqueti (Lefebvre)****Status:** seed feeder/storage**Distribution:** Malaysia Sabah (Asimah & Lopez 2000), Nigeria (Mejule & Onyuike 1979)**COLEOPTERA COCCINELLIDAE****Cheilomenes sulphurea (Olivier)****Status:** predator**Distribution:** Sao Tome & Principe (Entwistle 1972)**Predator of:** Mesohomotoma tessmanni (Aulmann), Sao Tome & Principe (Entwistle 1972)**Cheilomenes vicinia Mulsant****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Chilocorus cacti (Linnaeus)****Status:** predator**Distribution:** Sao Tome & Principe (Castel-Branco 1971)**Predator of:** Asterolecanium pustulans princeps Castel Branco, Sao Tome & Principe (Castel-Branco 1971)**Coelophora vesiculata Chazeau****Status:** predator**Distribution:** Papua New Guinea (Chazeau 1989)**Predator of:** Not recorded -, Papua New Guinea (Chazeau 1989)**Cycloneda sanguinea (Linnaeus)***Synonyms:* *Neda sanguinea* Linnaeus**Status:** predator**Distribution:** Brazil (Bondar 1922)**Predator of:** Toxoptera aurantii (Boyer de Fonscolombe), Brazil (Bondar 1922)**Endochilus brunneocincta Sicard****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Endochilus niger Fursch****Status:** predator

**Distribution:** Ghana (Majer 1975)  
**Predator of:** Not recorded -, Ghana (Majer 1975)

### **Endochilus rubicundus Weise**

**Status:** predator  
**Distribution:** Ghana (Majer 1975)  
**Predator of:** Not recorded -, Ghana (Majer 1975)

### **Epilachna bissexguttata Weise**

**Status:** predator  
**Distribution:** Ghana (Majer 1975)  
**Predator of:** Not recorded -, Ghana (Majer 1975)

### **Exochomus flavipes Thunberg**

**Status:** predator  
**Distribution:** Ghana (Anon 1953c), Ghana (Donald 1956), Sao Tome & Principe (De Seabra 1919a)  
**Predator of:** Ferrisia virgata (Cockerell), Ghana (Anon 1953c)  
 Selenothrips rubrocinctus (Giard), Sao Tome & Principe (De Seabra 1919a)

### **Exochomus melanocephalus (Zoubkoff)**

**Status:** predator  
**Distribution:** Sri Lanka (Carter 1956)  
**Predator of:** Ferrisia virgata (Cockerell), Sri Lanka (Carter 1956)  
 Planococcus citri (Risso), Sri Lanka (Carter 1956)  
 Planococcus lilacinus (Cockerell), Sri Lanka (Carter 1956)

### **Exochomus promptus Weise**

**Status:** predator  
**Distribution:** Ghana (Majer 1975)  
**Predator of:** Not recorded -, Ghana (Majer 1975)

### **Exochomus sp. near flavipes Thunberg**

**Status:** predator  
**Distribution:** Ghana (Donald 1956)  
**Predator of:** Ferrisia virgata (Cockerell), Ghana (Donald 1956)

### **Hyperaspis egregia Mader**

**Status:** predator  
**Distribution:** Ghana (Ackonor 1997)  
**Predator of:** Formicococcus njalensis (Laing), Ghana (Ackonor 1997)  
 Planococcus citri (Risso), Ghana (Ackonor 2002)

### **Hyperaspis jucunda (Mulsant)**

**Status:** predator  
**Distribution:** Trinidad & Tobago (Kirkpatrick 1953b)  
**Predator of:** Dysmicoccus brevipes (Cockerell), Trinidad & Tobago (Kirkpatrick 1953b)  
 Planococcus citri (Risso), Trinidad & Tobago (Kirkpatrick 1953a)

### **Hyperaspis sp.**

**Status:** predator  
**Distribution:** Brazil (Bicelli et al 1987)  
**Predator of:** Not recorded -, Brazil (Bicelli et al 1987)

### **Isora anceps Mulsant**

**Status:** predator  
**Distribution:** Zaire (Mayne & Ghesquiere 1934)  
**Predator of:** Toxoptera aurantii (Boyer de Fonscolombe), Zaire (Mayne & Ghesquiere 1934)

### **Nephus eburneus Mulsant**

**Status:** predator  
**Distribution:** Ghana (Majer 1975)  
**Predator of:** Not recorded -, Ghana (Majer 1975)

**Nephus ochripes Weise****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Nephus ornatulus Korschevsky***Synonyms: Scymnus ornatulus Korschevsky***Status:** predator**Distribution:** Ghana (Donald 1956)**Primary parasites:** Homalotylus africanus Timberlake, Ghana (Donald 1956)

Homalotylus sp. , Ghana (Donald 1956)

Homalotylus sp. near quaylei Timberlake, Ghana (Donald 1956)

**Predator of:** Ferrisia virgata (Cockerell), Ghana (Donald 1956)

Phenacoccus madeirensis Green, Ghana (Donald 1956)

Pseudococcus longispinus (Targioni Tozzetti), Ghana (Donald 1956)

**Nephus vallens Chazeau****Status:** predator**Distribution:** Papua New Guinea (Chazeau 1987)**Predator of:** Not recorded -, Papua New Guinea (Chazeau 1987)**Novius sp.****Status:** predator**Distribution:** Ghana (Cotterell 1927c)**Predator of:** Toxoptera aurantii (Boyer de Fonscolombe), Ghana (Cotterell 1927c)**Ortalia ochracea Weise****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Ortalia pallens Mulsant****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Platynaspis ferruginea Weise****Status:** predator**Distribution:** Ghana (Firempong & Kumar 1975)**Predator of:** Toxoptera aurantii (Boyer de Fonscolombe), Ghana (Firempong & Kumar 1975)**Platynaspis higginsii Crotch****Status:** predator**Distribution:** Ghana (Donald 1956), Nigeria (Donald 1955b), Togo (Dufour 1991)**Predator of:** Formicococcus njalensis (Laing), Ghana (Donald 1956), Nigeria (Donald 1955b), Togo (Dufour 1991)

Planococcus citri (Risso), Ghana (Donald 1956), Nigeria (Donald 1955b)

Planococcus kenyae (Le Pelley), Nigeria (Donald 1955b)

**Platynaspis kollari Mulsant****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Platynaspis solieri Mulsant****Status:** predator**Distribution:** Ghana (Majer 1975), Togo (Dufour 1991)**Predator of:** Not recorded -, Ghana (Majer 1975)

Toxoptera aurantii (Boyer de Fonscolombe), Togo (Dufour 1991)

**Rodolia senegalensis Weise****Status:** predator



**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

### **Scymnus apiciflavus Motschulsky**

**Status:** predator

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Predator of:** Not recorded -, Malaysia W. Malaysia (Yunus & Ho 1980)

### **Scymnus kibonotensis Weise**

**Status:** predator

**Distribution:** Ghana (Donald 1956), Togo (Dufour 1991)

**Predator of:** Formicococcus njalensis (Laing), Ghana (Donald 1956)

Toxoptera aurantii (Boyer de Fonscolombe), Togo (Dufour 1991)

### **Scymnus majeri Fursch**

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

### **Scymnus scapuliferus Mulsant**

**Status:** predator

**Distribution:** Ghana (Firempong & Kumar 1975)

**Predator of:** Toxoptera aurantii (Boyer de Fonscolombe), Ghana (Firempong & Kumar 1975)

### **Scymnus sp.**

**Status:** predator

**Distribution:** Ghana (Ackonor 1997), Ghana (Donald 1956), Malaysia W. Malaysia (Miller 1941), Nigeria (Donald 1955b), Togo (Dufour 1991), Trinidad & Tobago (Kirkpatrick 1953a)

**Predator of:** Formicococcus njalensis (Laing), Ghana (Ackonor 1997), Ghana (Donald 1956)

Not recorded -, Malaysia W. Malaysia (Miller 1941)

Planococcus citri (Risso), Ghana (Ackonor 2002), Ghana (Donald 1956), Nigeria (Donald 1955b), Trinidad & Tobago (Kirkpatrick 1953a)

Planococcus lilacinus (Cockerell), Malaysia (Khoo Ooi & Ho 1991)

Rastrococcus spinosus (Robinson), Malaysia (Khoo Ooi & Ho 1991)

Toxoptera aurantii (Boyer de Fonscolombe), Togo (Dufour 1991)

## **COLEOPTERA CURCULIONIDAE**

### **Acicnemis dumalis Faust**

**Status:** fruit feeder

**Distribution:** Malaysia W. Malaysia (Miller 1941)

### **Acicnemis incisidens Marshall**

**Status:** no record

**Distribution:** Vanuatu (Risbec 1937)

### **Acicnemis sp.**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

### **Acryptorrhynchus sp.**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

### **Agametis festiva Pascoe**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

### **Alcidodes aschanticus (Faust)**

*Synonyms:* *Alcides aschanticus Faust*

**Status:** no record

**Distribution:** Zaire (Mayne 1917)

**Alcidodes australis (Boisduval)****Status:** branch feeder**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Alcidodes discedens Pascoe****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Alcidodes erroneus (Thomson)***Synonyms: Alcides erroneus Thomson***Status:** branch feeder**Distribution:** Zaire (Mayne 1917)**Alcidodes leeuweni (Heller)***Synonyms: Alcides leeuweni (Heller)***Status:** branch feeder**Distribution:** Indonesia Java (Anon 1912)**Primary parasites:** Euderus torymoides (Ferriere), Indonesia Java (Ferriere 1931)**Alcidodes olivaceus (Gerstaeker)****Status:** branch feeder**Distribution:** Madagascar (Frappa 1930)**Alcidodes sp.****Status:** stem/trunk feeder**Distribution:** Ghana (Owusu-Manu 1976), Malaysia W. Malaysia (Yunus & Ho 1980)**Alcidodes theobromae (Marshall)***Synonyms: Alcides theobromae Marshall***Status:** branch feeder**Distribution:** Zaire (Marshall 1918)**Alocorhinus albolineatus Heyne & Taschenberg****Status:** no record**Distribution:** Brazil (Bovi Coral & Parra 1977)**Amadus notatus (Pascoe)****Status:** branch feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Apirocalus cornutus cornutus Pascoe****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Apirocalus ebrius ebrius Faust****Status:** leaf feeder**Distribution:** Papua New Guinea (Thompson 1977)**Apirocalus hydrographicus Marshall****Status:** leaf feeder**Distribution:** Papua New Guinea (Thompson 1977)**Aracanthus sp.****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Arniticus bondari Marshall****Status:** no record**Distribution:** Brazil (Marshall 1933)**Balaninus sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

**Balaninus sp. near missionis Heller****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Bastactes sp.****Status:** no record**Distribution:** Brazil (Bovi Coral & Parra 1977)**Blosyrus dorsalis Jekel****Status:** leaf feeder**Distribution:** Zaire (Mayne 1917)**Blosyrus obliquatus Duvivier****Status:** leaf feeder**Distribution:** Zaire (Mayné & Donis 1962)**Blosyrus similis Hustache****Status:** no record**Distribution:** Ivory Coast (Lavabre 1966), Zaire (Lavabre 1966)**Brachyomus tuberculatus (Boheman)****Status:** no record**Distribution:** Trinidad & Tobago (Guppy 1911c)**Bryochaeta confusa Roudier****Status:** leaf feeder**Distribution:** Ivory Coast (Hoffman 1966)**Bryochaeta interrupta Faust****Status:** leaf feeder**Distribution:** Ivory Coast (Hoffman 1966)**Bryochaeta lavabrei Hoffman****Status:** leaf feeder**Distribution:** Ivory Coast (Hoffman 1966)**Bryochaeta pusilla (Pascoe)****Status:** leaf feeder**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)**Bryochaeta quadrimaculata Faust****Status:** leaf feeder**Distribution:** Ivory Coast (Hoffman 1966)**Bryochaeta sp.****Status:** leaf feeder**Distribution:** Ivory Coast (Lavabre 1966)**Byzes nodifer (Boheman)****Status:** no record**Distribution:** Brazil (Marshall 1936)**Catascythropus acuticollis Kolbe****Status:** leaf feeder**Distribution:** Zaire (Mayne 1917)**Cercidocerus albicollis Olivier****Status:** leaf feeder**Distribution:** Zaire (Mayné & Donis 1962)**Chalcodermus camposi Bondar****Status:** no record**Distribution:** Brazil (Silva 1944a)

**Chalcodermus marshalli Bondar****Status:** shoot feeder**Distribution:** Brazil (Bondar 1930a)**Chaunoderus transversalis Faust****Status:** leaf feeder**Distribution:** Zaire (Mayne 1917)**Chelyophyes angulatus (Hustache)***Synonyms: Chelyophyes hemisphaericus Marshall***Status:** leaf feeder**Distribution:** Ivory Coast (Marshall 1944)**Cnemidothrix protensus Fairmaire****Status:** no record**Distribution:** Vanuatu (Cohic 1953)**Compsus molitor Rosen****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Compsus sp.****Status:** no record**Distribution:** Brazil (Bicelli Silveira & De Barros-Mendes 1989)**Conotrachelus costirostris Boheman****Status:** fruit feeder, shoot feeder**Distribution:** Brazil (Bondar 1937)**Conotrachelus curvecostatus Marshall****Status:** leaf feeder**Distribution:** Brazil (Marshall 1929), French Guiana (Marshall 1929)**Conotrachelus humeropictus Fielder****Status:** shoot feeder**Distribution:** Brazil (Mendes et al 1987)**Conotrachelus inconcinnus Boheman****Status:** fruit feeder, shoot feeder**Distribution:** Brazil (Bondar 1937)**Conotrachelus mamillatus Boheman****Status:** fruit feeder, shoot feeder**Distribution:** Brazil (Bondar 1937)**Conotrachelus praeustus Boheman****Status:** fruit feeder, shoot feeder**Distribution:** Brazil (Bondar 1937)**Conotrachelus quadrinotatus Fabricius****Status:** fruit feeder, shoot feeder**Distribution:** Brazil (Bondar 1937)**Conotrachelus semicalvus Marshall****Status:** fruit feeder, shoot feeder**Distribution:** Brazil (Silva 1944a)**Conotrachelus sp.****Status:** shoot feeder**Distribution:** Brazil (Bicelli et al 1987)**Coryssopus sp.****Status:** collar feeder**Distribution:** Nigeria (Donald 1959)

**Cosmopolites sordidus (Germar)***Synonyms: Sphenophorus striatus Fabricius***Status:** stem/trunk feeder**Distribution:** Fiji (Aulmann & La Baume 1912), Sao Tome & Principe (Aulmann & La Baume 1912)**Costovia brunnea (Hustache)***Synonyms: Zyrcoza brunnea Hustache***Status:** leaf feeder**Distribution:** Guinea (Lavabre 1966), Ivory Coast (Hoffman 1966), Zaire (Lavabre 1966)**Cryptorrhynchus africanus Hustache****Status:** branch feeder**Distribution:** Zaire (Mayné & Donis 1962)**Curculio ?missionis (Heller)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Curculio sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Cyamobolus sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Cycloteres socius Hustache****Status:** stem/trunk feeder**Distribution:** Madagascar (Lavabre 1964)**Cycloteres variegatus Hustache****Status:** stem/trunk feeder**Distribution:** Madagascar (Lavabre 1964)**Desmidophorus brevisculus Hubenthal****Status:** shoot feeder**Distribution:** Vietnam (Caresche 1937)**Desmidophorus hebes (Fabricius)****Status:** root feeder, shoot feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Elytrocheilus coeruleatus (Pascoe)****Status:** leaf feeder, stem/trunk feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Elytrurus risbeci Marshall****Status:** no record**Distribution:** Vanuatu (Risbec 1937)**Epilaris fuscomaculata Heller****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Eupholus browni Bates****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Eupholus geoffroyi Guerin-Meneville****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Eupholus schoenherri (Guerin-Meneville)****Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Eupholus semicoeruleus Heller**

**Status:** leaf feeder

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

**Eupholus sp.**

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Eupiona attalica Pascoe**

**Status:** leaf feeder

**Distribution:** Zaire (Mayné & Donis 1962)

**Eupiona tripartita Faust**

**Status:** leaf feeder

**Distribution:** Zaire (Mayne 1917)

**Exophthalmida glauca Faust**

**Status:** no record

**Distribution:** Papua New Guinea (Dun 1954b)

**Exophthalmus vittatus (Linnaeus)**

**Status:** root feeder, stem/trunk feeder

**Distribution:** Jamaica (Urquhart 1957)

**Ganyopsis leucura Pascoe**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Geotragus inflatus Faust**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Heilipinus sp.**

**Status:** fruit feeder, shoot feeder

**Distribution:** Brazil (Bicelli et al 1987)

**Heilipodus clavipes Fabricius**

**Status:** fruit feeder, shoot feeder

**Distribution:** Brazil (Bondar 1923c)

**Heilipodus echinatus (Boheman)**

*Synonyms: Heilipodus monitor (Pascoe)*

**Status:** fruit feeder, shoot feeder

**Distribution:** Brazil (Silva 1944a)

**Heilipodus ocellatus (Olivier)**

**Status:** shoot feeder

**Distribution:** Brazil (Silva 1944a)

**Heilipodus sp.**

**Status:** shoot feeder

**Distribution:** Brazil (Bicelli et al 1987)

**Heilipus ?unifasciatus Champion**

**Status:** leaf feeder

**Distribution:** Surinam (Van Dinther 1960)

**Heilipus unifasciatus Champion**

**Status:** fruit feeder, shoot feeder

**Distribution:** Colombia (Urueta Sandino 1975b)

**Heilus sp.**

**Status:** no record

**Distribution:** Brazil (Bovi Coral & Parra 1977)

**Heterostylus cuspidatus Faust**

**Status:** no record

**Distribution:** Zaire (Mayné & Donis 1962)

**Hoplopactus perfidus (Marshall)**

*Synonyms:* *Moropactus perfidus* Marshall

**Status:** no record

**Distribution:** Brazil (Marshall 1938)

**Hypomeces squamosus (Fabricius)**

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Lever 1953)

**Hypotactus ruralis (Faust)**

**Status:** shoot feeder

**Distribution:** Papua New Guinea (Dun 1954b)

**Hypotactus sp.**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

**Hypsonotus frontalis Marshall**

**Status:** no record

**Distribution:** Brazil (Marshall 1933)

**Hypsonotus modestus Marshall**

**Status:** no record

**Distribution:** Brazil (Marshall 1936)

**Hypsonotus parceguttatus Marshall**

**Status:** no record

**Distribution:** Brazil (Marshall 1936)

**Hypsonotus rhombifer Marshall**

**Status:** leaf feeder

**Distribution:** Brazil (Marshall 1925)

**Idiopsodes coerulea (Faust)**

*Synonyms:* *Idiopsis coerulea* Faust

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Idiopsodes grisea (Faust)**

*Synonyms:* *Idiopsis grisea* Faust

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Idiopsodes sp. near ocularis (Lea)**

*Synonyms:* *Idiopsis sp. near ocularis* Lea

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

**Isanates aculeatus Marshall**

**Status:** leaf feeder

**Distribution:** Zaire (Mayné & Donis 1962)

**Isanates gemmeus Hustache**

**Status:** leaf feeder

**Distribution:** Cameroon (Lavabre 1966)

**Isaniris sp.**

**Status:** no record

**Distribution:** Ivory Coast (Lavabre Decelle & Debord 1963)

**Isaniris thomsoni Faust**

**Status:** leaf feeder

**Distribution:** Cameroon (Lavabre 1966), Guinea (Lavabre 1966), Zaire (Lavabre 1966)

**Isaniris viridimicans Thomson**

**Status:** leaf feeder

**Distribution:** Central African Republic (Lavabre 1966), Ivory Coast (Lavabre 1966)

**Ischnomias donckieri Faust**

**Status:** leaf feeder, shoot feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Ischnotrachelus abidjanensis Hoffman**

**Status:** leaf feeder

**Distribution:** Ivory Coast (Hoffman 1966)

**Ischnotrachelus alternatus Heller**

**Status:** leaf feeder

**Distribution:** Ivory Coast (Hoffman 1966)

**Ischnotrachelus anchoralis Faust**

**Status:** leaf feeder

**Distribution:** Zaire (Mayne 1917)

**Ischnotrachelus bellus Hustache**

**Status:** leaf feeder

**Distribution:** Zaire (Mayné & Donis 1962)

**Ischnotrachelus concinnus Faust**

**Status:** no record

**Distribution:** Gabon (Lavabre 1966), Ivory Coast (Lavabre 1966), Zaire (Lavabre 1966)

**Ischnotrachelus dorsalis Chevrolat**

**Status:** leaf feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Ischnotrachelus sp.**

**Status:** leaf feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Ischnotrachelus theobromae Marshall**

**Status:** leaf feeder

**Distribution:** Equatorial Guinea Bioko (Marshall 1929)

**Isoleptus pulverulentus Montrouzier**

*Synonyms: Isoleptus variegatus Faust*

**Status:** bark feeder

**Distribution:** Papua New Guinea (Aulmann & La Baume 1912)

**Ithiporus stolidus Hustache**

**Status:** no record

**Distribution:** Ivory Coast (Lavabre 1966), Zaire (Lavabre 1966)

**Lasiopus cilipes (Sconherr)**

**Status:** leaf feeder

**Distribution:** Brazil (Silva 1944a)

**Lavabrenymus armatus Roff.**

**Status:** no record

**Distribution:** Ivory Coast (Hoffman 1966)

**Lordops aurosa (Germar)**

**Status:** no record



**Distribution:** Brazil (Silva 1944a)

**Lordops gyllenhalii (Dalman)**

**Status:** no record

**Distribution:** Brazil (Silva 1944a)

**Lordops sp.**

**Status:** leaf feeder

**Distribution:** Brazil (De Abreu 1968)

**Macrocorynus alboscuteclatus Hustache**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Marshallius bonellii (Boheman)**

**Status:** leaf feeder, shoot feeder

**Distribution:** Brazil (Silva 1944a)

**Mechistocerus planidorsis Hustache**

**Status:** no record

**Distribution:** Ivory Coast (Lavabre 1966)

**Mecopus doryphorus (Quoy & Gaimard)**

**Status:** fruit feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Meroleptus squalidus Marshall**

**Status:** fruit feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Moropactus leucospilus (Germar)**

**Status:** no record

**Distribution:** Brazil (Marshall 1938)

**Myllocerus curvicornis Fabricius**

**Status:** leaf feeder

**Distribution:** India (Marshall 1916)

**Myllocerus sp.**

**Status:** leaf feeder

**Distribution:** Equatorial Guinea Bioko (Cotterell 1930a)

**Naupactus bondari Marshall**

**Status:** leaf feeder

**Distribution:** Brazil (De Abreu 1972)

**Naupactus proximus Voss**

**Status:** no record

**Distribution:** Brazil (Bovi Coral & Parra 1977)

**Naupactus sp.**

**Status:** leaf feeder

**Distribution:** Brazil (De Abreu 1972)

**Naupactus suavis Boheman**

**Status:** no record

**Distribution:** Brazil (Silva 1944a)

**Neotocerus fausti Duvivier**

**Status:** flower feeder

**Distribution:** Ivory Coast (Lavabre 1966), Zaire (Lavabre 1966)

**Oribius cruciatus (Faust)**

**Status:** bark feeder, leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Oribius sp. near improvidus (Marshall)**

**Status:** leaf feeder

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

**Oribius sp. near improvidus (Marshall)**

**Status:** leaf feeder

**Distribution:** Indonesia West Irian (Simon-Thomas & Verloop 1963)

**Orthorhinus cylindrirostris (Fabricius)**

*Synonyms: Orthorhinus patruelis Pascoe*

**Status:** bark feeder

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961), Papua New Guinea (Froggatt 1938)

**Orthorhinus sp. near cylindrirostris (Fabricius)**

*Synonyms: Orthorhinus sp. near patruelis Pascoe*

**Status:** branch feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1963)

**Oxydema procer Boheman**

*Synonyms: Oxydema subcaudata Fairmaire*

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Pachnaeus litus (Germar)**

**Status:** collar feeder, root feeder

**Distribution:** Jamaica (Urquhart 1957)

**Pachyrhynchus moniliferus Germar**

**Status:** fruit feeder

**Distribution:** Philippines (Kayashima 1940)

**Palaeocorynus dorsalis Faust**

**Status:** no record

**Distribution:** Gabon (Lavabre 1966), Ivory Coast (Lavabre 1966)

**Palaeocorynus femoratus Faust**

**Status:** branch feeder, stem/trunk feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Pantomorus sp.**

**Status:** no record

**Distribution:** Brazil (Bovi Coral & Parra 1977)

**Pantorhytes albopunctulatus Heller**

**Status:** branch feeder, stem/trunk feeder

**Distribution:** Papua New Guinea (Gressitt 1966)

**Pantorhytes batesi Faust**

**Status:** branch feeder, leaf feeder

**Distribution:** Papua New Guinea (Gressitt 1966)

**Pantorhytes biplagiatus (Guerin-Meneville)**

**Status:** shoot feeder

**Distribution:** Papua New Guinea (Gressitt 1966), Solomon Is (Lever 1968)

**Predators:** *Oecophylla smaragdina* (Fabricius), Solomon Is. (Friend 1973)

**Pantorhytes healyi Gressitt**

**Status:** branch feeder, stem/trunk feeder

**Distribution:** Papua New Guinea (Gressitt 1966)

**Pantorhytes horni Stibick**

**Status:** branch feeder, stem/trunk feeder

**Distribution:** Papua New Guinea (Stibick 1978)

**Pantorhytes plutus (Oberthur)****Status:** branch feeder, leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Pantorhytes proximus Faust****Status:** branch feeder, leaf feeder**Distribution:** Papua New Guinea (Gressitt 1966)**Pantorhytes pseudocarbonarius Stibick****Status:** branch feeder**Distribution:** Papua New Guinea (Stibick 1979)**Pantorhytes quadripustulatus (Gestro)****Status:** branch feeder, stem/trunk feeder**Distribution:** Papua New Guinea (Smee 1963)**Pantorhytes rubroverrucatus Tryson****Status:** branch feeder, stem/trunk feeder**Distribution:** Papua New Guinea (Gressitt 1966)**Pantorhytes sp.****Status:** branch feeder, stem/trunk feeder**Distribution:** Papua New Guinea (Bourke et al 1971)**Pantorhytes stanleyanus (White)***Synonyms: Pantorhytes chrysomeles (Montrouzier)***Status:** branch feeder, stem/trunk feeder**Distribution:** Papua New Guinea (Anon 1969)**Pantorhytes szentivanyi Marshall****Status:** branch feeder, flower feeder, fruit feeder, leaf feeder**Distribution:** Papua New Guinea (Gressitt 1966)**Primary parasites:** Doleschalla sp. , Papua New Guinea (Baker 1978)

Pristocera rufa Kieffer, Papua New Guinea (Baker 1976b)

Propristocera sp. , Papua New Guinea (Entwistle 1972)

Singalphogastra sp. , Papua New Guinea (Entwistle 1972)

**Hyperparasites:** Exoristobia philippinensis Ashmead, Papua New Guinea (Baker 1978)

Zaplatycerus sp. , Papua New Guinea (Baker 1978)

**Predators:** Anoplolepis gracilipes (F.Smith), Papua New Guinea (Room 1975)

Evaza fortis (Walker), Papua New Guinea (Entwistle 1972)

Limonia sp. , Papua New Guinea (Entwistle 1972)

Mesochria cinctipes De Meijere, Papua New Guinea (Entwistle 1972)

Neoarcesius sp. , Papua New Guinea (Entwistle 1972)

**Pantorhytes torricellianus Heller****Status:** branch feeder, stem/trunk feeder**Distribution:** Papua New Guinea (Gressitt 1966)**Pantorhytes verrucatus (Bates)****Status:** branch feeder, stem/trunk feeder**Distribution:** Papua New Guinea (Gressitt 1966)**Paratactus sp.****Status:** leaf feeder**Distribution:** Papua New Guinea (Dun 1954b)**Peltotrachelus isabellinus Boheman****Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924)**Phytoscaphus leporinus Faust****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Piazurus sp.****Status:** fruit feeder**Distribution:** Surinam (Van Dinther 1960)**Platyachus ruralis Faust****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Platyacus lihirensis (Marshall)***Synonyms: Paratactus lihirensis Marshall***Status:** branch feeder, leaf feeder, stem/trunk feeder**Distribution:** Papua New Guinea (Marshall 1957)**Platyacus papuana Oberthur****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Platymycteropsis subvirens (Boheman)***Synonyms: Myllocerus subvirens Boheman***Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924)**Plectrophoroides incertus Voss***Synonyms: Plectrophorus incertus Silva & Costa***Status:** no record**Distribution:** Brazil (Voss 1990)**Polyrhabdotos transversalis Faust****Status:** no record**Distribution:** Tanzania (Morstatt 1913)**Proictes curvipes Boheman****Status:** no record**Distribution:** Ivory Coast (Hoffman 1966)**Proictes schachae Hoffman****Status:** no record**Distribution:** Ghana (Gibbs & Leston 1970)**Prosicoderus ciconia (Gyllenhal)***Synonyms: Erodiscus ciconia Gyllenhal***Status:** stem/trunk feeder**Distribution:** Brazil (Bondar 1924b)**Pseudominus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Pseudophytoscaphus triangularis (Olivier)***Synonyms: Phytoscaphus triangularis Olivier***Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924)**Pseudopiazurus obesus Boheman****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Pseudoporoapterus sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Rhadinocopes echinatus Marshall****Status:** no record**Distribution:** Ivory Coast (Hoffman 1966)

**Rhadinomerus cribratus (Pascoe)***Synonyms: Mecistocerus cribratus Pascoe***Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Rhadinomerus sp.****Status:** no record**Distribution:** Ghana (Majer 1975), Malaysia W. Malaysia (Yunus & Ho 1980)**Rhineilipus sp.****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Rhinoscapha amicta (Wiedemann)****Status:** leaf feeder**Distribution:** Indonesia Bali (Kalshoven 1950-51), Indonesia Java (Kalshoven 1950-51)**Rhinoscapha bifasciata Chevrolat****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Rhinoscapha schmeltzii Fairmaire****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Rhinoscapha sp.****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Rhinoscapha sp. near bifasciata Chevrolat****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Rhinoscapha sp. near tricolor Faust****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Rhinoscapha striatopunctata (Guerin-Meneville)****Status:** leaf feeder**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Rhinoscapha thomsoni Waterhouse****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Scolochirus armatipes Marshall****Status:** leaf feeder**Distribution:** Ghana (Majer 1975), Ivory Coast (Marshall 1944)**Scolochirus dentipes (Hustache)****Status:** leaf feeder**Distribution:** Ivory Coast (Lavabre 1966)**Sitophilus oryzae Linnaeus****Status:** seed feeder/storage**Distribution:** Ghana (Majer 1975)**Sitophilus sp.****Status:** seed feeder/storage**Distribution:** Brazil (Bicelli et al 1987)**Spermologus rufus Boheman****Status:** seed feeder/storage**Distribution:** Brazil (Bondar 1923a)

**Sphaeropterus albolineatus Guerin-Meneville****Status:** shoot feeder**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Stastiasstes glabratus Faust****Status:** leaf feeder**Distribution:** Zaire (Mayné & Donis 1962)**Stegotes sp.****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Stigmatrachelus striatogemellatus Boheman****Status:** leaf feeder**Distribution:** Madagascar (Lavabre 1964)**Stigmatrachelus tibialis Hustache****Status:** leaf feeder**Distribution:** Madagascar (Lavabre 1964)**Syntaphocerus pusillus Lona***Synonyms: Bryochaeta pusilla Pascoe, Syntaphocerus terrenus Hustache***Status:** bark feeder, leaf feeder**Distribution:** Central African Republic (Lavabre 1966), Ghana (Majer 1975), Ivory Coast (Alibert 1951), Ivory Coast (Lavabre 1966), Zaire (Mayné & Donis 1962)**Syrotelus falleni Boheman****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Systaniris maynei (Marshall)***Synonyms: Systates maynei (Marshall)***Status:** no record**Distribution:** Zaire (Marshall 1918)**Systaniris ramosus (Marshall)***Synonyms: Systates ramosus (Marshall)***Status:** no record**Distribution:** Zaire (Marshall 1918)**Systates amabilis Faust****Status:** leaf feeder**Distribution:** Cameroon (Lavabre 1966), Ivory Coast (Lavabre 1966), Zaire (Mayne 1917)**Thegilis theobromae Marshall****Status:** no record**Distribution:** Brazil (Marshall 1937)**Thisus sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Tomicoproctus sp.****Status:** no record**Distribution:** Zaire (Mayné & Donis 1962)**Tyloides vellericollis Marshall****Status:** leaf feeder**Distribution:** Brazil (Marshall 1929)**Xanthochelus vulneratus (Boheman)***Synonyms: Lixus vulneratus Boheman***Status:** flower feeder**Distribution:** Ivory Coast (Alibert 1951)

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**COLEOPTERA DERMESTIDAE**
**Attagenus unicolor (Brahm)****Status:** seed feeder/storage**Distribution:** Brazil (Silva 1977)**Dermestes ater De Geer***Synonyms: Dermestes cadaverinus Fabricius***Status:** no record**Distribution:** Papua New Guinea (Aulmann & La Baume 1912)**Trogoderma granarium Everts****Status:** seed feeder/storage**Distribution:** No locality (Lavabre 1967)**COLEOPTERA ELATERIDAE****Adelocera sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Aeolus sp.****Status:** no record**Distribution:** Brazil (Bovi Coral & Parra 1977)**Anchastus klugi Candeze****Status:** no record**Distribution:** Ghana (Majer 1975)**Anoplischius sp.****Status:** no record**Distribution:** Brazil (Bovi Coral & Parra 1977)**Elasmosomus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Elius sp near birmanicus Candeze****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Elius umbilicatus Candeze****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Ignelator luminosus (Illiger)***Synonyms: Pyrophorus luminosus (Illiger)***Status:** predator**Distribution:** Puerto Rico (Smyth 1917)**Predator of:** Holotrichia vandinei (Smyth), Puerto Rico (Smyth 1917)

Phyllophaga plaei (Blanchard), Puerto Rico (Smyth 1917)

**Melanoxanthus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Propsephus brevipennis Candeze****Status:** leaf feeder, root feeder**Distribution:** Ivory Coast (Alibert 1951)

**Propsephus sp.****Status:** leaf feede, root feeder**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)**Psephus sp.****Status:** no record**Distribution:** Ivory Coast (Lavabre Decelle & Debord 1963)**Pterotarsus histrio (Guerin-Meneville)***Synonyms: Lissothyreus histria (Guerin-Meneville)***Status:** no record**Distribution:** Brazil (Bovi Coral & Parra 1977)**COLEOPTERA ENDOMYCHIDAE****Mycetina cyanipennis Arrow****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Saula sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Stenotarsus guineensis Gerstaecker****Status:** no record**Distribution:** Ghana (Majer 1975)**COLEOPTERA EROTYLIDAE****Neomycotretus ?nigrobrunneus Delk.****Status:** no record**Distribution:** Ghana (Majer 1975)**Tritoma sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Zonarius militaris Germar****Status:** no record**Distribution:** Brazil (Bovi Coral & Parra 1977)**COLEOPTERA EUCNERNIDAE****Dirhagus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**COLEOPTERA HISTERIDAE****Atholus rothkirchi Bickhart****Status:** no record**Distribution:** Ghana (Majer 1975)**Placodes senegalensis (Paykull)****Status:** no record**Distribution:** Ghana (Majer 1975)



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**COLEOPTERA HYDROPHILIDAE**
**Dactylosternum subquadratum Fairmaire****Status:** fruit feeder**Distribution:** Vanuatu (Risbec 1937)**COLEOPTERA INTHICIDAE****Formicomus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**COLEOPTERA LAEMOPHLOEIIDAE****Cryptolestes ferrugineus Stephens****Status:** seed feeder/storage**Distribution:** Ghana (Lefkovitch 1957)**Cryptolestes pusillus (Schonherr)***Synonyms:* *Cryptolestes minutus (Olivier)***Status:** seed feeder/storage**Distribution:** Ghana (Lefkovitch 1957), Nigeria (Riley 1969a)**Cryptolestes sp.****Status:** seed feeder/storage**Distribution:** Ghana (Cranham 1960)**Europs sp.****Status:** seed feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Laemophloeus nebulosus Grouvelle****Status:** predator**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Predator of:** *Pseudococcus longispinus* (Targioni Tozzetti), Zaire (Mayne & Ghesquiere 1934)**Leptophloeus janeti (Grouvelle)***Synonyms:* *Laemophloeus janeti Grouvelle***Status:** fruit feeder, predator**Distribution:** Ghana (Lefkovitch 1957), Zaire (Ghesquiere 1922c)**Predator of:** *Pseudococcus longispinus* (Targioni Tozzetti), Zaire (Mayne & Ghesquiere 1934)**Leptophloeus sp.***Synonyms:* *Laemophloeus sp.***Status:** fruit feeder**Distribution:** Ivory Coast (Alibert 1951), Malaysia W. Malaysia (Miller 1941), Nigeria (Riley 1957)**Leptophloeus sp. near foveicollis (Grouvelle)***Synonyms:* *Laemophloeus sp. near foveicollis Grouvelle***Status:** seed feeder**Distribution:** Malaysia W. Malaysia (Miller 1941)**Passandrophloeus sp. near incertus (Grouvelle)***Synonyms:* *Laemophloeus sp. near incertus Grouvelle***Status:** seed feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

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**COLEOPTERA LAGRIIDAE**
**Adosagria pubens Fairmaire***Synonyms: Lagria obesa Thomson***Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Alagria subseriata Reitter****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Chrysolagria cuprina (Thomson)***Synonyms: Lagria cuprina Thomson***Status:** leaf feeder**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)**Derolagria dermatodes Fairmaire****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Derolagria guineensis (Borchsenius)***Synonyms: Lagria guineensis Borchsenius***Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Derolagria scapulata Fairmaire****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Derolagria sp.****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Lagria villosa Fabricius****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Sora sp.****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**COLEOPTERA LAMPYRIDAE****Amydetes sp.****Status:** leaf feeder**Distribution:** Brazil (Bicelli et al 1987)**Lampyris lateapicalis Pic***Synonyms: Diaphanes lateapicalis Pic***Status:** flower feeder, leaf feeder, stem/trunk feeder**Distribution:** Ivory Coast (Alibert 1951)**COLEOPTERA LANGURIIDAE****Anadastus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)

**Anadastus sp. near monticola Fowler****Status:** no record**Distribution:** Ghana (Majer 1975)**Clerolanguria tricolor (Fabricius)****Status:** no record**Distribution:** Ghana (Majer 1975)**COLEOPTERA LUCANIDAE****Prosopocoilus faber Thomson****Status:** no record**Distribution:** Ghana (Majer 1975)**COLEOPTERA LYCIDAE****Cautires sp.****Status:** no record**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)**Lycus latissimus (Linnaeus)****Status:** leaf feeder, stem/trunk feeder**Distribution:** Ivory Coast (Alibert 1951)**Lycus sp.****Status:** leaf feeder, stem/trunk feeder**Distribution:** Ghana (Majer 1975)**Planeteros flavus (Bourg.)****Status:** no record**Distribution:** Ghana (Majer 1975)**Planeteros flavus (Burgmeister)****Status:** no record**Distribution:** Ghana (Majer 1975)**Trichalus sp.****Status:** no record**Distribution:** Ivory Coast (Alibert 1951)**Xylobanus devotus Kleine****Status:** no record**Distribution:** Ghana (Majer 1975)**Xylobanus sp.****Status:** no record**Distribution:** Ivory Coast (Alibert 1951)**COLEOPTERA MELYRIDAE****Apalochrus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)

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**COLEOPTERA MYCETOPHAGIDAE**
**Litargus exiguus Olliff****Status:** fruit feeder**Distribution:** Malaysia W. Malaysia (Miller 1941)**Typhaea stercorea (Linnaeus)****Status:** no record**Distribution:** Indonesia Java (Kalshoven 1950-51)**COLEOPTERA NITIDULIDAE****Aethina calva Reitter****Status:** no record**Distribution:** Ghana (Majer 1975)**Axyra sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Brachypeplus depressus Erichson****Status:** no record**Distribution:** Ghana (Majer 1975)**Brachypeplus orientalis Murray****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Brachypeplus parallelus Murray****Status:** no record**Distribution:** Ghana (Majer 1975)**Brachypeplus pilosellus Murray****Status:** no record**Distribution:** Ghana (Evans 1973)**Carpophilus ?fumatus Murray****Status:** no record**Distribution:** Ghana (Majer 1975)**Carpophilus analis Grouvelle****Status:** no record**Distribution:** Ghana (Majer 1975)**Carpophilus dimidiatus (Fabricius)****Status:** seed feeder/storage**Distribution:** Brazil (Bondar 1923a), Ghana (Cranham 1960), Malaysia W. Malaysia (Yunus & Ho 1980), Nigeria (Riley 1969a), Sao Tome & Principe (De Gouveia & Da Sousa 1968)**Carpophilus mutilatus Erichson****Status:** no record**Distribution:** Ghana (Majer 1975)**Carpophilus obsoletus Erichson****Status:** predator**Distribution:** Brazil (De Abreu 1997), Nigeria (Okobi 1980)**Predator of:** Not recorded -, Nigeria (Okobi 1980)

**Carpophilus pallescens Murray****Status:** seed feeder/storage**Distribution:** Papua New Guinea (Aulmann & La Baume 1912)**Carpophilus rufangulus Grouvelle****Status:** no record**Distribution:** Ghana (Majer 1975)**Carpophilus sp.****Status:** seed feeder/storage**Distribution:** Ghana (Majer 1975), Indonesia Java (Kalshoven 1950-51), Nigeria (Nwankwo & Nwogu 1979)**Circopes africanus Grouvelle****Status:** no record**Distribution:** Ghana (Majer 1975)**Cryptarcha senegalensis Reitter****Status:** no record**Distribution:** Ghana (Majer 1975)**Cryptarcha sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Cryptarcha stronguloides Murray****Status:** no record**Distribution:** Ghana (Majer 1975)**Haptoncus luteolus (Erichson)****Status:** no record**Distribution:** Ghana (Majer 1975)**Lasiodactylus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Platychora sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Prometopia quadrimaculata Motschulsky***Synonyms: Prometopia catilina Olliff***Status:** no record**Distribution:** Malaysia W. Malaysia (Miller 1941)**Stelidota sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Urophorus humeralis (Fabricius)***Synonyms: Carpophilus humeralis Fabricius***Status:** no record**Distribution:** Ghana (Majer 1975)**COLEOPTERA OTHNIIDAE****Othnius delusa Pascoe****Status:** fruit feeder**Distribution:** Malaysia W. Malaysia (Miller 1941)

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**COLEOPTERA PAUSSIDAE**
**Paussobrenthus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**COLEOPTERA PLATYPODIDAE****Crossotarsus barbatus Chapuis****Status:** stem/trunk feeder**Distribution:** Papua New Guinea (Anon 1969)**Crossotarsus biconcavus Schedl****Status:** stem/trunk feeder**Distribution:** Papua New Guinea (Anon 1969)**Crossotarsus externedentatus Fairmaire***Synonyms: Crossotarsus saundersi Chapuis***Status:** no record**Distribution:** Sri Lanka (Schedl 1959)**Crossotarsus minax (Walker)****Status:** no record**Distribution:** Sri Lanka (Speyer 1923)**Crossotarsus vafer Schedl****Status:** no record**Distribution:** Papua New Guinea (Schedl 1972)**Doliopygus chapuisi Duvivier****Status:** leaf feeder**Distribution:** Zaire (Mayné & Donis 1962)**Doliopygus conradti (Strohmeyer)***Synonyms: Doliopygus ve-grandis (Sampson)***Status:** no record**Distribution:** Ghana (Entwistle 1960a)**Doliopygus donisi Schedl****Status:** leaf feeder**Distribution:** Zaire (Mayné & Donis 1962)**Doliopygus dubius (Sampson)****Status:** branch feeder, leaf feeder**Distribution:** Zaire (Schedl 1962)**Doliopygus gracilior Schedl****Status:** no record**Distribution:** Ghana (Entwistle 1960a)**Doliopygus kakaoensis Schedl****Status:** no record**Distribution:** Cameroon (Schedl 1941)**Doliopygus lefevrei Schedl****Status:** branch feeder, leaf feeder**Distribution:** Zaire (Schedl 1962)

**Euplatypus hintzi (Schaufuss)**

*Synonyms: Platypus hintzi Schaufuss, Platypus linearis Stephens, Platypus rugulosus Chapuis*

**Status:** branch feeder

**Distribution:** Costa Rica (Lara & Shenefelt 1965), Zaire (Schedl 1962)

**Euplatypus parallelus (Fabricius)**

*Synonyms: Platypus parallelus Chapuis*

**Status:** no record

**Distribution:** Colombia (Steinhausen 1956)

**Megaplatypus latreillei (Chapuis)**

*Synonyms: Platypus latreillei Chapuis*

**Status:** no record

**Distribution:** Costa Rica (Lara & Shenefelt 1965)

**Platypus (Stenoplatypus) sp.**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Platypus deyrollei Chapuis**

**Status:** no record

**Distribution:** No locality (Wood & Bright 1992)

**Platypus erichsoni Chapuis**

**Status:** no record

**Distribution:** Zaire (Mayné & Donis 1962)

**Platypus externedentatus Fairmaire**

**Status:** no record

**Distribution:** Papua New Guinea (Schedl 1964)

**Platypus impressus (Strohmeyer)**

*Synonyms: Platypus mordax (Sampson)*

**Status:** no record

**Distribution:** Ghana (Entwistle 1960a)

**Platypus jansoni Chapuis**

**Status:** no record

**Distribution:** No locality (Wood & Bright 1992)

**Platypus konincki Chapuis**

**Status:** no record

**Distribution:** Colombia (Steinhausen 1956)

**Platypus sp. near jansoni Chapuis**

**Status:** canker feeder

**Distribution:** Papua New Guinea (Prior 1986)

**COLEOPTERA SCARABAEIDAE CETONIINAE****Glycyphana rufopicta Kraatz**

**Status:** flower feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1963)

**Glycyphana sp.**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

**Incala calabarinus (Westwood)**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Incala sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Mecinonota regia (Fabricius)***Synonyms: Macronota regia (Fabricius)***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Szent-Ivany 1963)**Myodermum alutaceum (Afzelius)***Synonyms: Mysoderma alutaceum (Afzelius)***Status:** no record**Distribution:** Ghana (Majer 1975)**Niphobleta niveosparsa Kraatz****Status:** no record**Distribution:** Ivory Coast (Alibert 1951)**Poecilopharis bimaculata Schurhof****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1963)**Taeniodera monacha (Gory & Percheron)***Synonyms: Macronota monacha Gory & Percheron***Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**COLEOPTERA SCARABAEIDAE DYNASTINAE****Heteronychus plebejus (Klug)****Status:** no record**Distribution:** Madagascar (Anderson 1929)**Ligyris ebenus (DeGeer)****Status:** root feeder**Distribution:** Dominica (Anon 1913), St Lucia (Anon 1913)**Oryctes rhinoceros Linnaeus****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Szent-Ivany & Dun 1964)**Strategus simsoni (Linnaeus)***Synonyms: Strategus titanus (Wolcott 1921) Fabricius***Status:** root feeder**Distribution:** Dominican Republic (Wolcott 1926)**Xylotrupes sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**COLEOPTERA SCARABAEIDAE MELOLONTHINAE****Ancistrosoma farinosum Salle****Status:** no record**Distribution:** Trinidad & Tobago (Guppy 1911c)**Apogonia conradtiana D.Torre***Synonyms: Apogonia conradti Kolbe***Status:** no record**Distribution:** Ghana (Majer 1975), Ivory Coast (Lavabre Decelle & Debord 1963)



**Apogonia cribricollis Burmeister****Status:** leaf feeder, root feeder**Distribution:** Malaysia W. Malaysia (Lever 1953)**Primary parasites:** *Tiphia* sp. , Malaysia (Entwistle 1972)**Apogonia destructor Ritsema****Status:** leaf feeder, root feeder**Distribution:** Indonesia Java (Dammerman 1929)**Primary parasites:** *Masicera* sp. , Indonesia Java (Entwistle 1972)

Prosenia siberita Fabricius, Indonesia Java (Entwistle 1972)

**Apogonia expeditionis Ritsema****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Lever 1953)**Apogonia laevicollis Lansberge****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Lever 1953)**Apogonia neglecta Brenske****Status:** no record**Distribution:** Ghana (Majer 1975), Malaysia W. Malaysia (Yunus & Ho 1980)**Apogonia nitidula Thomson****Status:** no record**Distribution:** Ghana (Majer 1975)**Apogonia sp.****Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924), Malaysia W. Malaysia (Yunus & Ho 1980)**Apogonia sp. near pygidialis Ritsema****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Apogonia varievestis Heller****Status:** no record**Distribution:** Indonesia Sulawesi (Bos Steffan-Dewenter & Tschardtke 2007)**Apogonia vicina Burmeister****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Lever 1953)**Apogonia virescens Duvivier****Status:** no record**Distribution:** Ghana (Majer 1975), Ivory Coast (Lavabre Decelle & Debord 1963)**Aserica sp.****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Aserica variegata Arrow****Status:** no record**Distribution:** Zaire (Arrow 1918)**Aulacoserica sp. near konduensis Moser****Status:** leaf feeder**Distribution:** Nigeria (Anon 1960)**Autoserica sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Autoserica sp. near manipurana Brenske****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Bilga sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Brahmina sp.****Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924)**Camenta obesa Burmeister****Status:** root feeder**Distribution:** Equatorial Guinea Bioko (Cotterell 1930a)**Camenta westermanni Harold****Status:** root feeder**Distribution:** Cameroon (Aulmann & La Baume 1912)**Dermolepida noxium Britton****Status:** root feeder**Distribution:** Papua New Guinea (Britton 1957)**Primary parasites:** *Campsomeris* sp. , Papua New Guinea (Britton 1957)**Dermolepida sp.****Status:** root feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Empecamenta hintzi (Aulmann)***Synonyms:* *Camenta hintzi* Aulmann**Status:** root feeder**Distribution:** Cameroon (Aulmann & La Baume 1912)**Enaria melanictera (Klug)****Status:** leaf feeder**Distribution:** Cameroon (Aulmann & La Baume 1912), Madagascar (Frappa 1931)**Euphoresia baliola Brenske****Status:** no record**Distribution:** Zaire (Mayne 1917)**Euphoresia sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Exopholis hypoleuca (Wiedemann)****Status:** leaf feeder**Distribution:** Indonesia Java (Leefmans 1929)**Holotrichia sp.****Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924)**Holotrichia vandinei (Smyth)***Synonyms:* *Ancylonycha vandinei* (Smyth)**Status:** leaf feeder**Distribution:** Puerto Rico (Smyth 1917)**Primary parasites:** *Cryptomeigenia aurifacies* Walton, Puerto Rico (Smyth 1917)**Predators:** *Ignelator luminosus* (Illiger), Puerto Rico (Smyth 1917)

**Hoplebaea congoana (Brenske)**

*Synonyms: Congella congoana Brenske*

**Status:** leaf feeder

**Distribution:** Zaire (Mayne 1917)

**Lepidiota reichei (Thomson)**

*Synonyms: Eulepida reichei Thomson*

**Status:** leaf feeder

**Distribution:** Zaire (Mayne 1917)

**Lepidiota sp.**

**Status:** root feeder

**Distribution:** Indonesia West Irian (Simon-Thomas 1959)

**Lepidiota sp. near vogeli Brenske**

**Status:** root feeder

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

**Lepidiota stigma (Fabricius)**

**Status:** root feeder

**Distribution:** Indonesia West Irian (Simon-Thomas 1962)

**Macroductylus sp.**

**Status:** root feeder

**Distribution:** Peru (Wille 1952)

**Maladera apogonoides (Brenske)**

*Synonyms: Neoserica apogonoides Brenske*

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Lever 1953)

**Maladera javana (Harold)**

**Status:** no record

**Distribution:** Indonesia Java (Dammerman 1929)

**Maladera sp.**

**Status:** no record

**Distribution:** Ivory Coast (Alibert 1951)

**Maladera spinosa (Brenske)**

**Status:** no record

**Distribution:** Indonesia Java (Dammerman 1929)

**Microtrichia sp.**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Pegylis sp.**

**Status:** no record

**Distribution:** Zaire (Mayne 1917)

**Phyllophaga patens (Arrow)**

*Synonyms: Lachnosterna patens (Arrow)*

**Status:** leaf feeder, root feeder

**Distribution:** St Vincent (Anon 1912)

**Phyllophaga plaei (Blanchard)**

*Synonyms: Lachnosterna portoricensis Smyth, Phyllophaga portoricensis Smyth*

**Status:** leaf feeder, root feeder

**Distribution:** Puerto Rico (Smyth 1917)

**Primary parasites:** Cryptomeigenia aurifacies Walton, Puerto Rico (Smyth 1917)

**Predators:** Ignelator luminosus (Illiger), Puerto Rico (Smyth 1917)

**Phyllophaga sp.**

*Synonyms:* *Lachnosterna sp.*

**Status:** no record

**Distribution:** Dominican Republic (Schmutterer 1990), Jamaica (Ritchie 1916)

**Plectris sp.**

**Status:** no record

**Distribution:** Brazil (Bondar 1939a)

**Pseudotrochalus concolor Kolbe**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951), Zaire (Arrow 1918)

**Pseudotrochalus quadrisubmaculatus Brenske**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Schizonycha serrata Aulmann**

**Status:** root feeder

**Distribution:** Cameroon (Aulmann & La Baume 1912)

**Serica javana Harold**

**Status:** leaf feeder

**Distribution:** Indonesia (Dammerman 1929)

**Serica sp.**

**Status:** leaf feeder

**Distribution:** Indonesia Java (Paerels 1924)

**Sophrops sp.**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Triodonta procera Lansberge**

**Status:** no record

**Distribution:** Zaire (Arrow 1918)

**Trochalus carinatus Gyllenhal**

**Status:** no record

**Distribution:** Nigeria (Lamborn 1914)

**COLEOPTERA SCARABAEIDAE RUTELINAE****Adoretosoma sp.**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Adoretus aurantiacus Benderitter**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Adoretus borneensis Kraatz**

*Synonyms:* *Chaetadoretus borneensis Kraatz*

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Lever 1953)

**Adoretus compressus (Weber)**

*Synonyms:* *Lepadoretus compressus Weber*

**Status:** leaf feeder

**Distribution:** Indonesia Java (Van Hall 1925), Malaysia W. Malaysia (Lever 1953)

**Adoretus griseosetosus Nonfried****Status:** leaf feeder**Distribution:** Malaysia (Khoo Ooi & Ho 1991)**Adoretus ranunculus Burmeister****Status:** leaf feeder**Distribution:** Philippines (Caballero Easaw & Nagaraja 1987)**Adoretus signanus (Ohaus)****Status:** no record**Distribution:** Ghana (Majer 1975)**Adoretus sinicus Burmeister***Synonyms: Lepadoretus sinicus Burmeister***Status:** leaf feeder**Distribution:** Indonesia Java (Dammerman 1929), Malaysia W. Malaysia (Yunus & Ho 1980)**Adoretus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Adoretus sp. near fuscus Fabricius****Status:** no record**Distribution:** Ghana (Majer 1975)**Adoretus umbrosus Fabricius***Synonyms: Adoretus hirtellus Laporte***Status:** leaf feeder, root feeder**Distribution:** Ghana (Patterson 1914), Indonesia Java (Paerels 1924), Ivory Coast (Alibert 1951), Malaysia (Khoo Ooi & Ho 1991), Nigeria (Mayne 1917), Uganda (Gowdey 1912)**Adoretus versutus Harold***Synonyms: Adoretus umbrosus (Fiji) Fabricius, Adoretus umbrosus tenuimaculatus (Fiji) Waterhouse, Adoretus vestitus Boheman***Status:** leaf feeder**Distribution:** Fiji (Jepson 1916), Indonesia Java (Entwistle 1972), Vanuatu (Beaudoin et al 1995), Western Samoa (O'Connor 1966)**Primary parasites:** *Micromeriella marginella modesta* (F. Smith), Fiji (Entwistle 1972)**Adoretus vitticauda Arrow****Status:** leaf feeder**Distribution:** Malaysia (Khoo Ooi & Ho 1991)**Anomala aeneotincta Fairmaire****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Anomala anchoralis Lansberge****Status:** leaf feeder**Distribution:** Indonesia Java (Kalshoven 1950-51)**Anomala cupripes Hope****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Lever 1953)**Anomala denuda Arrow****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951), Zaire (Mayne 1917)**Anomala humeralis Burmeister****Status:** leaf feeder**Distribution:** Philippines (Dammerman 1929)

**Anomala immarginata Ohaus****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Anomala obsoleta Blanchard****Status:** leaf feeder**Distribution:** Indonesia (Dammerman 1929)**Anomala pallida (Fabricius)****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Lever 1953)**Anomala sp.****Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924), Philippines (Banks 1904)**Anomala viridis (Fabricius)****Status:** leaf feeder**Distribution:** Indonesia (Dammerman 1929)**Chaetadoretus cribratus (White)***Synonyms: Adoretus cribratus White***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Lever 1953)**Lepadoretus sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Leucothyreus sp.****Status:** no record**Distribution:** St Lucia (Anon 1913)**Parastasia inconstans Fairmaire***Synonyms: Parastasia guttulata Fairmaire***Status:** fruit feeder, leaf feeder**Distribution:** Papua New Guinea (Froggatt 1940), Solomon Is (Lever 1968)**Parastasia klossi Ohaus****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Parastasia marmorata Gestro****Status:** fruit feeder**Distribution:** Papua New Guinea (Froggatt 1940)**Parastasia montrouzieri Fairmaire****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1963)**Parastasia montrouzieri var. simplicipes Ohaus****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1963)**Popillia biguttata (Wiedemann)****Status:** leaf feeder**Distribution:** Indonesia Java (Koningsberger 1908)**Popillia complanata Newman****Status:** leaf feeder**Distribution:** India (Kumar 1976)

**Popillia femoralis Klug****Status:** leaf feeder**Distribution:** Ivory Coast (Entwistle 1972)**Rutela lineola (Linnaeus)****Status:** leaf feeder**Distribution:** Surinam (Van Dinther 1960), Trinidad & Tobago (Guppy 1911c)**COLEOPTERA SCARABAEIDAE SCARABAEINAE****Caccobius sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**COLEOPTERA SCIRTIDAE****Scirtes ?canescens Motschulsky****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Scirtes sp.****Status:** seed feeder/storage**Distribution:** Puerto Rico (Wolcott 1936)**COLEOPTERA SCOLYTIDAE****Ambrosiodmus hagedorni (Iglesias)***Synonyms: Xyleborus hagedorni Iglesias***Status:** no record**Distribution:** Venezuela (Goitia & Rosales 2001)**Amphicranus argutus Wood****Status:** no record**Distribution:** Costa Rica (Wood & Bright 1992)**Amphicranus elegans Eichhoff****Status:** no record**Distribution:** Costa Rica (Wood 1982)**Amphicranus fulgidus Wood****Status:** no record**Distribution:** Costa Rica (Wood & Bright 1992)**Amphicranus spectabilis Wood****Status:** no record**Distribution:** Costa Rica (Wood & Bright 1992)**Amphicranus spectus Wood****Status:** no record**Distribution:** Mexico (Wood & Bright 1992)**Amphicranus theobroma Sampson****Status:** no record**Distribution:** Trinidad & Tobago (Sampson 1912)**Araptus colombianus (Schedl)****Status:** seed feeder**Distribution:** Colombia (Wood & Bright 1992)

**Cnestus nitidipennis (Schedl)***Synonyms: Xyleborus nitidipennis Schedl***Status:** no record**Distribution:** Ghana (Cotterell 1927c)**Coccotrypes advena (Blandford)***Synonyms: Poecilips advena (Blandford), Poecilips niger Schedl, Poecilips persicae (Hopk.)***Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980), Surinam (Kalshoven 1963)**Coccotrypes barbatus (Schedl)***Synonyms: Poecilips ater Eggers***Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Coccotrypes carpophagus (Hornung)****Status:** no record**Distribution:** Nigeria (Schedl 1962)**Coccotrypes confusus (Eggers)***Synonyms: Poecilips confusus Eggers, Poecilips sierraleonensis Eggers***Status:** no record**Distribution:** Ivory Coast (Gregory 1954), Nigeria (Gregory 1954)**Coccotrypes cyperi (Beeson)****Status:** no record**Distribution:** Costa Rica (Wood 1982)**Coccotrypes medius (Eggers)****Status:** no record**Distribution:** No locality (Wood & Bright 1992)**Coptoborus cuneatus (Eichhoff)***Synonyms: Xyleborus cuneatus Eichhoff***Status:** stem/trunk feeder**Distribution:** Brazil (Moya Borja 1971)**Coptoborus pseudotenuis (Schedl)***Synonyms: Xyleborus pseudotenuis (Schedl)***Status:** no record**Distribution:** Costa Rica (Wood 1982)**Coptoborus tolimanus (Eggers)***Synonyms: Xyleborus tolimanus Eggers***Status:** no record**Distribution:** Colombia (Eggers 1928)**Coptoborus vespatorius (Schedl)***Synonyms: Xyleborus corniculatus Schedl, Xyleborus vespatorius Schedl***Status:** stem/trunk feeder**Distribution:** Brazil (Moya Borja 1971), Colombia (Steinhausen 1956), Costa Rica (Saunders 1963), Trinidad & Tobago (Iton 1960), Venezuela (Goitia & Rosales 2001)**Coptodryas popondettae (Browne)***Synonyms: Cyclorhipidion popondettae (Browne)***Status:** no record**Distribution:** Papua New Guinea (Browne 1970)**Corthylocurus tuberculifer Eggers****Status:** no record**Distribution:** Brazil (Wood & Bright 1992)



**Corthylus collaris Blandford****Status:** no record**Distribution:** Costa Rica (Wood 1982)**Corthylus concisus Wood****Status:** no record**Distribution:** No locality (Wood & Bright 1992)**Corthylus flagellifer Blandford****Status:** no record**Distribution:** Costa Rica (Lara & Shenefelt 1965)**Corthylus papulans Eichhoff****Status:** no record**Distribution:** No locality (Wood & Bright 1992)**Corthylus pygmaeus Wood****Status:** branch feeder**Distribution:** Costa Rica (Wood & Bright 1992)**Corthylus sobrinus Wood****Status:** no record**Distribution:** Costa Rica (Wood & Bright 1992)**Corthylus spinifer Schwarz****Status:** branch feeder**Distribution:** No locality (Wood 1982)**Corthylus theobromae Nunberg****Status:** no record**Distribution:** Brazil (Nunberg 1971)**Cryphalus kolbei (Hagedorn)***Synonyms: Allarthrum kolbei Hagedorn***Status:** no record**Distribution:** Papua New Guinea (Aulmann & La Baume 1912)**Cryptocarenus heveae (Hagedorn)***Synonyms: Pityophthorus heveae (Hagedorn)***Status:** no record**Distribution:** Zaire (Schedl 1962)**Dryocetoides capucinus (Eichhoff)***Synonyms: Xyleborus guatemalensis Hopkins***Status:** no record**Distribution:** Surinam (Kalshoven 1963)**Dryocetoides cristatus (Fabricius)***Synonyms: Xyleborus crenatus Eggers, Xyleborus solitarius Hagedorn, Xyleborus urichi Sampson***Status:** branch feeder**Distribution:** Ghana (Cotterell 1927c), Trinidad & Tobago (Schedl 1962), Venezuela (Goitia & Rosales 2001), Zaire (Mayné & Donis 1962)**Dryocetoides flavus (Fabricius)****Status:** no record**Distribution:** No locality (Wood & Bright 1992)**Dryocoetiops coffeae Eggers****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Eccoptopterus spinosus (Olivier)**

*Synonyms: Eccoptopterus sexspinosus Motschulsky*

**Status:** no record

**Distribution:** Indonesia Java (Schedl 1962), Sri Lanka (Schedl 1959), Zaire (Mayne 1917)

**Euwallacea destruens (Blandford)**

*Synonyms: Xyleborus destruens Blandford*

**Status:** stem/trunk feeder

**Distribution:** Indonesia Java (Kalshoven 1961), Papua New Guinea (Anon 1969)

**Euwallacea fornicatus (Eichhoff)**

*Synonyms: Xyleborus fornicatus Eichhoff, Xyleborus schultzei Eggers*

**Status:** branch feeder

**Distribution:** Fiji (Swaine 1971), Indonesia Java (Dammerman 1929), Malaysia W. Malaysia (Browne 1961), Solomon Is (Lever 1968), Sri Lanka (Rutherford 1915)

**Euwallacea interjectus (Blandford)**

**Status:** no record

**Distribution:** No locality (Wood & Bright 1992)

**Euwallacea laevis (Eggers)**

*Synonyms: Xyleborus laevis Eggers*

**Status:** stem/trunk feeder

**Distribution:** Indonesia Java (Browne 1961), Papua New Guinea (Bourke et al 1971)

**Euwallacea xanthopus (Eichhoff)**

*Synonyms: Xyleborus interruptus Eggers, Xyleborus semirudis Blandford*

**Status:** no record

**Distribution:** Sri Lanka (Schedl 1959)

**Hadrodemius ursus (Eggers)**

*Synonyms: Xyleborus ursus Eggers*

**Status:** no record

**Distribution:** Papua New Guinea (Schedl 1964)

**Hypothenemus areccae (Hornung)**

*Synonyms: Hypothenemus hispidus (Eggers), Hypothenemus polyphagus (Eggers), Hypothenemus subvestitus Eggers, Hypothenemus vafer Blandford, Stephanoderes polyphagus Eggers*

**Status:** fruit feeder

**Distribution:** Ghana (Schedl 1964), Ivory Coast (Entwistle 1972), Malaysia W. Malaysia (Miller 1941), Nigeria (Schedl 1964), Zaire (Eggers 1924)

**Hypothenemus ater (Eggers)**

*Synonyms: Stylotentus ater Eggers*

**Status:** no record

**Distribution:** Ghana (Entwistle 1960a), Nigeria (Entwistle 1960a), Zaire (Schedl 1961)

**Hypothenemus birmanus (Eichhoff)**

*Synonyms: Stephanoderes alter Eggers, Stephanoderes birmanus Eichhoff*

**Status:** shoot feeder

**Distribution:** Malaysia W. Malaysia (Browne 1961)

**Hypothenemus camerunus (Eggers)**

*Synonyms: Stephanoderes camerunus Eggers*

**Status:** no record

**Distribution:** Sierra Leone (Schedl 1962), Zaire (Schedl 1962)

**Hypothenemus concolor (Hagedorn)**

*Synonyms: Stylotentus concolor (Hagedorn)*

**Status:** branch feeder

**Distribution:** Ivory Coast (Schedl 1962), Zaire (Mayné & Donis 1962)

**Hypothenemus criticus (Schedl)**

*Synonyms: Stylotentus criticus (Schedl)*

**Status:** no record

**Distribution:** Zaire (Schedl 1961)

**Hypothenemus erectus Le Conte**

**Status:** fruit feeder

**Distribution:** Venezuela (Jimenez 2003)

**Hypothenemus eruditus (Westwood)**

*Synonyms: Hypothenemus bicolor Schedl, Hypothenemus pusillus Eggers*

**Status:** fruit feeder

**Distribution:** Congo (Schedl 1961), Ghana (Entwistle 1972), Indonesia Java (Schedl 1962), Ivory Coast (Entwistle 1972), Malaysia W. Malaysia (Schedl 1962), Nigeria (Entwistle 1972), Sierra Leone (Entwistle 1960a), Venezuela (Goitia & Rosales 2001), Zaire (Eggers 1927)

**Hypothenemus grandis Schedl**

**Status:** no record

**Distribution:** Zaire (Schedl 1962)

**Hypothenemus hampei (Ferrari)**

*Synonyms: Stephanoderes hampei Ferrari, Stephanoderes punctatus Eggers*

**Status:** branch feeder, fruit feeder

**Distribution:** Ghana (Entwistle 1972), Ivory Coast (Entwistle 1972), Nigeria (Schedl 1964), Zaire (Eggers 1924)

**Hypothenemus intricatus (Schedl)**

*Synonyms: Stephanoderes intricatus Schedl*

**Status:** no record

**Distribution:** Uganda (Schedl 1962)

**Hypothenemus javanus (Eggers)**

*Synonyms: Hypothenemus subagnatus (Eggers), Stephanoderes subagnatus Eggers*

**Status:** no record

**Distribution:** Zaire (Mayné & Donis 1962)

**Hypothenemus liberiensis Hopkins**

*Synonyms: Stephanoderes theobromae Eggers*

**Status:** no record

**Distribution:** Zaire (Schedl 1962)

**Hypothenemus morio (Eggers)**

*Synonyms: Stephanoderes morio Eggers*

**Status:** no record

**Distribution:** Zaire (Schedl 1962)

**Hypothenemus mozambiquensis Eggers**

**Status:** no record

**Distribution:** Sierra Leone (Entwistle 1960a)

**Hypothenemus mulongensis Eggers**

**Status:** fruit feeder

**Distribution:** Ivory Coast (Entwistle 1960a), Zaire (Mayné & Donis 1962)

**Hypothenemus obscurus (Fabricius)**

*Synonyms: Hypothenemus hispidulus (Leconte), Stephanoderes guatemalensis Hopkins, Stephanoderes heterolepis Da Costa Lima, Stephanoderes obscurus (Fabricius), Stephanoderes seriatus Eichhoff*

**Status:** fruit feeder

**Distribution:** Brazil (Da Costa Lima 1928), Mexico (Dampf 1928)

**Hypothenemus opacus (Eichhoff)**

**Status:** fruit feeder

**Distribution:** Venezuela (Jimenez 2003)

**Hypothenemus perhispidus (Eggers)***Synonyms: Stephanoderes perhispidus Eggers***Status:** no record**Distribution:** Nigeria (Schedl 1962)**Hypothenemus pubipennis (Eggers)***Synonyms: Stephanoderes pubipennis Eggers***Status:** no record**Distribution:** Nigeria (Schedl 1962), Zaire (Schedl 1962)**Hypothenemus seriatus (Eichhoff)***Synonyms: Hypothenemus cassavaensis Schedl, Hypothenemus striatulus Schedl, Stephanoderes aulmanni Hagedorn, Stephanoderes lebronneeii Beeson***Status:** no record**Distribution:** Ghana (Schedl 1962), Malaysia W. Malaysia (Browne 1961), Nigeria (Schedl 1962)**Hypothenemus setosus (Eichhoff)***Synonyms: Stephanoderes setosus (Eichhoff)***Status:** no record**Distribution:** Surinam (Kalshoven 1963)**Hypothenemus solitarius (Schedl)***Synonyms: Stephanoderes solitarius Schedl***Status:** no record**Distribution:** Ivory Coast (Schedl 1962), Nigeria (Schedl 1962), Zaire (Schedl 1962)**Hypothenemus sp.****Status:** no record**Distribution:** Costa Rica (Lara & Shenefelt 1965), Ghana (Majer 1975), Malaysia W. Malaysia (Yunus & Ho 1980)**Hypothenemus suspectus Wood****Status:** no record**Distribution:** Costa Rica (Wood 1982)**Hypothenemus teretis Wood****Status:** no record**Distribution:** No locality (Wood & Bright 1992)**Hypothenemus tuberculatus Hagedorn****Status:** branch feeder**Distribution:** Zaire (Mayné & Donis 1962)**Miocryphalus attenuatus (Eggers)****Status:** no record**Distribution:** Uganda (Schedl 1962)**Monarthrum corculum Wood****Status:** no record**Distribution:** Costa Rica (Wood 1974)**Monarthrum fimbriaticorne (Blandford)****Status:** stem/trunk feeder**Distribution:** Costa Rica (Wood 1982)**Poecilips sp.****Status:** fruit feeder**Distribution:** Surinam (Van Dinther 1960)**Premnobius cavipennis Eichhoff***Synonyms: Xyleborus xylocranellus Schedl***Status:** no record**Distribution:** Ghana (Entwistle 1960a)

**Pseudothysanoes atomos Wood****Status:** no record**Distribution:** Venezuela (Wood & Bright 1992)**Sampsonius dampfi Schedl****Status:** no record**Distribution:** Costa Rica (Wood 1982)**Scolytogenes samoanus (Browne)***Synonyms: Cryphalomorphus samoanus Browne***Status:** shoot feeder**Distribution:** Western Samoa (Browne 1976)**Strombophorus crenatus Hagedorn****Status:** no record**Distribution:** Ghana (Majer 1975)**Taurodemus ebenus Wood***Synonyms: Xyleborus ebenus Wood***Status:** branch feeder**Distribution:** Costa Rica (Wood 1982)**Taurodemus pandulus (Wood)***Synonyms: Xyleborus pandulus Wood***Status:** branch feeder**Distribution:** Costa Rica (Wood 1982)**Taurodemus perebeae (Ferrari)***Synonyms: Xyleborus perebeae (Ferrari)***Status:** no record**Distribution:** No locality (Wood 1982)**Taurodemus salvini (Blandford)***Synonyms: Xyleborus salvini Blandford***Status:** branch feeder**Distribution:** Costa Rica (Lara & Shenefelt 1965)**Taurodemus sanguinicollis (Blandford)***Synonyms: Xyleborus sanguinicollis Blandford***Status:** no record**Distribution:** Costa Rica (Lara & Shenefelt 1965)**Taurodemus sharpi (Blandford)***Synonyms: Xyleborus sharpi Blandford***Status:** branch feeder, stem/trunk feeder**Distribution:** Costa Rica (Lara & Shenefelt 1965)**Theoborus coartatus (Sampson)****Status:** stem/trunk feeder**Distribution:** Costa Rica (Wood 1982)**Theoborus coccotrypoides (Eggers)***Synonyms: Xyleborus coccotrypoides Eggers***Status:** branch feeder**Distribution:** Brazil (Bovi Coral & Parra 1977)**Theoborus ricini (Eggers)***Synonyms: Theoborus solitariceps Schedl, Xyleborus ricini Eggers***Status:** no record**Distribution:** Costa Rica (Wood 1982), Zaire (Schedl 1962)**Theoborus theobromae (Hopkins)***Synonyms: Xyleborus hirtellus Schedl, Xyleborus theobromae Hopkins***Status:** no record

**Distribution:** Costa Rica (Wood 1982), Trinidad & Tobago (Iton 1960)

**Theoborus villosulus (Blandford)**

**Status:** no record

**Distribution:** No locality (Wood & Bright 1992)

**Tricolus saundersi Wood**

**Status:** no record

**Distribution:** Costa Rica (Wood & Bright 1992)

**Xyleborinus andrewesi (Blandford)**

*Synonyms:* *Xyleborus andrewesi* Blandford

**Status:** no record

**Distribution:** Indonesia Java (Schedl 1962)

**Xyleborinus bicornatulus (Wood)**

**Status:** no record

**Distribution:** Costa Rica (Wood 1982)

**Xyleborinus collarti (Eggers)**

*Synonyms:* *Xyleborus collarti* Eggers

**Status:** no record

**Distribution:** Ghana (Entwistle 1960a)

**Xyleborinus gracilis (Eichhoff)**

*Synonyms:* *Xyleborinus aspericauda* (Eggers)

**Status:** branch feeder

**Distribution:** Costa Rica (Wood 1982)

**Xyleborinus intersetosus (Blandford)**

**Status:** no record

**Distribution:** Costa Rica (Wood 1982)

**Xyleborinus reconditus (Schedl)**

**Status:** no record

**Distribution:** Venezuela (Wood 1982)

**Xyleborinus subsulcatus (Eggers)**

*Synonyms:* *Xyleborus subsulcatus* Eggers

**Status:** no record

**Distribution:** Zaire (Eggers 1927)

**Xyleborus adelographus Eichhoff**

**Status:** no record

**Distribution:** Colombia (De Franco 1958)

**Xyleborus affinis Eichhoff**

*Synonyms:* *Xyleborus mascarensis* (Eichhoff)

**Status:** no record

**Distribution:** Brazil (Schedl 1962), Colombia (Moncayo 1958), Ecuador (Saunders & Knoke 1967), Ghana (Majer 1975), Indonesia Java (Schedl 1962), Nigeria (Schedl 1962), Zaire (Schedl 1962)

**Xyleborus africanus Eggers**

**Status:** no record

**Distribution:** Zaire (Schedl 1962)

**Xyleborus alluaudi (Schaufuss)**

*Synonyms:* *Xyleborus camerunus* (Hagedorn)

**Status:** branch feeder

**Distribution:** Ghana (Entwistle 1960a), Ivory Coast (Entwistle 1960a), Uganda (Gowdey 1918a), Zaire (Entwistle 1960a)

**Xyleborus asper Eggers****Status:** branch feeder**Distribution:** Costa Rica (Wood 1982)**Xyleborus barumbuensis Eggers****Status:** no record**Distribution:** Zaire (Eggers 1924)**Xyleborus caraibicus Eggers****Status:** branch feeder**Distribution:** Costa Rica (Wood 1982)**Xyleborus commixtus Blandford****Status:** no record**Distribution:** No locality (Wood & Bright 1992)**Xyleborus dolosus Blandford****Status:** no record**Distribution:** No locality (Dammerman 1929)**Xyleborus ferox Blandford****Status:** branch feeder**Distribution:** Costa Rica (Wood 1982)**Xyleborus ferrugineus (Fabricius)**

*Synonyms: Xyleborus amplicollis Eichhoff, Xyleborus argentinensis Schedl, Xyleborus bispinatus Eichhoff, Xyleborus confusus Eichhoff, Xyleborus fuscatus Eichhoff, Xyleborus hopkinsi Beeson, Xyleborus impressus Eichhoff, Xyleborus insularis Sharp, Xyleborus notatus Eggers, Xyleborus nyssae Hopkins, Xyleborus planicollis Zimmerman, Xyleborus schedli Eggers, Xyleborus tanganus Hagedorn*

**Status:** collar feeder, stem/trunk feeder**Distribution:** Brazil (Beaver 1976), Costa Rica (Eggers 1934), Ecuador (Saunders & Knoke 1967), Trinidad & Tobago (Iton & Conway 1961), Venezuela (Goitia & Rosales 2001), Zaire (Mayné & Donis 1962)**Xyleborus ficus Eggers****Status:** no record**Distribution:** Ivory Coast (Schedl 1962)**Xyleborus haberkorni Eggers****Status:** no record**Distribution:** Indonesia Java (Schedl 1962)**Xyleborus horridatus Wood****Status:** branch feeder**Distribution:** Costa Rica (Wood 1982)**Xyleborus lacunatus Wood****Status:** no record**Distribution:** Costa Rica (Wood & Bright 1992)**Xyleborus macer Blandford****Status:** no record**Distribution:** Venezuela (Wood 1982)**Xyleborus maynei Schedl****Status:** branch feeder**Distribution:** Zaire (Mayné & Donis 1962)**Xyleborus multispinatus Eggers**

*Synonyms: Xyleborus acanthus Schedl*

**Status:** no record**Distribution:** Zaire (Schedl 1962)

**Xyleborus parallelocolis Eggers****Status:** stem/trunk feeder**Distribution:** Costa Rica (Wood 1982)**Xyleborus parallelus Eggers****Status:** no record**Distribution:** Zaire (Wood & Bright 1992)**Xyleborus perforans (Wollaston)****Status:** branch feeder**Distribution:** Ghana (Entwistle 1960a), Indonesia (Kalshoven 1950-51), Papua New Guinea (Anon 1969), Sao Tome & Principe (Entwistle 1960a), Surinam (Reyne 1920), Zaire (Mayne 1917)**Xyleborus posticus Eichhoff****Status:** stem/trunk feeder**Distribution:** Brazil (Moya Borja 1971), Colombia (Moncayo 1958), Costa Rica (Saunders 1963), Ecuador (Saunders & Knoke 1967), Trinidad & Tobago (Iton 1960)**Xyleborus procer Eichhoff****Status:** no record**Distribution:** Colombia (Steinhausen 1956)**Xyleborus pseudotolimanus Schedl****Status:** no record**Distribution:** Colombia (Steinhausen 1956)**Xyleborus quadrispinosulus Eggers****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Xyleborus similis Ferrari****Status:** fruit feeder, stem/trunk feeder**Distribution:** Indonesia (Schedl 1962), Indonesia West Irian (Simon-Thomas 1962), Malaysia W. Malaysia (Miller 1941), Papua New Guinea (Bourke et al 1971)**Xyleborus sp.****Status:** no record**Distribution:** Brazil (Soria & Machado 1982), Malaysia W. Malaysia (Yunus & Ho 1980)**Predators:** *Gynacantha bifida* Rambur, Brazil (Soria & Machado 1982)**Xyleborus squamulatus Eichhoff****Status:** no record**Distribution:** No locality (Wood & Bright 1992)**Xyleborus subasperulus Eggers****Status:** no record**Distribution:** Cameroon (Schedl 1962)**Xyleborus volvulus (Fabricius)***Synonyms:* *Xyleborus badius* Eichhoff, *Xyleborus torquatus* Eichhoff**Status:** fruit feeder**Distribution:** Malaysia W. Malaysia (Miller 1941), Zaire (Mayné & Donis 1962)**Xylosandrus compactus (Eichhoff)***Synonyms:* *Coccotrypes pygmaeus* (Nigeria) Eichhoff, *Xyleborus compactus* Eichhoff, *Xyleborus morstatti* (Hagedorn)**Status:** branch feeder, root feeder**Distribution:** Cameroon (Entwistle 1960a), Ghana (Anon 1951), Ivory Coast (Magnin 1954), Malaysia W. Malaysia (Browne 1961), Nigeria (Gregory 1954), Papua New Guinea (Szent-Ivany & Dun 1964), Sierra Leone (Hargreaves, E. 1930)



**Xylosandrus crassiusculus (Motschulsky)**

*Synonyms: Xyleborus semigranosus Blandford, Xyleborus semiopacus Eichhoff*

**Status:** no record

**Distribution:** Ghana (Entwistle 1960a), Ivory Coast (Entwistle 1960a), Papua New Guinea (Bourke et al 1971), Sri Lanka (Schedl 1959), Zaire (Eggers 1927)

**Xylosandrus curtulus (Eichhoff)**

*Synonyms: Xyleborus curtulus Eichhoff*

**Status:** no record

**Distribution:** Venezuela (Goitia & Rosales 2001)

**Xylosandrus discolor (Blandford)**

**Status:** no record

**Distribution:** Sri Lanka (Schedl 1959)

**Xylosandrus discolor posticestriatus (Eggers)**

**Status:** no record

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

**Xylosandrus mancus (Blandford)**

*Synonyms: Xyleborus abruptus Sampson, Xyleborus mancus Blandford*

**Status:** fruit feeder

**Distribution:** Malaysia W. Malaysia (Miller 1941), Sri Lanka (Hagedorn 1913)

**Xylosandrus morigerus (Blandford)**

*Synonyms: Xyleborus coffeae Wurth*

**Status:** branch feeder, branch feeder

**Distribution:** Brazil (Nakayama & Terra 1986), Indonesia Java (Paerels 1924), Venezuela (Jimenez 2003)

**Xylosandrus ursinus (Hagedorn)**

*Synonyms: Xyleborus ursinus Hagedorn*

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**COLEOPTERA SCRAPTIIDAE****Scraptia sp.**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**COLEOPTERA SILVANIDAE****Ahasverus advena (Waltl)**

*Synonyms: Cathartus advena Waltl*

**Status:** seed feeder/storage

**Distribution:** Brazil (De Abreu & Williams 1980), Ghana (Cranham 1960), Malaysia Sabah (Asimah & Lopez 2000), Nigeria (Nicol 1941), Sao Tome & Principe (De Gouveia & Da Sousa 1968), Sri Lanka (Nicol 1941), Venezuela (Nicol 1941)

**Oryzaephilus mercator (Fauvel)**

**Status:** seed feeder/storage

**Distribution:** Brazil (Silva 1988b), Malaysia W. Malaysia (Sivapragasam et al 1992), Nigeria (Mejule & Onyuke 1979), Sao Tome & Principe (De Gouveia & Da Sousa 1968)

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**COLEOPTERA STAPHYLINIDAE****Actinus imperialis (Fauvel)****Status:** predator**Distribution:** Papua New Guinea (Entwistle 1972)**Predator of:** *Tiracola plagiata* (Walker), Papua New Guinea (Entwistle 1972)**Belonuchus sp.****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Medon sp.****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Mycetoporus sp.****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Oxytelus sp.****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Paederus monticola Cameron****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Palaminus sp.****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Periergopus sculptus Fenyés****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Philonthus sp.****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Stenus ?reticulatus Benick****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Tachinomorphus africanus (Eppelsheim)****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)

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**COLEOPTERA TENEBRIONIDAE**
**Alphitobius laevigatus (Fabricius)****Status:** seed feeder/storage**Distribution:** Brazil (Bondar 1942), Malaysia W. Malaysia (Yunus & Ho 1980)**Alphitobius sp.****Status:** seed feeder/storage**Distribution:** Malaysia Sarawak (Sivapragasam et al 1992)**Amarygmus discretus Bremer****Status:** no record**Distribution:** Indonesia Sulawesi (Bos Steffan-Dewenter & Tscharncke 2007)**Amarygmus sp. near solomonis Gebien****Status:** no record**Distribution:** Papua New Guinea (Anon 1969)**Anaedus sp.****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Cryphaeus taurus Fabricius****Status:** stem/trunk feeder**Distribution:** Ivory Coast (Alibert 1951)**Hemicera splendens Wiedemann****Status:** fruit feeder**Distribution:** Malaysia W. Malaysia (Miller 1941)**Hoplonyx camerunus Gebien****Status:** no record**Distribution:** Ghana (Majer 1975)**Palorus sp.****Status:** fruit feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Palorus sp. near papuanus (Kaszab)***Synonyms: Platolenes sp. near papuanus Kaszab***Status:** no record**Distribution:** Papua New Guinea (Anon 1969)**Platolenes hydrophiloides (Fairmaire)***Synonyms: Amarygmus hydrophiloides Fairmaire***Status:** no record**Distribution:** Vanuatu (Risbec 1937)**Praeugena aurichalcea Quedenfeldt****Status:** stem/trunk feeder**Distribution:** Ivory Coast (Alibert 1951)**Tenebroides mauritanicus Linnaeus****Status:** predator, seed feeder/storage**Distribution:** Brazil (De Abreu & Williams 1980), Ivory Coast (Alibert 1951), Malaysia W. Malaysia (Yunus & Ho 1980), Nigeria (Mejule & Onyuike 1979)**Predator of:** *Lasioderma serricornis* Fabricius, Nigeria (Riley 1969b)**Tribolium castaneum Herbst****Status:** seed feeder/storage**Distribution:** Brazil (De Abreu & Williams 1980), Ghana (Cranham 1960), Indonesia Sulawesi (Dharmaputra et al 1999), Ivory Coast (Alibert 1951), Malaysia Sabah (Asimah & Lopez 2000), Malaysia Sarawak

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(Sivapragasam et al 1992), Malaysia W. Malaysia (Sivapragasam et al 1992), Nigeria (Riley 1957), Pakistan (Jonfia-Essien et al 2007), Sao Tome & Principe (De Gouveia & Da Sousa 1968), Trinidad & Tobago (Brooke Breese & Mcfarlane 1962)

**Tribolium confusum Duval**

**Status:** seed feeder/storage

**Distribution:** No locality (Lavabre 1967)

**COLEOPTERA TROGOSSITIDAE**

**Ancyrona sp.**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Gymnochila lepidoptera Reitter**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Gymnochila varia (Fabricius)**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**COLLEMBOLA ENTOMOBRYIDAE****Salina celebensis (Herrich-Schaffer)**

**Status:** no record

**Distribution:** Papua New Guinea (O'Sullivan 1973)

**DERMAPTERA ANISOLABIDIDAE****Euborellia annulipes (Lucas)**

*Synonyms: Anisolabis annulipes (Lucas)*

**Status:** no record

**Distribution:** French Polynesia (Brugiroux 1928)

**DERMAPTERA FORFICULIDAE****Spongovostox semiflava Burmeister**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

## DIPTERA ANISOPODIDAE

### **Mesochria cinctipes De Meijere**

**Status:** predator

**Distribution:** Papua New Guinea (Entwistle 1972)

**Predator of:** Pantorhytes szentivanyi Marshall, Papua New Guinea (Entwistle 1972)

## DIPTERA ASILIDAE

### **Maira sp.**

**Status:** predator

**Distribution:** Papua New Guinea (Entwistle 1972)

**Predator of:** Tiracola plagiata (Walker), Papua New Guinea (Entwistle 1972)

### **Philodicus temerarius (Walker)**

**Status:** predator

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

**Predator of:** Helopeltis bergrothi Reuter, Zaire (Mayne & Ghesquiere 1934)

## DIPTERA CALLIPHORIDAE

### **Bengalia varicolor (Fabricius)**

*Synonyms:* *Bengalia latro De Meijeire*

**Status:** predator

**Distribution:** Indonesia Java (Van der Goot 1917b)

**Predator of:** Dolichoderus thoracicus (F.Smith), Indonesia Java (Van der Goot 1917b)

## DIPTERA CECIDOMYIIDAE

### **Clinodiplosis sp.**

**Status:** pollinator

**Distribution:** Belize (Young 1985), Costa Rica (Young 1985)

### **Coccodiplosis coffeae (Barnes)**

*Synonyms:* *Schizobremia coffeae Barnes*

**Status:** predator

**Distribution:** Ghana (Donald 1956), Sao Tome & Principe (Prinsloo 1979), Togo (Dufour 1991)

**Primary parasites:** Cheiloneurus carinatus Compere, Ghana (Ackonor & Mordjifa 1999)

Coccidoctonus pseudococci (Risbec), Ghana (Ackonor & Mordjifa 1999), Sao Tome & Principe (Prinsloo 1979)

**Predator of:** Ferrisia virgata (Cockerell), Ghana (Donald 1956)

Formicococcus njalensis (Laing), Ghana (Ackonor & Mordjifa 1999), Togo (Dufour 1991)

Phenacoccus hargreavesi (Laing), Ghana (Donald 1956)

Planococcus citri (Risso), Ghana (Donald 1956)

### **Megommata donaldi (Pritchard)**

*Synonyms:* *Coccomyza donaldi Pritchard*

**Status:** predator

**Distribution:** Ghana (Pritchard 1952)

**Predator of:** Phenacoccus hargreavesi (Laing), Ghana (Pritchard 1952)

### **Mycodiplosis sp.**

**Status:** pollinator

**Distribution:** Belize (Young 1985), Costa Rica (Young 1985)

**Parallelodiplosis sp. near triangularis (Felt)****Status:** pollinator**Distribution:** Ghana (Kaufmann 1973)**Pseudendaphis ?maculans (Barnes)***Synonyms:* *Endaphis ?maculans (Barnes)***Status:** parasite**Distribution:** Ghana (Firempong & Kumar 1975)**Primary parasite of:** *Toxoptera aurantii* (Boyer de Fonscolombe), Ghana (Firempong & Kumar 1975)**Triommata coccotroctes Barnes****Status:** predator**Distribution:** Ghana (Donald 1956)**Predator of:** *Ferrisia virgata* (Cockerell), Ghana (Donald 1956)**DIPTERA CERATOPOGONIDAE****Aphodiplosis triangularis (Felt)****Status:** pollinator**Distribution:** Costa Rica (Young Erickson & Erickson 1989)**Atrichopogon brevipalpis Macfie****Status:** stem/trunk feeder**Distribution:** Trinidad & Tobago (Macfie 1944)**Atrichopogon sp.****Status:** pollinator**Distribution:** Brazil (Winder 1977), Ghana (Kaufmann 1976), Venezuela (Martinez Narvaez & Spinelli 2000)**Culicoides citroneus Carter Ingram & Macfie****Status:** pollinator**Distribution:** Ghana (Kaufmann 1976)**Culicoides glabellus Wirth & Blanton****Status:** pollinator**Distribution:** Brazil (Winder 1977)**Culicoides insignis Lutz****Status:** pollinator**Distribution:** Colombia (Soria & Wirth 1979)**Culicoides paraensis (Goeldi)****Status:** pollinator**Distribution:** Brazil (Winder 1977)**Culicoides pusillus Lutz****Status:** pollinator**Distribution:** Colombia (Soria & Wirth 1979)**Dasyhelea borgmeieri Wirth & Waugh****Status:** pollinator**Distribution:** Brazil (Wirth & Waugh 1976), Grenada (Wirth & Waugh 1976), Panama (Wirth & Waugh 1976), Trinidad & Tobago (Wirth & Waugh 1976)**Dasyhelea sp.****Status:** stem/trunk feeder**Distribution:** Brazil (Winder 1977), Costa Rica (Young Erickson & Erickson 1989), Trinidad & Tobago (Macfie 1944)**Dasyhelea sp. near grisea (Coquillett)****Status:** pollinator**Distribution:** Colombia (Soria & Wirth 1979)

**Dasyhelea williamsi Wirth & Waugh****Status:** pollinator**Distribution:** Brazil (Wirth & Waugh 1976), Dominica (Wirth & Waugh 1976), Panama (Wirth & Waugh 1976), Trinidad & Tobago (Wirth & Waugh 1976)**Forcipomyia aeria Saunders****Status:** pollinator**Distribution:** Venezuela (Sanchez et al 2001)**Forcipomyia argenteola Macfie****Status:** pollinator**Distribution:** Brazil (Wirth 1982), Colombia (Soria & Wirth 1979)**Forcipomyia ashantii Ingram & Macfie****Status:** pollinator**Distribution:** Ghana (Posnette 1950), Ivory Coast (Alibert 1951)**Forcipomyia attenuata Saunders****Status:** pollinator**Distribution:** Venezuela (Sanchez et al 2001)**Forcipomyia biannulata (Ingram & Macfie)****Status:** pollinator**Distribution:** Ghana (Brew & Boorman 1993)**Forcipomyia blantoni Soria & Bystrak****Status:** pollinator**Distribution:** Brazil (Soria & Bystrak 1975), Colombia (Soria & Wirth 1979), Costa Rica (Soria Wirth & Chapman 1980), Venezuela (Sanchez et al 2001)**Forcipomyia brachyrhynchus Wirth & Dow****Status:** pollinator**Distribution:** Venezuela (Martinez Narvaez & Spinelli 2000)**Forcipomyia bromeliae Saunders****Status:** pollinator**Distribution:** Brazil (Winder 1977)**Forcipomyia calathea Wirth****Status:** pollinator**Distribution:** Brazil (Wirth 1982)**Forcipomyia castanea (Walker)****Status:** pollinator**Distribution:** Ghana (Brew & Boorman 1993)**Forcipomyia chrysolopha (Kieffer)****Status:** pollinator**Distribution:** Ghana (Brew & Boorman 1993)**Forcipomyia cinctipes (Coquillett)****Status:** pollinator**Distribution:** Colombia (Soria & Wirth 1979), Costa Rica (Young 1984)**Forcipomyia clastrieri Dessart****Status:** pollinator**Distribution:** Ghana (Kaufmann 1976)**Forcipomyia cornuta Saunders****Status:** pollinator**Distribution:** Venezuela (Sanchez et al 2001)



**Forcipomyia fuliginosa (Meigen)**

*Synonyms: Forcipomyia hirtipes Meijere*

**Status:** pollinator, predator

**Distribution:** Belize (Young 1983a), Brazil (Soria 1976), Colombia (Soria & Wirth 1979), Costa Rica (Soria Wirth & Chapman 1980), Ghana (Brew & Boorman 1993), No locality (Wirth 1975)

**Predator of:** *Lirimiris meridionalis* (Schaus), Belize (Young 1983a)

**Forcipomyia genualis (Loew)**

**Status:** pollinator

**Distribution:** Brazil (Soria 1976), Colombia (Soria & Wirth 1979), Costa Rica (Young 1984), Ecuador (Soria Wirth & Flores 1976), Sao Tome & Principe (Soria Wirth & Flores 1976), Venezuela (Sanchez et al 2001)

**Forcipomyia harpegonata Wirth & Soria**

**Status:** pollinator

**Distribution:** Brazil (Winder 1977), Venezuela (Martinez Narvaez & Spinelli 2000)

**Forcipomyia hermosa Utmar & Wirth**

**Status:** pollinator

**Distribution:** Venezuela (Sanchez et al 2001)

**Forcipomyia inornatipennis (Austen)**

**Status:** pollinator

**Distribution:** Ghana (Kaufmann 1976)

**Forcipomyia jipajapae Wirth**

**Status:** pollinator

**Distribution:** Brazil (Winder 1977)

**Forcipomyia lesliei Wirth**

**Status:** pollinator

**Distribution:** Brazil (Winder 1977)

**Forcipomyia litoraurea (Ingram & Macfie)**

*Synonyms: Lasiohelea litoraurea Ingram & Macfie*

**Status:** pollinator

**Distribution:** Ghana (Posnette 1950), Ivory Coast (Alibert 1951)

**Forcipomyia longispina Saunders**

**Status:** pollinator

**Distribution:** Venezuela (Sanchez et al 2001)

**Forcipomyia louriei Macfie**

**Status:** pollinator

**Distribution:** Venezuela (Sanchez et al 2001)

**Forcipomyia luteigenua Wirth & Spinelli**

**Status:** pollinator

**Distribution:** Brazil (Wirth & Spinelli 1992), Colombia (Wirth & Spinelli 1992), Mexico (Wirth & Spinelli 1992), Venezuela (Sanchez et al 2001)

**Forcipomyia marini Spinelli & Dippolito**

**Status:** pollinator

**Distribution:** Venezuela (Sanchez et al 2001)

**Forcipomyia nana (Macfie)**

*Synonyms: Lasiohelea nana Macfie*

**Status:** pollinator

**Distribution:** Ecuador (Soria Wirth & Flores 1976), Trinidad & Tobago (Macfie 1944)

**Forcipomyia pictoni Macfie**

**Status:** pollinator

**Distribution:** Brazil (Winder 1977), No locality (Wirth 1976), Venezuela (Martinez Narvaez & Spinelli 2000)

**Forcipomyia pinamerensis Spinelli****Status:** pollinator**Distribution:** Brazil (Wirth 1991), Venezuela (Sanchez et al 2001)**Forcipomyia poulaineae Ingram & Macfie****Status:** pollinator**Distribution:** Brazil (Soria 1976)**Forcipomyia psilonota (Kieffer)***Synonyms: Forcipomyia ingrami Carter***Status:** pollinator**Distribution:** Ghana (Posnette 1950), Ivory Coast (Alibert 1951)**Forcipomyia quasi-ingrami Macfie****Status:** pollinator**Distribution:** Brazil (Winder 1977), Trinidad & Tobago (Macfie 1944), Venezuela (Sanchez et al 2001)**Forcipomyia quatei Wirth****Status:** pollinator**Distribution:** Costa Rica (Young 1983b), No locality (Wirth 1982), Venezuela (Sanchez et al 2001)**Forcipomyia seminole Wirth****Status:** pollinator**Distribution:** Venezuela (Sanchez et al 2001)**Forcipomyia setigera Saunders****Status:** pollinator**Distribution:** Venezuela (Sanchez et al 2001)**Forcipomyia soriai Wirth***Synonyms: Dasyhelea soriai Wirth & Waugh***Status:** pollinator**Distribution:** Brazil (Wirth 1991), Costa Rica (Young 1984)**Forcipomyia sp.****Status:** pollinator**Distribution:** Venezuela (Sanchez et al 2001)**Forcipomyia spatulifera Saunders****Status:** pollinator**Distribution:** Brazil (Soria & Wirth 1974), Venezuela (Sanchez et al 2001)**Forcipomyia squamipennis Ingram & Macfie****Status:** pollinator**Distribution:** Ghana (Kaufmann 1976)**Forcipomyia squamithorax Clastrier****Status:** pollinator**Distribution:** Venezuela (Sanchez et al 2001)**Forcipomyia stylifera (Lutz)***Synonyms: Lasiohelea stylifer Lutz***Status:** pollinator**Distribution:** Colombia (Soria & Wirth 1979), Trinidad & Tobago (Macfie 1944)**Forcipomyia terrestris Saunders****Status:** pollinator**Distribution:** Venezuela (Sanchez et al 2001)**Forcipomyia tuberculata Saunders****Status:** pollinator**Distribution:** Costa Rica (Soria Wirth & Chapman 1980), Ecuador (Soria Wirth & Flores 1976)

**Forcipomyia uramaensis Spinelli & Dippolito****Status:** pollinator**Distribution:** Venezuela (Sanchez et al 2001)**Forcipomyia venusta (Ingram & Macfie)****Status:** pollinator**Distribution:** Ghana (Brew & Boorman 1993)**Forcipomyia winderi Wirth****Status:** pollinator**Distribution:** Brazil (Wirth 1991), Venezuela (Sanchez et al 2001)**Forcipomyia youngi Wirth****Status:** pollinator**Distribution:** Costa Rica (Wirth 1982), Ecuador (Wirth 1982), Panama (Wirth 1982)**Lasiohelea sp.****Status:** pollinator**Distribution:** Costa Rica (Young Erickson & Erickson 1989)**Ledomyia sp.****Status:** pollinator**Distribution:** Costa Rica (Young Erickson & Erickson 1989)**Monohelea affinis Felipe-Bauer & Spinelli****Status:** pollinator**Distribution:** Venezuela (Sanchez et al 2001)**Mycodiplosis ligulata Gagne****Status:** pollinator**Distribution:** Costa Rica (Young Erickson & Erickson 1989)**Stilobezzia africana (Ingram & Macfie)****Status:** pollinator**Distribution:** Ghana (Kaufmann 1976)**Stilobezzia sp.****Status:** pollinator, stem/trunk feeder**Distribution:** Trinidad & Tobago (Macfie 1944), Venezuela (Sanchez et al 2001)**Stilobezzia sp. near pruinosa Wirth****Status:** pollinator**Distribution:** Colombia (Soria & Wirth 1979)**Stilobezzia spirogyrae Carter Ingram & Macfie****Status:** pollinator**Distribution:** Ghana (Kaufmann 1976)**DIPTERA CRYPTOCHETIDAE****Cryptochetum sp.****Status:** parasite**Distribution:** Ghana (Ackonor & Mordjifa 1999)**Primary parasite of:** Formicococcus njalensis (Laing), Ghana (Ackonor & Mordjifa 1999)

Planococcus citri (Risso), Ghana (Ackonor 2002)

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**DIPTERA DROSOPHILIDAE**
**Drosophila pruinosa Duda****Status:** pollinator**Distribution:** Cameroon (Lucas & Decazy 1981)**Leucophenga sp.****Status:** pollinator**Distribution:** Cameroon (Lucas & Decazy 1981)**Pseudiasata vorax Sabrosky****Status:** predator**Distribution:** Trinidad & Tobago (Sabrosky 1951)**Primary parasites:** *Thysanus* sp. , Trinidad & Tobago (Kirkpatrick 1953b)**Predator of:** *Dysmicoccus brevipes* (Cockerell), Trinidad & Tobago (Sabrosky 1951)**Scaptodrosophila lambi Duda****Status:** pollinator**Distribution:** Cameroon (Lucas & Decazy 1981)**Scaptodrosophila triangulifer (Lamb)***Synonyms:* *Drosophila triangulifer* Lamb**Status:** pollinator**Distribution:** Cameroon (Bruneau De Mire & Mbondji 1972)**Zaprionus sepsoides Duda****Status:** no record**Distribution:** Cameroon (Tsacas et al 1977)**Zaprionus sp.****Status:** pollinator**Distribution:** Cameroon (Lucas & Decazy 1981)**Zaprionus tuberculatus Malloch****Status:** no record**Distribution:** Cameroon (Tsacas et al 1977)**DIPTERA LIMONIIDAE****Dicranomyia eboracensis (Alexander)***Synonyms:* *Limonia eboracensis* Alexander**Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Limonia sp.****Status:** predator**Distribution:** Papua New Guinea (Entwistle 1972)**Predator of:** *Pantorhytes szentivanyi* Marshall, Papua New Guinea (Entwistle 1972)**DIPTERA NERIIDAE****Chaetonerius latifemur Enderlein****Status:** no record**Distribution:** Ghana (Evans 1973)**Telostylinus lineolatus Wiedemann****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

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## DIPTERA PANTOPHTHALMIDAE

### **Pantophthalmus bellardii Bigot**

**Status:** branch feeder

**Distribution:** Ecuador (Campos 1933a)

## DIPTERA PHORIDAE

### **Megaselia scalaris (Loew)**

**Status:** parasite

**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951)

**Primary parasite of:** *Euproctis fasciata* Walker, Ghana (Smith 1965), Ivory Coast (Alibert 1951)

### **Puliciphora borinquensis Wheeler**

*Synonyms:* *Puliciphora spinicollis* Schmitz

**Status:** parasite

**Distribution:** Ivory Coast (Alibert 1951)

**Primary parasite of:** *Anomis leona* Schaus, Ivory Coast (Alibert 1951)

## DIPTERA PLATYSTOMATIDAE

### **Engistoneura moerans (Fabricius)**

*Synonyms:* *Engistoneura albovaria* (Walker)

**Status:** no record

**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)

## DIPTERA SARCOPHAGIDAE

### **Sarcophaga caudagalli Boettcher**

**Status:** parasite

**Distribution:** Malaysia W. Malaysia (Corbett & Miller 1933)

**Primary parasite of:** *Eumeta variegata* (Snellen), Malaysia (Corbett & Miller 1933)

### **Sarcophaga orientalis Parker**

**Status:** parasite

**Distribution:** Malaysia W. Malaysia (Entwistle 1972)

**Primary parasite of:** *Setora nitens* Walker, Malaysia (Entwistle 1972)

## DIPTERA STRATIOMYIIDAE

### **Evaza fortis (Walker)**

**Status:** predator

**Distribution:** Papua New Guinea (Entwistle 1972)

**Predator of:** *Pantorhytes szentivanyi* Marshall, Papua New Guinea (Entwistle 1972)

## DIPTERA SYRPHIDAE

### **Allobaccha picta (Wiedemann)**

*Synonyms:* *Baccha picta* Wiedemann

**Status:** predator

**Distribution:** Ghana (Cotterell 1927c)

**Predator of:** *Mesohomotoma tessmanni* (Aulmann), Ghana (Cotterell 1927c)

**Allobaccha praeusta (Bezzi)**

*Synonyms: Baccha praeusta Bezzi*

**Status:** predator

**Distribution:** Ghana (Cotterell 1927c)

**Predator of:** Mesohomotoma tessmanni (Aulmann), Ghana (Cotterell 1927c)

**Allobaccha sinuata (Brunetti)**

*Synonyms: Baccha sinuata Brunetti*

**Status:** predator

**Distribution:** Ghana (Cotterell 1927c)

**Predator of:** Mesohomotoma tessmanni (Aulmann), Ghana (Cotterell 1927c)

**Ocyptamus ?flatus (Hull)**

**Status:** predator

**Distribution:** Brazil (Anon 1983)

**Predator of:** Metcalfiella pertusa (Germar), Brazil (Anon 1983)

**Ocyptamus stenogaster (Williston)**

*Synonyms: Baccha stenogaster Williston*

**Status:** predator

**Distribution:** Trinidad & Tobago (Kirkpatrick 1953b)

**Predator of:** Dysmicoccus brevipes (Cockerell), Trinidad & Tobago (Kirkpatrick 1953b)

Planococcus citri (Risso), Trinidad & Tobago (Kirkpatrick 1953a)

**Paragus borboricus Macquart**

**Status:** predator

**Distribution:** Ghana (Cotterell 1927c)

**Predator of:** Toxoptera aurantii (Boyer de Fonscolombe), Ghana (Cotterell 1927c)

**Paragus marshalli Bezzi**

**Status:** predator

**Distribution:** Ghana (Cotterell 1927c)

**Predator of:** Toxoptera aurantii (Boyer de Fonscolombe), Ghana (Cotterell 1927c)

**Paragus sp.**

**Status:** predator

**Distribution:** Ghana (Firempong & Kumar 1975)

**Predator of:** Toxoptera aurantii (Boyer de Fonscolombe), Ghana (Firempong & Kumar 1975)

**Paragus tibialis (Fallen)**

**Status:** predator

**Distribution:** Ghana (Firempong & Kumar 1975)

**Predator of:** Toxoptera aurantii (Boyer de Fonscolombe), Ghana (Firempong & Kumar 1975)

**DIPTERA TACHINIDAE****Actia panamensis Curran**

**Status:** parasite

**Distribution:** Trinidad & Tobago (Entwistle 1972)

**Primary parasite of:** Oxyptilus sp. , Trinidad & Tobago (Entwistle 1972)

**Belvosia aldrichi (Townsend)**

*Synonyms: Belvosia esuriens (Fabricius), Willistonina esuriens Fabricius*

**Status:** parasite

**Distribution:** Trinidad & Tobago (Lamont 1917)

**Primary parasite of:** Automeris janus Cramer, Trinidad & Tobago (Lamont 1917)

**Billaea vanemdeni Fennah**

**Status:** parasite

**Distribution:** Ghana (Entwistle 1972)

**Primary parasite of:** Tragocephala castnia theobromae Entwistle, Ghana (Entwistle 1972)

*Tragocephala nobilis* (Fabricius), Ghana (Entwistle 1972)

### **Blepharella lodosi Mesnil**

*Synonyms: Congochrysosoma lodosi Mesnil*

**Status:** parasite

**Distribution:** Ghana (Lodos 1968c)

**Primary parasite of:** *Achaea catocaloides* Guenee, Ghana (Lodos 1968c)

### **Blepharipa sp.**

**Status:** parasite

**Distribution:** India (Ramaseshiah & Bali 1987)

**Primary parasite of:** *Lymantria ampla* (Walker), India (Ramaseshiah & Bali 1987)

### **Cadurcia auratocauda (Curran)**

**Status:** parasite

**Distribution:** Ghana (Smith 1965)

**Primary parasite of:** *Characoma stictigrapta* Hampson, Ghana (Akotoye 1975)

*Eccopsis* sp. near *praecedens* (Walsingham), Ghana (Smith 1965)

*Tortrix dinota* Meyrick, Ghana (Smith 1965)

### **Carcelia angulicornis Villeneuve**

*Synonyms: Carcelia angulicornis Villeneuve*

**Status:** parasite

**Distribution:** Ghana (Smith 1965)

**Primary parasite of:** *Characoma stictigrapta* Hampson, Ghana (Smith 1965)

### **Carcelia flavirostris (Wulp)**

**Status:** parasite

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

**Primary parasite of:** *Hypercompe muzima* (Oberthur), Trinidad & Tobago (Kirkpatrick 1954)

*Melese laodamia* (Druce), Trinidad & Tobago (Kirkpatrick 1954)

### **Carcelia sp.**

**Status:** parasite

**Distribution:** India (Ramaseshiah & Bali 1987), Ivory Coast (Alibert 1951), Vanuatu (Risbec 1937)

**Primary parasite of:** *Lymantria ampla* (Walker), India (Ramaseshiah & Bali 1987)

*Oeonistis entella* Cramer, Vanuatu (Risbec 1937)

*Olene mendosa* (Hubner), Ivory Coast (Alibert 1951)

### **Chaetexorista javana Brauer & Bergenstamm**

**Status:** parasite

**Distribution:** Malaysia (Khoo Ooi & Ho 1991)

**Primary parasite of:** *Setora nitens* Walker, Malaysia (Khoo Ooi & Ho 1991)

### **Chaetexorista sp.**

**Status:** parasite

**Distribution:** Indonesia Java (Entwistle 1972)

**Primary parasite of:** *Setora nitens* Walker, Indonesia Java (Entwistle 1972)

### **Chatolydella sp.**

**Status:** parasite

**Distribution:** Ghana (Smith 1965)

**Primary parasite of:** *Alpenus schraderi rattrayi* (Rothschild), Ghana (Smith 1965)

### **Chetogena sp.**

*Synonyms: Spoggosia sp.*

**Status:** parasite

**Distribution:** Papua New Guinea (Anon 1971)

**Primary parasite of:** *Pinzulenza kukisch* Hering, Papua New Guinea (Anon 1971)

### **Cryptomeigenia aurifacies Walton**

**Status:** parasite

**Distribution:** Puerto Rico (Smyth 1917)

**Primary parasite of:** *Holotrichia vandinei* (Smyth), Puerto Rico (Smyth 1917)  
*Phyllophaga plaei* (Blanchard), Puerto Rico (Smyth 1917)

### ***Cylindromyia eronis* Curran**

*Synonyms:* *Cylindromyia cribrata* (Villeneuve)

**Status:** parasite

**Distribution:** Ghana (Gerard 1966b), Nigeria (Eguagie 1975a)

**Primary parasite of:** *Bathypoelia thalassina* (Herrich-Schaffer), Ghana (Gerard 1966b), Nigeria (Eguagie 1975a)

### ***Doleschalla* sp.**

**Status:** parasite

**Distribution:** Papua New Guinea (Baker 1978)

**Primary parasites:** *Exoristobia philippinensis* Ashmead, Papua New Guinea (Baker 1978)

*Zaplatycerus* sp. , Papua New Guinea (Baker 1978)

**Primary parasite of:** *Pantorhytes szentivanyi* Marshall, Papua New Guinea (Baker 1978)

### ***Exorista ?ebneri* (Villeneuve)**

*Synonyms:* *Tachina ?ebneri* Villeneuve

**Status:** parasite

**Distribution:** Nigeria (Entwistle 1972)

**Primary parasite of:** *Eumeta rougeoti* Bourgogne, Nigeria (Entwistle 1972)

### ***Exorista sorbillans* (Wiedemann)**

*Synonyms:* *Tachina sorbillans* (Wiedemann), *Thrycolyga sorbillans* Wiedemann

**Status:** parasite

**Distribution:** Ghana (Smith 1965)

**Primary parasite of:** *Earias biplaga* Walker, Ghana (Smith 1965)

*Setora nitens* Walker, Malaysia (Entwistle 1972)

### ***Exorista* sp.**

**Status:** parasite

**Distribution:** India (Ramaseshiah & Bali 1987), Vanuatu (Entwistle 1972)

**Primary parasite of:** *Adoxophyes* sp. , Vanuatu (Entwistle 1972)

*Lymantria ampla* (Walker), India (Ramaseshiah & Bali 1987)

### ***Exorista* sp. near *sorbillans* Wiedemann**

**Status:** parasite

**Distribution:** Papua New Guinea (Entwistle 1972)

**Primary parasite of:** *Achaea janata* (Linnaeus), Papua New Guinea (Entwistle 1972)

### ***Exorista thomasi* Mesnil**

**Status:** parasite

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

**Primary parasite of:** *Kotochalia* sp. , Indonesia West Irian (Schreurs & Simon-Thomas 1961)

### ***Exorista xanthaspis* Wiedemann**

**Status:** parasite

**Distribution:** Papua New Guinea (Entwistle 1972)

**Primary parasite of:** *Tiracola plagiata* (Walker), Papua New Guinea (Entwistle 1972)

### ***Leschenaultia leucophrys* (Wiedemann)**

**Status:** parasite

**Distribution:** Brazil (Ferraz & De Abreu 1984)

**Primary parasite of:** *Halysidota* sp. , Brazil (Ferraz & De Abreu 1984)

### ***Lespesia affinis* (Townsend)**

**Status:** parasite

**Distribution:** Brazil (Ferraz & De Abreu 1984)

**Primary parasite of:** *Halysidota* sp. , Brazil (Ferraz & De Abreu 1984)



**Masicera sp.****Status:** parasite**Distribution:** Indonesia Java (Entwistle 1972)**Primary parasite of:** Apogonia destructor Ritsema, Indonesia Java (Entwistle 1972)**Nealsomyia rufella (Bezzi)***Synonyms: Exorista quadrimaculata Baranov***Status:** parasite**Distribution:** Malaysia W. Malaysia (Corbett & Miller 1933)**Primary parasite of:** Eumeta variegata (Snellen), Malaysia (Corbett & Miller 1933)**Palexorista ?imberbis (Wiedemann)***Synonyms: Drino ?imberbis (Wiedemann)***Status:** parasite**Distribution:** Ghana (Smith 1965)**Primary parasite of:** Diacrisia auriantica Holland, Ghana (Smith 1965)**Palexorista amicula Mesnil***Synonyms: Drino amicula Mesnil***Status:** parasite**Distribution:** Ghana (Smith 1965)**Primary parasite of:** Characoma stictigrapta Hampson, Ghana (Smith 1965)**Palexorista longiuscula (Walker)***Synonyms: Phorocera longiuscula Walker***Status:** parasite**Distribution:** Brazil (Da Costa Lima 1936)**Primary parasite of:** Phobetron hipparchia (Cramer), Brazil (Da Costa Lima 1936)**Palexorista sp.****Status:** parasite**Distribution:** India (Ramaseshiah & Bali 1987)**Primary parasite of:** Lymantria ampla (Walker), India (Ramaseshiah & Bali 1987)**Palexorista sp. near imberbis (Wiedemann)***Synonyms: Drino sp. near imberbis (Wiedemann)***Status:** parasite**Distribution:** Ghana (Akotoye 1975)**Primary parasite of:** Characoma stictigrapta Hampson, Ghana (Akotoye 1975)**Peribaea ?mitis Curran***Synonyms: Actia ?mitis Curran***Status:** parasite**Distribution:** Ghana (Smith 1965)**Primary parasite of:** Earias biplaga Walker, Ghana (Smith 1965)**Peribaea mitis Curran***Synonyms: Actia mitis Curran***Status:** parasite**Distribution:** Ivory Coast (Alibert 1951)**Primary parasite of:** Cleora tulbaghata (Felder), Ivory Coast (Alibert 1951)**Peribaea suspecta (Malloch)***Synonyms: Actia nana Curran***Status:** parasite**Distribution:** Zaire (Alibert 1951)**Primary parasite of:** Earias biplaga Walker, Zaire (Alibert 1951)**Phytorophaga ventralis Bezzi****Status:** parasite**Distribution:** Indonesia (Menzel 1925)**Primary parasite of:** Phytorus dilatatus Jacoby, Indonesia (Menzel 1925)

**Prosenia siberita Fabricius****Status:** parasite**Distribution:** Indonesia Java (Entwistle 1972)**Primary parasite of:** Apogonia destructor Ritsema, Indonesia Java (Entwistle 1972)**Senometopia evolans Wiedemann***Synonyms: Carcelia evolans Wiedemann***Status:** parasite**Distribution:** Ghana (Smith 1965)**Primary parasite of:** Imbrasia epimethea Drury, Ghana (Smith 1965)**Thelaira aurofasciata Emden****Status:** parasite**Distribution:** Ghana (Smith 1965)**Primary parasite of:** Alpenus schraderi rattrayi (Rothschild), Ghana (Smith 1965)**Thelaira nigripes (Fabricius)****Status:** parasite**Distribution:** Ghana (Smith 1965)**Primary parasite of:** Alpenus schraderi rattrayi (Rothschild), Ghana (Smith 1965)**Winthemia ?sumatrana (Townsend)***Synonyms: Winthemia ?diversa Malloch***Status:** parasite**Distribution:** Papua New Guinea (Entwistle 1972)**Primary parasite of:** Achaea janata (Linnaeus), Papua New Guinea (Entwistle 1972)**Winthemia pinguoides (Townsend)***Synonyms: Promasipoda pinguoides Townsend***Status:** parasite**Distribution:** Brazil (Silva 1944b)**Primary parasite of:** Arsenura armida (Cramer), Brazil (Silva 1944b)

Stenomoma decora Zeller, Brazil (Silva 1944b)

**Winthemia sp. near sumatrana (Townsend)***Synonyms: Winthemia sp. near diversa Malloch***Status:** parasite**Distribution:** Papua New Guinea (Anon 1969)**Primary parasite of:** Ectropis bhurmitra (Walker), Papua New Guinea (Anon 1969)**Zenilliana sp.****Status:** parasite**Distribution:** Ivory Coast (Alibert 1951)**Primary parasite of:** Characoma stictigrapta Hampson, Ivory Coast (Alibert 1951)**DIPTERA TEPHRITIDAE****Anastrepha fraterculus (Wiedemann)****Status:** fruit feeder**Distribution:** Venezuela (Caraballo 2001)**Bactrocera passiflorae (Froggatt)****Status:** fruit feeder**Distribution:** Fiji (Lever 1945)**Primary parasites:** Pachyneuron sp. , Fiji (Lever 1945)**Ceratitis anonae Graham***Synonyms: Pterandrus anonae (Graham)***Status:** fruit feeder**Distribution:** Tanzania (Morstatt 1913)

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**Ceratitis punctata (Wiedemann)**

*Synonyms: Pardalaspis punctata (Wiedemann)*

**Status:** fruit feeder

**Distribution:** Ivory Coast (Alibert 1951), Togo (Alibert 1951), Uganda (Gowdey 1913), Zaire (Mayne 1917)

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## HETEROPTERA ACANTHOSOMATIDAE

### Catadipson sus Breddin

**Status:** no record

**Distribution:** Ghana (Majer 1975)

## HETEROPTERA ALYDIDAE

### Riptortus sp.

**Status:** no record

**Distribution:** Ghana (Majer 1975)

## HETEROPTERA ANTHOCORIDAE

### Dufouriellus ater (Dufour)

**Status:** predator

**Distribution:** Nigeria (Mejule & Onyuike 1979)

**Predator of:** Not recorded -, Nigeria (Mejule & Onyuike 1979)

### Lasiochilus sp.

**Status:** predator

**Distribution:** Malaysia W. Malaysia (Miller 1941)

**Predator of:** Not recorded -, Malaysia W. Malaysia (Miller 1941)

### Xylocoris afer (Reuter)

**Status:** predator

**Distribution:** Nigeria (Riley & Simmons 1968)

**Predator of:** Not recorded -, Nigeria (Riley & Simmons 1968)

### Xylocoris flavipes (Reuter)

**Status:** predator

**Distribution:** Nigeria (Okobi 1980)

**Predator of:** Not recorded -, Nigeria (Okobi 1980)

### Xylocoris sp.

**Status:** predator

**Distribution:** Nigeria (Mejule & Onyuike 1979)

**Predator of:** Not recorded -, Nigeria (Mejule & Onyuike 1979)

## HETEROPTERA ARADIDAE

### Brachyrhynchus furcatus Germar

*Synonyms: Mezira furcata Germar*

**Status:** no record

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

### Mezira affinis (Signoret)

**Status:** no record

**Distribution:** Ghana (Gibbs & Leston 1970)

### Mezira rugosa (Signoret)

**Status:** no record

**Distribution:** Central African Republic (Boulard 1967), Ghana (Majer 1975)

**Mezira sp.****Status:** no record**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)**Usingeria mirabilis Schouteden****Status:** no record**Distribution:** Ghana (Anon 1967)**HETEROPTERA BERYTIDAE****Capyella sp.***Synonyms:* *Gombura sp.***Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Jalysus reversus Duzee****Status:** no record**Distribution:** Trinidad & Tobago (Callan 1957)**Metacanthus pulchellus Dallas***Synonyms:* *Gampschoris pulchellus Dallas***Status:** leaf feeder, shoot feeder**Distribution:** Malaysia W. Malaysia (Miller 1941)**Predators:** *Cosmolestes picticeps* Stal, Malaysia (Miller 1941)**Parajalysus spinosus Distant****Status:** no record**Distribution:** Peru (Wille 1942)**HETEROPTERA BRACHYPLATIDAE****Caternaultiella guineensis Spinola****Status:** no record**Distribution:** Ghana (Majer 1975)**HETEROPTERA COREIDAE****Acanthocoris dentatus Haglund***Synonyms:* *Homoeocerus dentatus (Haglund)***Status:** shoot feeder**Distribution:** Nigeria (Golding 1941a)**Acanthotyla distinguenda Blote****Status:** fruit feeder**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Acanthotyla sp.****Status:** fruit feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Amblypelta ardleyi Brown****Status:** fruit feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Amblypelta coccophaga malaitensis Brown****Status:** no record**Distribution:** Solomon Is (Brown 1958)

**Amblypelta cocophaga cocophaga China****Status:** shoot feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961), Solomon Is (Lever 1968)**Amblypelta costalis szentivanyi Brown****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Amblypelta gallegonis bougainvillensis Brown****Status:** fruit feeder**Distribution:** Papua New Guinea (Anon 1969)**Amblypelta gallegonis Lever****Status:** shoot feeder**Distribution:** Solomon Is (Lever 1968)**Amblypelta madangana Brown & Ghauri****Status:** fruit feeder**Distribution:** Papua New Guinea (Szent-Ivany 1963)**Amblypelta theobromae Brown****Status:** fruit feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Anoplocnemis phasiana (Fabricius)****Status:** shoot feeder**Distribution:** Malaysia W. Malaysia (Miller 1941)**Brachylybas inflexus Blote****Status:** fruit feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Clavigralla horrida (Germar)***Synonyms: Acanthomia horrida Germar***Status:** no record**Distribution:** Ghana (Majer 1975)**Cletomorpha lancigera (Fabricius)****Status:** leaf feeder**Distribution:** Equatorial Africa Bioko (Mayne & Ghesquiere 1934), Nigeria (Golding 1941a), Sao Tome & Principe (Mayne & Ghesquiere 1934), Zaire (Mayne & Ghesquiere 1934)**Cletus ochraceus (Herrich-Shaffer)****Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Cletus unifasciatus (Blote)***Synonyms: Cletomorpha unifasciata Blote, Cletomorpha unifasciatus Blote***Status:** leaf feeder**Distribution:** Ghana (Lodos 1967a), Ivory Coast (Alibert 1951)**Dalader acuticosta Amyot & Serville****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Homoeocerus ignotus Schouteden****Status:** fruit feeder**Distribution:** Ivory Coast (Alibert 1951)**Homoeocerus pallens (Fabricius)****Status:** fruit feeder**Distribution:** Ghana (Cotterell 1927c), Zaire (Mayne & Ghesquiere 1934)

**Homoeocerus punctum Dallas****Status:** fruit feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Homoeocerus sp.****Status:** fruit feeder**Distribution:** Ghana (Lodos 1967a), Malaysia Sabah (Conway 1971)**Hydara tenuicornis (Westwood)****Status:** leaf feeder**Distribution:** Ghana (Lodos 1967a), Zaire (Mayne & Ghesquiere 1934)**Leptocorisa lepida Breddon****Status:** no record**Distribution:** Malaysia Sabah (Conway 1971)**Leptoglossus australis (Fabricius)****Status:** leaf feeder, shoot feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Leptoglossus dilaticollis Guerin Meneville****Status:** no record**Distribution:** Brazil (Da Costa Lima 1936)**Leptoglossus gonagra (Fabricius)****Status:** no record**Distribution:** Dominican Republic (Anon 1933)**Megalotomus rufipes (Westwood)****Status:** no record**Distribution:** Costa Rica (Entwistle 1972)**Mictis longicornis Westwood****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Petalocnemis sp.****Status:** fruit feeder**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Priocnemicoris flaviceps (Guerin-Meneville)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Pseudotheraptus devastans (Distant)***Synonyms: Pendulinus devastans Distant***Status:** fruit feeder**Distribution:** Ghana (Lodos 1965), Nigeria (Entwistle 1972), Zaire (Distant 1918)**Predators:** Oecophylla longinoda (Latreille), Ghana (Lodos 1967a)

Pheidole megacephala (Fabricius), Ghana (Lodos 1967a)

**Pseudotheraptus wayi Brown***Synonyms: Theraptus sp. (EastAfrica)***Status:** fruit feeder**Distribution:** Tanzania Pemba (Way 1953), Tanzania Zanzibar (Tait 1954)**Predators:** Pheidole megacephala (Fabricius), Tanzania Zanzibar (Tait 1954)**Sciophyrus fasciata Walker****Status:** fruit feeder**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

**Sciophyrus sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Stenocoris apicalis (Westwood)****Status:** no record**Distribution:** Sao Tome & Principe (Simmonds 1969)**Theraptus carmelita (Burmeister)***Synonyms: Pendulinus carmelita Burmeister***Status:** fruit feeder**Distribution:** Zaire (Mayne 1917)**Theraptus sp.****Status:** no record**Distribution:** Ghana (Lodos 1967a)**HETEROPTERA CYDNIDAE****Macroscythus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**HETEROPTERA GELASTOCORIDAE****Nertha ampliata (Montford)****Status:** predator**Distribution:** Papua New Guinea (Entwistle 1972)**Predator of:** *Tiracola plagiata* (Walker), Papua New Guinea (Entwistle 1972)**HETEROPTERA LARGIDAE****Acinocoris lunaris (Gmelin)****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**HETEROPTERA LYGAEIDAE****Afrovertanus elongatus Scudder****Status:** no record**Distribution:** Ghana (Majer 1975)**Astacops flavicollis (Walker)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Catley 1960)**Dieuches albostriatus Fabricius****Status:** no record**Distribution:** Ghana (Majer 1975)**Diniella laevicollis (Reuter)****Status:** no record**Distribution:** Ghana (Majer 1975)**Dinomachus majusculus Scudder****Status:** no record**Distribution:** Ghana (Majer 1975)



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**Geocoris amabilis Stal**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Geocoris sp.**

**Status:** no record

**Distribution:** Brazil (Bicelli et al 1987), Malaysia W. Malaysia (Yunus & Ho 1980)

**Lethaeus sp.**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Lophoraglius gutturalis Stal**

*Synonyms: Lethaeus gutturalis Stal*

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Neopamera neotropialis (Kirkaldi)**

*Synonyms: Pachybrachius neotropialis (Kirkaldi)*

**Status:** no record

**Distribution:** Brazil (Bicelli et al 1987)

**Ninyas torvus Distant**

**Status:** predator

**Distribution:** Trinidad & Tobago (Callan 1943)

**Predator of:** *Selenothrips rubrocinctus* (Giard), Trinidad & Tobago (Callan 1943)

**Oncopeltus famelicus Fabricius**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Oxycarenus dudgeoni Distant**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Oxycarenus fieberi Stal**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Pachybrachius sp.**

**Status:** no record

**Distribution:** Brazil (Bicelli et al 1987)

**Panchaea depressa Stal**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Paromius gracillis Rambur**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Pseudopachybrachius dubia (Reuter)**

*Synonyms: Pachybrachius dubius (Reuter)*

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Spilostethus hospes (Fabricius)**

*Synonyms: Lygaeus hospes Fabricius*

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Spilostethus pacificus (Boisduval)**

*Synonyms: Lygaeus pacificus Boisduval*

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

## HETEROPTERA MIRIDAE

### **Boxia khayae** China

**Status:** no record

**Distribution:** Ivory Coast (China 1943)

**Primary parasites:** *Peristenus sahlbergellae* (Wilkinson), West Africa (Entwistle 1972)

### **Boxiopsis madagascariensis** Lavabre

**Status:** shoot feeder

**Distribution:** Madagascar (Lavabre 1961)

### **Bryocoropsis cotterelli** China

**Status:** fruit feeder

**Distribution:** Equatorial Guinea Bioko (China 1929), Zaire (Mayne & Ghesquiere 1934)

### **Bryocoropsis laticollis** Schumacher

**Status:** fruit feeder

**Distribution:** Equatorial Guinea (Box 1944), Ghana (Box 1943), Ivory Coast (Alibert 1951)

**Primary parasites:** *Peristenus sahlbergellae* (Wilkinson), West Africa (Box 1943)

*Telenomus* sp. , Ghana (Lodos 1968b)

**Hyperparasites:** *Mesochorus melanothorax* Wilkinson, Ghana (Box 1943)

**Predators:** *Rhynocoris loratus* Stal, Ghana (Waters 1941)

### **Coctoteris winthemii** (Guerin-Meneville)

*Synonyms:* *Coctoteris viridescens* Walker

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

### **Deraeocoris crigi** Gibbs & Leston

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** *Mesohomotoma tessmanni* (Aulmann), Ghana (Lodos 1968c)

### **Distantiella theobroma** (Distant)

*Synonyms:* *Sahlbergella theobroma* Distant

**Status:** fruit feeder, shoot feeder

**Distribution:** Cameroon (Lavabre 1957), Central African Republic (Boulard 1967), Ghana (Dudgeon 1910), Ivory Coast (Alibert 1951), Nigeria (Lamborn 1914), Togo (Alibert 1951)

**Primary parasites:** *Encyrtus cotterelli* Waterston, Ghana (Waterston 1922)

*Euphorus* sp. , Ghana (Box 1944)

*Telenomus* sp. , Ghana (Lodos 1968b)

**Predators:** *Carcinomma astrologus* Bergroth, Ghana (Entwistle 1972), Zaire (Entwistle 1972)

*Cataspilota misana* (Giglio-Tos), Ghana (Marchart 1968)

*Cheiracanthium* sp. , Ghana (Marchart 1968)

*Crematogaster africana* Mayr, Ghana (Marchart 1968)

*Crematogaster depressa* (Latreille), Ghana (Marchart 1968)

*Endochus africanus* Bergroth, Ghana (Marchart 1968)

*Hyllus holochalceus* Simon, Ghana (Marchart 1968)

*Oecophylla longinoda* (Latreille), Cameroon (Mpe 2002), Ghana (Williams 1954)

*Panurgica compressicollis* (Saussure), Ghana (Marchart 1968)

*Pheidole megacephala* (Fabricius), Ghana (Williams 1954)

*Phonoctonus* sp. , Ghana (Entwistle 1972)

*Platythyrea conradti* Emery, Ghana (Marchart 1968)

*Prohierodula ornatipennis* (Bolivar), Ghana (Marchart 1968)

*Rhynocoris albopilosus* (Signoret), Ghana (Marchart 1968)

*Rhynocoris bicolor* (Fabricius), Ghana (Entwistle 1972)

*Rhynocoris carmelita* (Stal), Ghana (Marchart 1968)

*Rhynocoris loratus* Stal, Ghana (Waters 1941)

*Rhynocoris obtusus* (Palisot de Beauvois), Ghana (Marchart 1968)

Rhynocoris tristis Stal, Ghana (Entwistle 1972)  
 Sphodromantis lineola (Burmeister), Ghana (Marchart 1968)  
 Tarachodes gerstaeckeri Werner, Ghana (Marchart 1968)  
 Telamonia sp. , Ghana (Marchart 1968)  
 Tetramorium aculeatum (Mayr), Cameroon (Mpe 2002), Ghana (Marchart 1968)  
 Vestula lineaticeps (Signoret), Ghana (Marchart 1968)  
 Viciria equestris Simon, Ghana (Marchart 1968)  
 Viciria ocellata (Thorell), Ghana (Marchart 1968)  
 Wasmannia auropunctata (Roger), Cameroon (Bruneau De Mire 1969)

### **Helopeltis allaudi Poppius**

**Status:** fruit feeder  
**Distribution:** Zaire (Ghesquiere 1922b)

### **Helopeltis antonii Signoret**

**Status:** fruit feeder, leaf feeder, shoot feeder  
**Distribution:** India (Abraham & Padmanaban 1967), Indonesia Java (Koningsberger 1908), Indonesia Sumatra (Rutgers 1918), Indonesia West Irian (Ruinard 1959), Sri Lanka (Wright 1907)  
**Primary parasites:** Euphorus helopeltidis Ferriere, Indonesia Java (Betrem 1950)  
**Predators:** Dolichoderus thoracicus (F.Smith), Indonesia Java (Paerels 1924)

### **Helopeltis bakeri Poppius**

**Status:** fruit feeder, shoot feeder  
**Distribution:** Philippines (Stonedahl 1991)

### **Helopeltis bergrothi Reuter**

**Status:** fruit feeder  
**Distribution:** Cameroon (Schmitz 1968), Nigeria (Golding 1941a), Tanzania (Harris 1937), Zaire (Mayne & Ghesquiere 1934)  
**Predators:** Leptus sp. , Zaire (Mayne & Ghesquiere 1934)  
 Onocephalus subspinosus Amyot & Serville, Zaire (Mayne & Ghesquiere 1934)  
 Philodicus temerarius (Walker), Zaire (Mayne & Ghesquiere 1934)  
 Polytoxus wahlbergi Stal, Zaire (Mayne & Ghesquiere 1934)  
 Sastrapoda vicina Schouteden, Zaire (Mayne & Ghesquiere 1934)  
 Sphedanolestes picturellus Schouteden, Zaire (Mayne & Ghesquiere 1934)

### **Helopeltis bradyi Waterhouse**

*Synonyms: Helopeltis ceylonensis Silva*  
**Status:** fruit feeder, shoot feeder  
**Distribution:** India (Sundararaju & Babu 1999), Sri Lanka (De Silva 1957)  
**Predators:** Sycanus collaris (Fabricius), Sri Lanka (De Silva 1962)

### **Helopeltis cinchonae Mann**

**Status:** fruit feeder  
**Distribution:** Indonesia Java (Dammerman 1929)

### **Helopeltis clavifer Walker**

**Status:** fruit feeder, shoot feeder  
**Distribution:** Indonesia Java (Graham 1991), Indonesia West Irian (Schreurs & Simon-Thomas 1961), Malaysia Sabah (Conway 1964), Malaysia Sarawak (Ron 1985), Papua New Guinea (Szent-Ivany 1961)  
**Predators:** Amyotea reciproca Walker, Papua New Guinea (Entwistle 1972)  
 Dolichoderus thoracicus (F.Smith), Indonesia (Graham 1991)  
 Euagorus sp. , Papua New Guinea (Entwistle 1972)

### **Helopeltis collaris Stal**

**Status:** fruit feeder, shoot feeder  
**Distribution:** Philippines (Viado et al 1965)

### **Helopeltis corbisieri Schmitz**

**Status:** fruit feeder, shoot feeder  
**Distribution:** Cameroon (Schmitz 1968), Congo (Schmitz 1968)

**Helopeltis fasciaticollis Poppius****Status:** fruit feeder, shoot feeder**Distribution:** China (Li Wang & Waterhouse 1997) Malaysia Sabah (Stonedahl 1991)**Helopeltis gerini Carayon****Status:** fruit feeder, shoot feeder**Distribution:** Cameroon (Schmitz 1968)**Helopeltis lalandei (Carayon)***Synonyms: Helopeltis bergrothi mayumbensis Ghesquiere***Status:** fruit feeder, shoot feeder**Distribution:** Ghana (Leston 1973), Ivory Coast (Schmitz 1968), Nigeria (Schmitz 1968), Zaire (Ghesquiere 1922b)**Primary parasites:** Peristenus anates (Nixon), Ghana (Entwistle 1972)

Telenomus sp. , Ghana (Lodos 1968b)

**Helopeltis lemosi Ghesquiere****Status:** fruit feeder, shoot feeder**Distribution:** Sao Tome & Principe (Navel 1921)**Helopeltis poppiusi Schmitz****Status:** fruit feeder, shoot feeder**Distribution:** Ivory Coast (Schmitz 1968)**Helopeltis schoutedeni Reuter****Status:** fruit feeder, shoot feeder**Distribution:** Ghana (Dudgeon 1910), Zaire (Ghesquiere 1922b)**Helopeltis seredensis Schmitz****Status:** fruit feeder, shoot feeder**Distribution:** Ivory Coast (Carayon & Delattre 1948)**Helopeltis sp.****Status:** fruit feeder**Distribution:** India (Abraham & Padmanaban 1967), Indonesia Sulawesi (Kalshoven 1950-51), Malaysia W. Malaysia (Entwistle 1972)**Helopeltis sulawesi Stonedahl****Status:** fruit feeder, shoot feeder**Distribution:** Indonesia Sulawesi (Stonedahl 1991)**Helopeltis sumatranus Roepke****Status:** fruit feeder, shoot feeder**Distribution:** Indonesia Sumatra (Stonedahl 1991)**Helopeltis theivora theobromae Miller***Synonyms: Helopeltis theobromae Miller***Status:** fruit feeder, shoot feeder**Distribution:** Indonesia (Graham 1991), Malaysia W. Malaysia (Miller 1939)**Primary parasites:** Erythmelus helopeltidis Gahan, Malaysia (Ibrahim 1989)

Telenomus sp. , Malaysia (Ibrahim 1989)

**Predators:** Dolichoderus thoracicus (F.Smith), Indonesia (Graham 1991), Malaysia W. Malaysia (Way & Khoo 1991)

Oecophylla smaragdina (Fabricius), Malaysia W. Malaysia (Way &amp; Khoo 1991)

**Helopeltis theivora Waterhouse****Status:** fruit feeder, leaf feeder, shoot feeder**Distribution:** Bangladesh (Mir 1990), India (Sundararaju & Babu 1999), Indonesia Java (Koningsberger 1908), Indonesia Sumatra (Dammerman 1929), Malaysia W. Malaysia (Entwistle 1972)**Primary parasites:** Euphorus helopeltidis Ferriere, Indonesia Java (Betrem 1950)**Predators:** Dolichoderus thoracicus (F.Smith), Indonesia Java (Paereels 1924)

**Helopeltis westwoodi (White)****Status:** fruit feeder, shoot feeder**Distribution:** Nigeria (Golding 1941a)**Horcias punctatus Carvalho****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Monalonion annulipes Signoret***Synonyms: Monalonion braconoides Atkinson, Monalonion illustris Distant***Status:** fruit feeder, shoot feeder**Distribution:** Brazil (Bicelli et al 1987), Colombia (Distant 1917), Costa Rica (Morales & Matarita 1961)**Monalonion atratum Distant****Status:** fruit feeder, shoot feeder**Distribution:** Colombia (Distant 1917), Ecuador (Plank 1921)**Monalonion bahiense Costa Lima****Status:** fruit feeder, shoot feeder**Distribution:** Brazil (Silva 1944a)**Monalonion bondari Costa Lima****Status:** fruit feeder, shoot feeder**Distribution:** Brazil (Silva 1944a)**Monalonion dissimulatum Distant***Synonyms: Monalonion collaris Distant, Monalonion megiston Kirkaldi***Status:** fruit feeder, shoot feeder**Distribution:** Brazil (De Abreu & Silva 1972), Colombia (Distant 1917), Ecuador (Campos 1933b), Peru (Wille 1952), Venezuela (Hernandez Palma & Pedrique 1958)**Monalonion schaefferi Stal***Synonyms: Monalonion flavisignatum Knight, Monalonion xanthophilum Walker, Mosquilla vastatrix Zehntener***Status:** fruit feeder**Distribution:** Brazil (Bondar 1939b)**Monalonion versicolor Distant****Status:** fruit feeder**Distribution:** Costa Rica (Morales & Vargas 1961)**Odoniella reuteri Haglund****Status:** stem/trunk feeder**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Odoniella rubra Reuter****Status:** fruit feeder**Distribution:** Ivory Coast (Lavabre Decelle & Debord 1963)**Platygomiriodes apiformis Ghauri****Status:** fruit feeder, shoot feeder**Distribution:** Malaysia Sabah (Conway 1964)**Proboscidoris fuliginosus Reuter****Status:** no record**Distribution:** Ghana (Majer 1975)**Proboscidoris sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Prodromus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)

**Pseudodoniella duni (China & Carvalho)***Synonyms: Parabryocoropsis duni China & Carvalho***Status:** no record**Distribution:** Papua New Guinea (China & Carvalho 1951)**Pseudodoniella laensis Miller***Synonyms: Pseudodoniella szentivanyi Miller***Status:** fruit feeder**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961), Papua New Guinea (Miller 1957)**Predators:** Amyotea reciproca Walker, Papua New Guinea (Entwistle 1972)

Euagorus sp. , Papua New Guinea (Entwistle 1972)

**Pseudodoniella pacifica China & Carvalho***Synonyms: Pseudodoniella cheesmanae China & Carvalho***Status:** no record**Distribution:** Papua New Guinea (China & Carvalho 1951)**Pseudodoniella typica (China & Carvalho)***Synonyms: Parabryocoropsis typicus China & Carvalho***Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961), Papua New Guinea (China & Carvalho 1951), Philippines (Entwistle & Youdeowei 1964)**Predators:** Aulacagonia cheesmanae Miller, Papua New Guinea (Entwistle 1972)

Oecophylla smaragdina (Fabricius), Papua New Guinea (Dun 1954a)

Pristhesancus sp. , Papua New Guinea (Dun 1954a)

**Pycnoderes incurvus (Distant)****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Sahlbergella singularis Haglund****Status:** fruit feeder, shoot feeder**Distribution:** Cameroon (Warburg 1902), Central African Republic (Boulard 1967), Dahomey (Box 1944), Equatorial Guinea Bioko (Cotterell 1930a), Ghana (Patterson 1914), Ivory Coast (Fourneau 1928), Nigeria (Lamborn 1914), Sierra Leone (Gerard 1964a), Togo (Alibert 1951), Zaire (Bredo 1931)**Primary parasites:** Encyrtus cotterelli Waterston, Zaire (Alibert 1951)

Peristenus sahlbergellae (Wilkinson), Cameroon (Box 1944), Equatorial Guinea Bioko (Squire 1947), Ghana (Wilkinson 1927), Ivory Coast (Squire 1947), Nigeria (Box 1944), Zaire (Squire 1947)

Telenomus sp. , Ghana (Lodos 1968b)

**Hyperparasites:** Mesochorus melanothorax Wilkinson, Cameroon (Box 1944), Ghana (Wilkinson 1927), Nigeria (Box 1944)**Predators:** Carcinomma astrologus Bergroth, Ghana (Entwistle 1972), Zaire (Ghesquiere 1922a)

Cataspilota misana (Giglio-Tos), Ghana (Collingwood 1971)

Homoeogryllus tessellatus Serville, Zaire (Alibert 1951)

Oecophylla longinoda (Latreille), Cameroon (Mpe 2002), Ghana (Cotterell 1943), Ivory Coast (Alibert 1951), Togo (Alibert 1951)

Onocephalus subspinosus Amyot &amp; Serville, Zaire (Entwistle 1972)

Panurgica compressicollis (Saussure), Ghana (Collingwood 1971)

Phonoctonus sp. , Ghana (Entwistle 1972)

Polytoxus wahlbergi Stal, Zaire (Entwistle 1972)

Prohierodula ornatipennis (Bolivar), Ghana (Collingwood 1971)

Rhynocoris bicolor (Fabricius), Ghana (Entwistle 1972)

Rhynocoris loratus Stal, Ghana (Waters 1941)

Rhynocoris obtusus (Palisot de Beauvois), Ghana (Entwistle 1972)

Rhynocoris sp. , Ghana (Collingwood 1971)

Rhynocoris tristis Stal, Ghana (Entwistle 1972)

Sastrapoda vicina Schouteden, Zaire (Entwistle 1972)

Sphedanolestes picturellus Schouteden, Zaire (Entwistle 1972)

Sphodromantis bioculata (Linnaeus), Zaire (Entwistle 1972)

Sphodromantis lineola (Burmeister), Ghana (Collingwood 1971)

Tetramorium aculeatum (Mayr), Cameroon (Mpe 2002)

*Vestula lineaticeps* (Signoret), Ghana (Collingwood 1971)  
*Wasmannia auropunctata* (Roger), Cameroon (Bruneau De Mire 1969)

### **Taedia sp.**

**Status:** no record  
**Distribution:** Brazil (Bicelli et al 1987)

### **Termatophylidea maculata Usinger**

**Status:** predator  
**Distribution:** Trinidad & Tobago (Callan 1943)  
**Predator of:** *Selenothrips rubrocinctus* (Giard), Trinidad & Tobago (Callan 1943)

### **Termatophylidea opaca Carvalho**

**Status:** predator  
**Distribution:** Surinam (Van Doesburg 1964)  
**Predator of:** *Selenothrips rubrocinctus* (Giard), Surinam (Van Doesburg 1964)

### **Termatophylidea pilosa Reuter & Poppius**

**Status:** predator  
**Distribution:** Jamaica (Myers 1935)  
**Predator of:** *Selenothrips rubrocinctus* (Giard), Jamaica (Myers 1935)

### **Tinginotum sp.**

**Status:** no record  
**Distribution:** Ghana (Majer 1975)

### **Tinginotum villatum Odhiambo**

**Status:** no record  
**Distribution:** Ghana (Majer 1975)

### **Xenetomorpha carpenteri Poppius**

**Status:** no record  
**Distribution:** Ghana (Majer 1975)

## **HETEROPTERA NABIDAE**

### **Arbela telomi Distant**

*Synonyms:* *Reduviolus telomi Distant*  
**Status:** no record  
**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

## **HETEROPTERA PENTATOMIDAE**

### **Acrosternum impicticornis Stal**

**Status:** fruit feeder, shoot feeder  
**Distribution:** Brazil (Grazia 1979)

### **Acrosternum punctatorugosa Stal**

**Status:** fruit feeder  
**Distribution:** Ivory Coast (Alibert 1951)

### **Aethemenes chloris (Dallas)**

*Synonyms:* *Acrosternum chloris Dallas*  
**Status:** fruit feeder  
**Distribution:** Zaire (Mayne & Ghesquiere 1934)

### **Agonoscelis versicolor (Fabricius)**

*Synonyms:* *Agonoscelis pubescens (Thunberg)*  
**Status:** branch feeder, fruit feeder, stem/trunk feeder  
**Distribution:** Equatorial Guinea Bioko (Mayne & Ghesquiere 1934), Sao Tome & Principe (Mayne & Ghesquiere 1934), Zaire (Mayne & Ghesquiere 1934)

**Amyotea reciproca Walker****Status:** predator**Distribution:** Papua New Guinea (Entwistle 1972)**Predator of:** *Helopeltis clavifer* Walker, Papua New Guinea (Entwistle 1972)*Pseudodoniella laensis* Miller, Papua New Guinea (Entwistle 1972)**Antiteuchus ?pallescens (Stal)***Synonyms: Mecistorhinus ?pallescens (Stal)***Status:** fruit feeder**Distribution:** Colombia (De Franco 1958)**Antiteuchus amplus (Walker)***Synonyms: Mecistorhinus amplus (Walker)***Status:** fruit feeder**Distribution:** Brazil (Bondar 1924d)**Antiteuchus marmoratus (Erichson)****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Antiteuchus melanoleucus (Westwood)****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Antiteuchus mimeticus Ruckes****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Antiteuchus mixtus (Fabricius)***Synonyms: Antiteuchus variolosus Dallas***Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Antiteuchus piceus (Palisot de Beauvais)***Synonyms: Mecistorhinus piceus (Palisot de Beauvais)***Status:** fruit feeder**Distribution:** Colombia (De Franco 1958), Trinidad & Tobago (Callan 1944)**Primary parasites:** *Phanuropsis semiflaviventris* Girault, Trinidad & Tobago (Callan 1944)**Antiteuchus punctissimus Ruckes****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Antiteuchus sepularis (Fabricius)****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Antiteuchus sp.****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Antiteuchus tripterus (Fabricius)***Synonyms: Mecistorhinus tripterus (Fabricius)***Status:** fruit feeder, no record, shoot feeder**Distribution:** Brazil (Bicelli Silveira & De Barros-Mendes 1989), Colombia (De Franco 1958), Costa Rica (Entwistle 1972), Trinidad & Tobago (Callan 1944), Venezuela (Salas 1984)**Primary parasites:** *Phanuropsis semiflaviventris* Girault, Colombia (Eberhard 1974), Trinidad & Tobago (Callan 1944), Venezuela (Salas 1984)*Trissolcus bodkini* (Crawford), Colombia (Eberhard 1974)**Predators:** *Bicyrtes variegata* (Olivier), Colombia (Eberhard 1974)*Podisus* sp. , Colombia (Eberhard 1974)



**Antiteuchus tripterus limbiventris Ruckes****Status:** no record**Distribution:** Colombia (Eberhard 1975)**Primary parasites:** Phanuropsis semiflaviventris Girault, Colombia (Eberhard 1975)  
Trissolcus bodkini (Crawford), Colombia (Eberhard 1975)**Apateticus sp.****Status:** no record**Distribution:** Central African Republic (Boulard 1967), Peru (Anon 1941)**Aspavia hastator (Fabricius)****Status:** no record**Distribution:** Ghana (Majer 1975)**Aspongopus dubitalis Fairmaire***Synonyms:* *Coridius dubitabilis* (Fairmaire)**Status:** no record**Distribution:** Central African Republic (Boulard 1967), Zaire (Mayne & Ghesquiere 1934)**Atelocera armata Laporte****Status:** fruit feeder, shoot feeder**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951)**Atelocera attenuata Distant****Status:** fruit feeder, shoot feeder**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Atelocera natalensis Stal****Status:** fruit feeder, shoot feeder**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Atelocera raptorica Germar****Status:** fruit feeder, shoot feeder**Distribution:** Nigeria (Golding 1935)**Atelocera serrata (Fabricius)****Status:** fruit feeder, shoot feeder**Distribution:** Cameroon (Lavabre 1957), Central African Republic (Boulard 1967), Ghana (Majer 1975), Ivory Coast (Alibert 1951), Zaire (Mayne 1917)**Atelocera sp.****Status:** fruit feeder, shoot feeder**Distribution:** Ivory Coast (Lavabre Decelle & Debord 1963), Zaire (Mayne 1917)**Atelocera spinulosa (Palisot de Beauvais)****Status:** fruit feeder, shoot feeder**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Atelocera stictica (Westwood)****Status:** fruit feeder, shoot feeder**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Austromalaya sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Bathycoelia ovalis Stal****Status:** fruit feeder**Distribution:** Central African Republic (Boulard 1967), Ivory Coast (Alibert 1951), Nigeria (Gerard 1964b)

**Bathycœlia thalassina (Herrich-Schaffer)****Status:** fruit feeder**Distribution:** Cameroon (Aulmann & La Baume 1912), Ghana (Gerard 1965), Ivory Coast (Alibert 1951), Nigeria (Entwistle 1972), Zaire (Mayne 1917)**Primary parasites:** *Acroclisoides africanus* Ferriere, Ghana (Lodos 1968b)*Anastatus* sp. , Ghana (Lodos 1968b)*Cylindromyia eronis* Curran, Ghana (Gerard 1966b), Nigeria (Eguagie 1975a)*Ooencyrtus* sp. , Ghana (Lodos 1968b)*Telenomus* sp. , Ghana (Lodos 1968b)*Telenomus* sp. near *seychellensis* (Kieffer), Ghana (Lodos 1968b)*Trissolcus* sp. , Ghana (Owusu-Manu 1975)**Hyperparasites:** *Acroclisoides africanus* Ferriere, Ghana (Lodos 1968c)*Pediobius* sp. , Ghana (Lodos 1968c)**Predators:** *Acanthaspis bilineolata* (Palisot de Beauvois), Nigeria (Eguagie 1975a)*Cenaeus* sp. , Ghana (Lodos 1968b)*Crematogaster clariventris* (Mayr), Ghana (Firempong 1976)*Crematogaster depressa* (Latreille), Ghana (Lodos 1968b)*Miomantis paykullii* Stal, Nigeria (Eguagie 1975a)*Odontogonus dimenis* Schouteden, Ghana (Owusu-Manu 1975)*Odontomachus haematodus* (Linnaeus), Nigeria (Eguagie 1975a)*Oecophylla longinoda* (Latreille), Ghana (Owusu-Manu 1975), Nigeria (Eguagie 1975a)*Pachycondyla tarsata* (Fabricius), Nigeria (Eguagie 1975a)*Pheidole megacephala* (Fabricius), Ghana (Lodos 1968b)*Polyspilota aeruginosa* (Goeze), Nigeria (Eguagie 1975a)*Sphesianolestes* sp. , Nigeria (Eguagie 1975a)*Sphodromantis lineola* (Burmeister), Nigeria (Eguagie 1975a)*Tetraponera* sp. , Ghana (Lodos 1968b)*Theopompella westwoodi* (Kirby), Ghana (Lodos 1968b)**Bathycœlia variolaria Distant****Status:** fruit feeder**Distribution:** Ghana (Lodos 1967b)**Beroaldus sp.****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Carbula sp.****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Cardiophthalmus sexspinosus Assmann****Status:** fruit feeder**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Caura bipartita (Signoret)****Status:** no record**Distribution:** Central African Republic (Boulard 1967)**Chiastosternum olivaceus (Distant)****Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Chiastosternum unicolor Dallas****Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Chinaria punctato-rugosa (Stal)****Status:** no record**Distribution:** Ivory Coast (Alibert 1951)

**Coenomorpha schioedtei Bergroth**

**Status:** no record

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

**Coenomorpha schioedtei interuptevenosa Schouteden**

**Status:** no record

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

**Cryptacrus novemmaculatus (Signoret)**

**Status:** no record

**Distribution:** Central African Republic (Boulard 1967)

**Cyclopelta siccifolia (Westwood)**

**Status:** no record

**Distribution:** Sri Lanka (Rutherford 1914a)

**Dalpada oculata Fabricius**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Dinocoris corrosus (Herrich-Schaffer)**

**Status:** no record

**Distribution:** Peru (Wille 1952)

**Dinocoris sp.**

**Status:** no record

**Distribution:** Peru (Wille 1952)

**Edessa cornuta Burmeister**

**Status:** no record

**Distribution:** Surinam (Van Dinther 1960)

**Edessa meditabunda (Fabricius)**

**Status:** no record

**Distribution:** Surinam (Van Dinther 1960)

**Edessa sp.**

**Status:** no record

**Distribution:** Brazil (Bicelli et al 1987)

**Farnya versicolor Distant**

**Status:** no record

**Distribution:** Ghana (Majer 1975), Zaire (Mayne & Ghesquiere 1934)

**Gellia rugulosa Distant**

**Status:** no record, shoot feeder

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

**Halyomorpha annulicornis (Signoret)**

**Status:** fruit feeder

**Distribution:** Ghana (Lodos 1968a), Zaire (Mayne 1917)

**Halyomorpha reflexa (Signoret)**

**Status:** shoot feeder

**Distribution:** Ghana (Lodos 1968a), Nigeria (Golding 1941a)

**Halyomorpha rugosa Schouteden**

**Status:** no record

**Distribution:** Ghana (Anon 1967)

**Halyomorpha viridiscens (Walker)**

**Status:** branch feeder, stem/trunk feeder

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

**Macropygium reticulare (Fabricius)****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Menida sp.****Status:** no record**Distribution:** Malaysia Sabah (Conway 1971)**Mormidea ypsilon (Linnaeus)****Status:** no record**Distribution:** Costa Rica (Entwistle 1972)**Neodine macraspis (Perty)***Synonyms:* *Antiteuchus macraspis* (Perty), *Mecistorhinus macraspis* (Perty)**Status:** fruit feeder**Distribution:** Brazil (Bondar 1924d)**Neotibilis laeiventris (Bergroth)***Synonyms:* *Tibilis laeiventris Bergroth***Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Nezara viridula (Linnaeus)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Piezosternum calidum (Fabricius)****Status:** fruit feeder**Distribution:** Zaire (Mayne 1917)**Piezosternum fallax Breddin****Status:** fruit feeder**Distribution:** Nigeria (Golding 1941a), Zaire (Mayne 1917)**Platycarenum humilis (Herrich-Schaffer)****Status:** no record**Distribution:** Costa Rica (Entwistle 1972)**Platycarenum marginellus Stal****Status:** no record**Distribution:** Colombia (Moncayo 1958)**Platycarenum umbraculatus (Fabricius)****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Platynopus melacanthus (Boisduval)****Status:** predator**Distribution:** Papua New Guinea (Entwistle 1972)**Predator of:** *Mambara inconspicua* Bethune-Baker, Papua New Guinea (Entwistle 1972)*Tiracola plagiata* (Walker), Papua New Guinea (Entwistle 1972)**Podisus sp.****Status:** predator**Distribution:** Colombia (Eberhard 1974)**Predator of:** *Antiteuchus tripterus* (Fabricius), Colombia (Eberhard 1974)**Porphyroptera guineensis (Fabricius)****Status:** no record**Distribution:** Ghana (Lodos 1968a)**Pygoplatys sp.****Status:** no record**Distribution:** Malaysia Sabah (Conway 1971)

**Scotinophara fibulata (Germar)****Status:** no record**Distribution:** Ghana (Majer 1975)**Solenostethium liligerum (Thunberg)****Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Tantia vicina (Signoret)****Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Tectocoris diophthalmus (Thunberg)****Status:** no record**Distribution:** Malaysia W. Malaysia (Dammerman 1929)**Tessaratoma aethiops Distant****Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Tessaratoma indicta Distant****Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Tynacantha sp.****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**HETEROPTERA PLATASPIDAE****Brachyplatys translineatus (Walker)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Brachyplatys vahlii (Fabricius)****Status:** no record**Distribution:** Malaysia (Azhar et al 1984)**Primary parasites:** Telenomus sp. , Malaysia (Azhar et al 1984)**Coptosoma coccinnula Walker****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Coptosoma nigriceps Signoret****Status:** no record**Distribution:** Ghana (Majer 1975)**Coptosoma puncticeps Mountford****Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Libyaspis flavosparsa (Montandon)****Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Libyaspis vermicellaris Stal***Synonyms: Plataspis vermicellaris Stal***Status:** no record**Distribution:** Uganda (Gowdey 1917)

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## HETEROPTERA PYRRHOCORIDAE

### **Antilochus boerhaviae (Fabricius)**

**Status:** predator

**Distribution:** Ivory Coast (Alibert 1951)

**Predator of:** Not recorded -, Ivory Coast (Alibert 1951)

### **Callibaphus longirostris (Drury)**

**Status:** fruit feeder

**Distribution:** Ghana (Lodos 1968a), Ivory Coast (Alibert 1951), Nigeria (Booker 1968)

### **Cenaeus sp.**

**Status:** predator

**Distribution:** Ghana (Lodos 1968b)

**Predator of:** Bathycoelia thalassina (Herrich-Schaffer), Ghana (Lodos 1968b)

### **Dindymus pyrochrous (Boisduval)**

**Status:** predator

**Distribution:** Papua New Guinea (Entwistle 1972)

**Predator of:** Mambara inconspicua Bethune-Baker, Papua New Guinea (Entwistle 1972)

### **Dysdercus andreae (Linnaeus)**

**Status:** no record

**Distribution:** Dominican Republic (Anon 1933)

### **Dysdercus cingulatus (Fabricius)**

**Status:** no record

**Distribution:** Malaysia Sabah (Conway 1971)

### **Dysdercus longirostris Stal**

**Status:** fruit feeder, shoot feeder

**Distribution:** Brazil (De Abreu & Silva 1972)

### **Dysdercus supersticiosus (Fabricius)**

**Status:** no record

**Distribution:** Sao Tome & Principe (De Seabra 1919c), Zaire (Mayne & Ghesquiere 1934)

### **Parectatops costalis (Walker)**

*Synonyms:* *Ectatops costalis* Walker

**Status:** no record

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

### **Physopelta gutta (Burmeister)**

**Status:** no record

**Distribution:** Malaysia Sabah (Conway 1971)

### **Sericocoris acromelanthes Karsch**

*Synonyms:* *Sericocoris cosmohyme* Strand

**Status:** no record

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

### **Sericocoris apicornis (Fairmaire)**

*Synonyms:* *Cenaeus apicornis* Fairmaire

**Status:** no record

**Distribution:** Ghana (Majer 1975)

### **Sericocoris luridus (Reuter)**

*Synonyms:* *Cenaeus luridus* Reuter

**Status:** no record

**Distribution:** Ghana (Majer 1975)

**Syncrotus similis Ghauri****Status:** no record**Distribution:** Papua New Guinea (Ghauri 1972)**HETEROPTERA REDUVIIDAE****Acanthaspis bilineolata (Palisot de Beauvois)****Status:** predator**Distribution:** Nigeria (Eguagie 1975a)**Predator of:** Bathycoelia thalassina (Herrich-Schaffer), Nigeria (Eguagie 1975a)**Aulacagonia cheesmanae Miller****Status:** predator**Distribution:** Papua New Guinea (Entwistle 1972)**Predator of:** Pseudodoniella typica (China & Carvalho), Papua New Guinea (Entwistle 1972)**Authenta fulvipennis Horvath****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Carcinomma astrologus Bergroth****Status:** predator**Distribution:** Ghana (Ghesquiere 1922a), Zaire (Entwistle 1972)**Predator of:** Distantiella theobroma (Distant), Ghana (Entwistle 1972), Zaire (Entwistle 1972)  
Sahlbergella singularis Haglund, Ghana (Entwistle 1972), Zaire (Ghesquiere 1922a)**Cosmolestes picticeps Stal****Status:** predator**Distribution:** Malaysia W. Malaysia (Miller 1941)**Predator of:** Metacanthus pulchellus Dallas, Malaysia (Miller 1941)**Ectrichodia sp.****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Endochus africanus Bergroth****Status:** predator**Distribution:** Ghana (Marchart 1968)**Predator of:** Distantiella theobroma (Distant), Ghana (Marchart 1968)**Euagorus sp.****Status:** predator**Distribution:** Papua New Guinea (Entwistle 1972)**Predator of:** Helopeltis clavifer Walker, Papua New Guinea (Entwistle 1972)  
Pseudodoniella laensis Miller, Papua New Guinea (Entwistle 1972)**Helonotus exsugiens Stal****Status:** predator**Distribution:** Papua New Guinea (Entwistle 1972)**Predator of:** Tiracola plagiata (Walker), Papua New Guinea (Entwistle 1972)**Margasus afzelii (Stal)****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Nagusta punctaticollis Stal****Status:** predator**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

### **Neoarcesius sp.**

**Status:** predator

**Distribution:** Papua New Guinea (Entwistle 1972)

**Predator of:** Pantorhytes szentivanyi Marshall, Papua New Guinea (Entwistle 1972)

### **Odontogonus dimenis Schouteden**

**Status:** predator

**Distribution:** Ghana (Owusu-Manu 1975)

**Predator of:** Bathycoelia thalassina (Herrich-Schaffer), Ghana (Owusu-Manu 1975)

### **Onocephalus subspinosus Amyot & Serville**

**Status:** predator

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

**Predator of:** Helopeltis bergrothi Reuter, Zaire (Mayne & Ghesquiere 1934)  
Sahlbergella singularis Haglund, Zaire (Entwistle 1972)

### **Phonoctonus sp.**

**Status:** predator

**Distribution:** Ghana (Entwistle 1972)

**Predator of:** Distantiella theobroma (Distant), Ghana (Entwistle 1972)  
Sahlbergella singularis Haglund, Ghana (Entwistle 1972)

### **Physoderes sp.**

**Status:** no record

**Distribution:** Papua New Guinea (Bourke et al 1971)

### **Polytoxus wahlbergi Stal**

**Status:** predator

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

**Predator of:** Helopeltis bergrothi Reuter, Zaire (Mayne & Ghesquiere 1934)  
Sahlbergella singularis Haglund, Zaire (Entwistle 1972)

### **Pristhesancus femoralis Horvath**

**Status:** predator

**Distribution:** Papua New Guinea (Entwistle 1972)

**Predator of:** Tiracola plagiata (Walker), Papua New Guinea (Entwistle 1972)

### **Pristhesancus sp.**

**Status:** predator

**Distribution:** Papua New Guinea (Dun 1954a)

**Predator of:** Pseudodoniella typica (China & Carvalho), Papua New Guinea (Dun 1954a)

### **Pristicoris sp.**

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

### **Ptilocerus venosus Walker**

*Synonyms:* *Ptilocerus ochraceus Montandon*

**Status:** predator

**Distribution:** Indonesia Java (Van der Goot 1917b)

**Predator of:** Dolichoderus thoracicus (F.Smith), Indonesia Java (Van der Goot 1917b)

### **Rhynocoris albopilosus (Signoret)**

**Status:** predator

**Distribution:** Ghana (Marchart 1968)

**Predator of:** Distantiella theobroma (Distant), Ghana (Marchart 1968)

### **Rhynocoris bicolor (Fabricius)**

**Status:** predator

**Distribution:** Ghana (Entwistle 1972)

**Predator of:** Distantiella theobroma (Distant), Ghana (Entwistle 1972)



Sahlbergella singularis Haglund, Ghana (Entwistle 1972)

**Rhynocoris carmelita (Stal)**

**Status:** predator

**Distribution:** Ghana (Marchart 1968)

**Predator of:** Distantiella theobroma (Distant), Ghana (Marchart 1968)

**Rhynocoris carmelita (Stal)**

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

**Rhynocoris loratus Stal**

**Status:** predator

**Distribution:** Ghana (Waters 1941)

**Predator of:** Bryocoropsis laticollis Schumacher, Ghana (Waters 1941)

Distantiella theobroma (Distant), Ghana (Waters 1941)

Sahlbergella singularis Haglund, Ghana (Waters 1941)

**Rhynocoris obtusus (Palisot de Beauvois)**

**Status:** predator

**Distribution:** Ghana (Marchart 1968)

**Predator of:** Distantiella theobroma (Distant), Ghana (Marchart 1968)

Sahlbergella singularis Haglund, Ghana (Entwistle 1972)

**Rhynocoris sp.**

**Status:** predator

**Distribution:** Ghana (Collingwood 1971)

**Predator of:** Sahlbergella singularis Haglund, Ghana (Collingwood 1971)

**Rhynocoris tristis Stal**

**Status:** predator

**Distribution:** Ghana (Entwistle 1972)

**Predator of:** Distantiella theobroma (Distant), Ghana (Entwistle 1972)

Sahlbergella singularis Haglund, Ghana (Entwistle 1972)

**Santosia erythrocephala (Wolff)**

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

**Sastrapoda vicina Schouteden**

**Status:** predator

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

**Predator of:** Helopeltis bergrothi Reuter, Zaire (Mayne & Ghesquiere 1934)

Sahlbergella singularis Haglund, Zaire (Entwistle 1972)

**Sphedanolestes picturellus Schouteden**

**Status:** predator

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

**Predator of:** Helopeltis bergrothi Reuter, Zaire (Mayne & Ghesquiere 1934)

Sahlbergella singularis Haglund, Zaire (Entwistle 1972)

**Sphedanovarus camerunensis (Breddin)**

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

**Sphendalolestes karschi Schouteden**

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

**Sphesianolestes sp.****Status:** predator**Distribution:** Nigeria (Eguagie 1975a)**Predator of:** *Bathycyba thalassina* (Herrich-Schäffer), Nigeria (Eguagie 1975a)**Sycanus collaris (Fabricius)****Status:** predator**Distribution:** Sri Lanka (De Silva 1962)**Predator of:** *Helopeltis bradyi* Waterhouse, Sri Lanka (De Silva 1962)**Thysanopus fuscovenosus (Montadon)***Synonyms:* *Ptilocerus fuscovenosus* Montadon**Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Thysanopus lynx (Bergroth)***Synonyms:* *Ptilocerus lynx* Bergroth**Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Majer 1975)**Vestula lineaticeps (Signoret)****Status:** predator**Distribution:** Ghana (Marchart 1968)**Predator of:** *Distantiella theobroma* (Distant), Ghana (Marchart 1968)*Earias biplaga* Walker, Ghana (Smith 1965)*Sahlbergella singularis* Haglund, Ghana (Collingwood 1971)**HETEROPTERA TESSAROTOMIDAE****Agapophyta sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivány & Dun 1964)**HETEROPTERA TINGIDAE****Ammianus alberti (Schouteden)***Synonyms:* *Phyllontocheila alberti* Schouteden**Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Eocader vegrandis Drake & Hambleton****Status:** fruit feeder, shoot feeder**Distribution:** Brazil (De Abreu & Silva 1972)**Habrochila placida Horvath****Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Phatnoma sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Stephanitis typica (Distant)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivány & Dun 1964)

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**Tigava convexicollis Champion**

**Status:** no record

**Distribution:** Peru (Wille 1952)

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## HOMOPTERA ACANALONIIDAE

### *Acanalonia affinis* Fowler

**Status:** no record

**Distribution:** Costa Rica (Weber 1957)

### *Parathisca* sp.

**Status:** no record

**Distribution:** Ghana (Majer 1975)

## HOMOPTERA ACHILIDAE

### *Paraclusivius tristis* Fenn.

**Status:** no record

**Distribution:** Ghana (Majer 1975)

## HOMOPTERA AETALIONIDAE

### *Aetalion reticulatum* (Linnaeus)

**Status:** branch feeder, no record

**Distribution:** Brazil (Bondar 1939a), Peru (Escalante 1974)

## HOMOPTERA ALEYRODIDAE

### *Aleurodicus cocois* (Curtis)

**Status:** no record

**Distribution:** Brazil (Bondar 1939a)

### *Aleurodicus fucatus* Bondar

**Status:** leaf feeder

**Distribution:** Brazil (Bondar 1939a)

### *Aleurodicus neglectus* (Quaintance & Baker)

**Status:** leaf feeder

**Distribution:** Brazil (Bondar 1939a)

### *Aleurodicus pulvinatus* (Maskell)

**Status:** no record

**Distribution:** Brazil (Bondar 1939a)

### *Aleurothrixus floccosus* (Maskell)

**Status:** no record

**Distribution:** Colombia (Moncayo 1958), Surinam (Van Dinther 1960)

### *Aleurotrachelus granosus* Bondar

**Status:** leaf feeder

**Distribution:** Brazil (Bondar 1939a)

### *Aleurotrachelus* sp. near *mesuae* Corbett

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

### *Aleurotrachelus theobromae* Bondar

**Status:** leaf feeder

**Distribution:** Brazil (Bondar 1939a)

**Aleurotrachelus trachoides (Back)****Status:** leaf feeder**Distribution:** Cuba (Vazquez 1999)**Bemisia tabaci Gennadius***Synonyms: Bemisia gossypiperda mosaicivectura Ghesquiere***Status:** leaf feeder**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Dialeuropora papillata Cohic****Status:** leaf feeder**Distribution:** No locality (Mound & Halsey 1978)**Lecanoideus floccissimus Martin et al****Status:** leaf feeder**Distribution:** Mexico (Cortéz-Madrigal et al 2008)**Predators:** *Ceraeochrysa* sp., Mexico (Cortéz-Madrigal et al 2008)**Paraleyrodes crateraformans Bondar****Status:** no record**Distribution:** Brazil (Bondar 1939a)**Tetraleurodes cacaorum (Bondar)***Synonyms: Aleurotrachelus cacaorum Bondar***Status:** leaf feeder**Distribution:** Brazil (Bondar 1939a)**HOMOPTERA APHIDIDAE****Aphis craccivora Koch****Status:** no record**Distribution:** Mexico (Sanchez-Soto & Cortez-Madrigal 1998), Trinidad & Tobago (Kirkpatrick 1955)**Aphis gossypii Glover****Status:** flower feeder, shoot feeder**Distribution:** China (Li Wang & Waterhouse 1997) Costa Rica (Shenefelt Stelzer & Lara 1960), India (Abraham & Padmanaban 1967), Indonesia Java (Van der Goot 1917a), Jamaica (Entwistle 1972), Nigeria (Entwistle 1972), Papua New Guinea (Szent-Ivany & Dun 1964), Sudan (Schmutterer 1969) Taiwan (Li Wang & Waterhouse 1997)**Tended by:** *Crematogaster limata* F.Smith, Costa Rica (Lara & Shenefelt 1961)*Ectatomma tuberculatum punctigerum* Weber, Costa Rica (Lara & Shenefelt 1961)**Aphis spiraeicola Patch***Synonyms: Aphis citricola Van der Goot***Status:** no record**Distribution:** Cameroon (Dejean et al 1991)**Tended by:** *Crematogaster depressa* (Latreille), Cameroon (Dejean et al 1991)**Asteropteryx rappardi (Hille Ris Lambers)***Synonyms: Cervaphis rappardi (Hille Ris Lambers)***Status:** flower feeder**Distribution:** Indonesia Java (Lambers 1956), Papua New Guinea (Szent-Ivany & Dun 1964)**Aulacorthum circumflexum (Buckton)***Synonyms: Neomyzus circumflexus (Buckton)***Status:** leaf feeder**Distribution:** Costa Rica (Salas & Hansen 1962)**Cerataphis variabilis Hille Ris Lambers****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

### **Cervaphis schouteniae Van der Goot**

**Status:** flower feeder

**Distribution:** Indonesia Java (Van der Goot 1917a), Malaysia W. Malaysia (Yunus & Ho 1980)

### **Myzus persicae (Sulzer)**

**Status:** leaf feeder

**Distribution:** Dominican Republic (Schmutterer 1990)

### **Sitobion martorelli (Smith)**

*Synonyms: Macrosiphum martorelli Smith*

**Status:** flower feeder, fruit feeder, leaf feeder

**Distribution:** Dominican Republic (Smith 1960)

**Tended by:** *Solenopsis geminata* (Fabricius), Dominican Republic (Smith 1960)

### **Toxoptera aurantii (Boyer de Fonscolombe)**

**Status:** flower feeder, fruit feeder, leaf feeder, shoot feeder

**Distribution:** Brazil (Bondar 1922), Cameroon (Schouteden 1906), Central African Republic (Boulard 1967), China (Li Wang & Waterhouse 1997), Colombia (Moncayo 1958), Costa Rica (Lara & Shenefelt 1961), Dominican Republic (Wolcott 1922), Fiji (Lever 1946), Ghana (Cotterell 1927c), Haiti (Wolcott 1933), Indonesia West Irian (Schreurs & Simon-Thomas 1961), Ivory Coast (Alibert 1951), Malaysia W. Malaysia (Dammerman 1929), Mexico (Sanchez-Soto & Lagunas 1995), Montserrat (Theobald 1917), Nigeria (Theobald 1917), Papua New Guinea (Anon 1969), Peru (Wille 1944), Puerto Rico (Wolcott 1924), Sao Tome & Principe (De Seabra 1919c), Solomon Is (Lever 1968), Sri Lanka (Theobald 1917), Sudan (Schmutterer 1969), Surinam (Van Dinther 1960), Taiwan (Li Wang & Waterhouse 1997), Togo (Dufour 1991), Trinidad & Tobago (Kirkpatrick 1955), Uganda (Gowdey 1913), Vanuatu (Risbec 1937), Western Samoa (Hopkins 1927), Zaire (Theobald 1917)

**Primary parasites:** *Lysiphlebus testaceipes* (Cresson), Brazil (Silva 1944a)

*Pseudendaphis ?maculans* (Barnes), Ghana (Firempong & Kumar 1975)

**Predators:** *Chrysopa* sp. , Ghana (Firempong & Kumar 1975)

*Crematogaster clariventris* (Mayr), Ghana (Firempong 1976)

*Cycloneda sanguinea* (Linnaeus), Brazil (Bondar 1922)

*Isora anceps* Mulsant, Zaire (Mayne & Ghesquiere 1934)

*Novius* sp. , Ghana (Cotterell 1927c)

*Paragus borboricus* Macquart, Ghana (Cotterell 1927c)

*Paragus marshalli* Bezzi, Ghana (Cotterell 1927c)

*Paragus* sp. , Ghana (Firempong & Kumar 1975)

*Paragus tibialis* (Fallen), Ghana (Firempong & Kumar 1975)

*Platynaspis ferruginea* Weise, Ghana (Firempong & Kumar 1975)

*Platynaspis solieri* Mulsant, Togo (Dufour 1991)

*Pseudocreobotra wahlbergi* Stal, Uganda (Gowdey 1913)

*Scymnus kibonotensis* Weise, Togo (Dufour 1991)

*Scymnus scapuliferus* Mulsant, Ghana (Firempong & Kumar 1975)

*Scymnus* sp. , Togo (Dufour 1991)

*Sphodromantis lineola* (Burmeister), Uganda (Gowdey 1913)

**Tended by:** *Azteca chartifex spiriti* Forel, Brazil (Silva 1944a)

*Camponotus acvapimensis* Mayr, Ghana (Firempong 1975)

*Camponotus barbarossa* Emery, Ghana (Firempong 1975)

*Camponotus crassus* Mayr, Costa Rica (Lara & Shenefelt 1961)

*Camponotus* sp. , Malaysia Sabah (Conway 1971)

*Crematogaster africana* Mayr, Ivory Coast (Alibert 1951)

*Crematogaster limata* F.Smith, Costa Rica (Lara & Shenefelt 1961)

*Crematogaster* sp. , Ghana (Firempong 1975)

*Dolichoderus bidens* (Linnaeus), Brazil (Silva 1944a)

*Ectatomma tuberculatum* (Olivier), Costa Rica (Lara & Shenefelt 1961)

*Ectatomma tuberculatum punctigerum* Weber, Costa Rica (Lara & Shenefelt 1961)

*Monomorium destructor* (Jerdon), Puerto Rico (Wolcott 1936)

*Odontomachus haematodus* (Linnaeus), Ghana (Evans & Leston 1971)

*Pheidole* sp. , Ghana (Firempong 1975)

*Solenopsis geminata* (Fabricius), Brazil (Silva 1944a), Dominican Republic (Wolcott 1922)

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## HOMOPTERA APHROPHORIDAE

**Clovia bigoti (Signoret)****Status:** leaf feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1969b), Ghana (Majer 1975)**Clovia conifer Walker****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Clovia fasciata Lallemand***Synonyms: Clovinia fasciata Lallemand***Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Clovia sp.***Synonyms: Clovinia sp.***Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Poophilus camerunensis Schmidt****Status:** leaf feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1969b)**Poophilus costalis (Walker)****Status:** leaf feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1969b), Upper Volta (Bonzi 1981)**Poophilus obscuris Walker****Status:** no record**Distribution:** Ghana (Majer 1975)**Ptyelus grossus (Fabricius)****Status:** leaf feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1969b), Ghana (Majer 1975)**Ptyelus sp.****Status:** shoot feeder**Distribution:** Ivory Coast (Alibert 1951)

## HOMOPTERA ASTEROLECANIIDAE

**Asterolecanium epidendri (Bouche)***Synonyms: Asterolecanium aureum Boisduval***Status:** no record**Distribution:** Dominican Republic (Gómez-Menor 1934), Jamaica (Gowdey 1922)**Asterolecanium neoguineense Williams & Watson***Synonyms: Asterolecanium sp. near javae Russell***Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961), Papua New Guinea (Szent-Ivany & Dun 1964)**Asterolecanium pustulans (Cockerell)****Status:** shoot feeder**Distribution:** Fiji (Williams & Watson 1990), Grenada (Ballou 1915), Jamaica (Ritchie 1917), Trinidad & Tobago (Pickles 1941)

**Asterolecanium pustulans princeps Castel Branco****Status:** no record**Distribution:** Sao Tome & Principe (Castel-Branco 1964)**Primary parasites:** *Encarsia citrina* (Craw), Sao Tome & Principe (Castel-Branco 1971)  
*Metaphycus portoricensis* (Dozier), Sao Tome & Principe (Castel-Branco 1971)**Predators:** *Chilocorus cacti* (Linnaeus), Sao Tome & Principe (Castel-Branco 1971)**Asterolecanium sp. near pustulans Cockerell****Status:** no record**Distribution:** Nigeria (Entwistle 1962)**HOMOPTERA CERCOPIDAE****Lehina apicalis (Haglund)****Status:** leaf feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1969b)**Literna intermedia Haglund****Status:** leaf feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1969b)**Literna tartemoriou Lallemand****Status:** no record**Distribution:** Ghana (Majer 1975)**Tomaspis sp.****Status:** no record**Distribution:** Ecuador (Campos 1933b)**HOMOPTERA CICADELLIDAE****Afroccidens lodosi Ghauri****Status:** leaf feeder**Distribution:** Ghana (Ghauri 1969)**Afroccidens sp.****Status:** no record**Distribution:** Cameroon (Bruneau De Mire & Lotode 1974)**Afroccidens sympatrica Ghauri****Status:** leaf feeder**Distribution:** Ghana (Ghauri 1969)**Agalliota sp.***Synonyms:* *Agalia sp.***Status:** no record**Distribution:** Costa Rica (Weber 1957)**Amrasca biguttula Ishida***Synonyms:* *Empoasca devastans Distant***Status:** leaf feeder**Distribution:** Sri Lanka (Fernando 1959)**Chinaia rubescens (Fowler)****Status:** leaf feeder**Distribution:** Costa Rica (Salas & Hansen 1963)**Citorus sp.****Status:** no record**Distribution:** Ghana (Anon 1964a)



**Coelidia sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Diedrocephala rubriguttata (Walker)****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Diedrocephala sp. near rubriguttata (Walker)****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Drabescus sp.****Status:** no record**Distribution:** Ghana (Anon 1964a)**Empoasca ?kraemeri Ross & Moore****Status:** no record**Distribution:** Colombia (Moncayo 1958)**Empoasca sp.****Status:** no record**Distribution:** Ivory Coast (Paulin Decazy & Coulibaly 1983), Malaysia Sabah (Lim 1992)**Erythrogonia sp. near areolata (Signoret)****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Gypona sp.****Status:** no record**Distribution:** Costa Rica (Salas & Hansen 1963)**Ormeris sp.****Status:** no record**Distribution:** Costa Rica (Salas & Hansen 1963)**Orosius sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Osbornellus sp.****Status:** no record**Distribution:** Costa Rica (Salas & Hansen 1963)**Penthimia sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Poecilocardia cosmopolita Signoret****Status:** leaf feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1969b)**Polana sp.****Status:** no record**Distribution:** Costa Rica (Salas & Hansen 1963)**Proconia marmorata (Fabricius)****Status:** no record**Distribution:** Brazil (Bondar 1939a)**Raphirrhinus fasciatus (Fabricius)****Status:** no record**Distribution:** Brazil (Bondar 1939a)

**Scaphytopius acutus (Say)****Status:** no record**Distribution:** Ghana (Anon 1964a)**Selenocephalus sp.****Status:** no record**Distribution:** Ghana (Anon 1964a), Papua New Guinea (Szent-Ivany & Dun 1964)**Stragania sp.****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Typhlocyba erythrinae Koningsberger****Status:** no record**Distribution:** Indonesia Java (De Haan 1933)**Typhlocyba sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Wolfella benjamini Boulard****Status:** no record**Distribution:** Cameroon (Boulard 1975)**Wolfella cama Kramer****Status:** leaf feeder**Distribution:** Central African Republic (Boulard 1969b)**Wolfella caternaultii Spinola****Status:** leaf feeder**Distribution:** Central African Republic (Boulard 1969b), Ghana (Anon 1964a)**Wolfella krameri Boulard****Status:** leaf feeder**Distribution:** Central African Republic (Boulard 1969)**Xestocephalus ancorifer Linnavuori****Status:** flower feeder**Distribution:** Brazil (Winder 1978)**HOMOPTERA CICADIDAE****Dundubia rufivena Walker****Status:** shoot feeder**Distribution:** Malaysia Sabah (Foster & Kee 1970)**Huechys sanguinea DeGeer****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Musoda flavida Karsch****Status:** root feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1969b)**Panka africana Distant****Status:** root feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1970)**Panka lunguncus Boulard****Status:** root feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1970)

**Panka minimuncus Boulard****Status:** root feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1970)**Proarna sp.****Status:** no record**Distribution:** Ecuador (Campos 1933b)**Ugada grandicollis Germar****Status:** stem/trunk feeder**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Ugada stalina Butler****Status:** root feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1969b)**Zammara sp.****Status:** no record**Distribution:** Ecuador (Campos 1933b)**HOMOPTERA CIXIIDAE****Bothriocera sp.****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Bothriocera sp. near tinealis Burmeister****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Bothriocera sp. near westwoodi (Stal)****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Myndus sp.****Status:** no record**Distribution:** Costa Rica (Weber 1957)**HOMOPTERA CLASTOPTERIDAE****Clastoptera globosa Fowler****Status:** no record**Distribution:** Costa Rica (Shenefelt Stelzer & Lara 1960), Mexico (Valenzuela-Gonzalez Lopez-Mendez & Garcia-Ballinas 1994)**Predators:** *Pachycondyla villosa* (Fabricius), Mexico (Valenzuela-Gonzalez Lopez-Mendez & Garcia-Ballinas 1994)**Clastoptera laenata Fowler****Status:** no record**Distribution:** Mexico (Soto 1995a)**Clastoptera ochrospila Jacobi****Status:** no record**Distribution:** Brazil (Bicelli Silveira & De Barros-Mendes 1989)**Clastoptera sp.****Status:** no record**Distribution:** Brazil (Mendes 1979), Ecuador (Williams 1923)

**Clastoptera theobromae Williams****Status:** no record**Distribution:** Costa Rica (Williams 1923), Panama (Williams 1923)**Clastoptera xanthocephala var. unicolor Fowler****Status:** no record**Distribution:** Colombia (De Franco 1958)**HOMOPTERA COCCIDAE****Alecanium hirsutum Morrison****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Anthococcus keravatae Williams & Watson***Synonyms:* *Eriochiton sp.* (Szent-Ivany 1961)**Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Ceroplastes destructor Newstead***Synonyms:* *Gascardia destructor* (Newstead)**Status:** no record**Distribution:** Uganda (Newstead 1910)**Ceroplastes floridensis Comstock****Status:** no record**Distribution:** Malaysia Sabah (Conway 1971)**Ceroplastes lamborni Newstead****Status:** no record**Distribution:** Nigeria (Newstead 1917)**Ceroplastes quadrilineatus Newstead****Status:** no record**Distribution:** Ivory Coast (Couturier Matile-Ferrero & Richard 1985)**Ceroplastes sp.****Status:** no record**Distribution:** Central African Republic (Boulard 1967), Zaire (Mayne & Ghesquiere 1934)**Ceroplastes theobromae Newstead****Status:** no record**Distribution:** Cameroon (Newstead 1908)**Ceroplastes toddaliae Hall****Status:** shoot feeder**Distribution:** Ivory Coast (Couturier Matile-Ferrero & Richard 1985)**Ceroplastodes bahiensis Bondar****Status:** no record**Distribution:** Brazil (Bondar 1925)**Tended by:** Azteca chartifex spiriti Forel, Brazil (Silva 1950)**Ceroplastodes melzeri Bondar****Status:** no record**Distribution:** Brazil (Bondar 1925)**Tended by:** Azteca chartifex spiriti Forel, Brazil (Silva 1950)**Ceroplastodes theobromae Bondar****Status:** no record**Distribution:** Brazil (Bondar 1925)**Tended by:** Azteca chartifex spiriti Forel, Brazil (Silva 1950)

**Coccus hesperidum Linnaeus****Status:** no record**Distribution:** Fiji (Williams & Watson 1990)**Coccus longulus (Douglas)****Status:** no record**Distribution:** Uganda (Strickland 1947a), Western Samoa (Williams & Watson 1990)**Coccus viridis (Green)****Status:** leaf feeder**Distribution:** Brazil (Bondar 1939a), Guyana (Bodkin 1919a), Indonesia Java (Kalshoven 1950-51), Malaysia Sabah (Conway 1971), Sao Tome & Principe (De Seabra 1919c)**Tended by:** Dolichoderus thoracicus (F.Smith), Indonesia Java (Dammerman 1929)

Myrmecaria arachnoides (F.Smith), Indonesia Java (Kalshoven 1950-51)

Wasmannia auropunctata (Roger), Brazil (Entwistle 1972)

**Drepanococcus chiton (Green)***Synonyms:* *Ceroplastodes chiton Green***Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Predators:** Stathmopoda sp. near trichopoda Lower, Papua New Guinea (Williams & Watson 1990)**Drepanococcus virescens (Green)***Synonyms:* *Ceroplastodes virescens Green***Status:** no record**Distribution:** Sri Lanka (Green 1922)**Etiennea cacao Hodgson****Status:** no record**Distribution:** Nigeria (Hodgson 1991)**Etiennea gouligouli Hodgson****Status:** no record**Distribution:** Central african Republic (Hodgson 1991)**Eucalymnatus tessellatus (Signoret)****Status:** no record**Distribution:** New Caledonia (Williams & Watson 1990), Papua New Guinea (Szent-Ivany & Dun 1964)**Hemilecanium theobromae Newstead****Status:** no record**Distribution:** Cameroon (Von Faber 1909)**Inglisia sp.****Status:** no record**Distribution:** Central African Republic (Boulard 1967), Ghana (Anon 1948)**Inglisia theobromae Newstead****Status:** no record**Distribution:** Uganda (Newstead 1917)**Lagosinia aristolochiae (Newstead)***Synonyms:* *Pulvinaria aristolochiae Newstead***Status:** no record**Distribution:** Ghana (Strickland 1947a)**Lecanium sp.****Status:** no record**Distribution:** Ghana (Anon 1948)**Millericoccus costalimae (Bondar)***Synonyms:* *Ceroplastodes costalimae Bondar***Status:** no record**Distribution:** Brazil (Bondar 1925)

**Tended by:** Azteca chartifex spiriti Forel, Brazil (Silva 1950)

**Parasaissetia nigra (Nietner)**

*Synonyms:* *Lecanium nigrum* Nietner, *Saissetia nigra* Nietner

**Status:** no record

**Distribution:** Ivory Coast (Alibert 1951), Sao Tome & Principe (De Seabra 1917b)

**Philephedra broadwayi (Cockerell)**

*Synonyms:* *Philephedra theobromae* Green

**Status:** no record

**Distribution:** Grenada (Ballou 1922), Panama (Fisher 1920), Trinidad & Tobago (Green 1915)

**Pseudocribrolecanium andersoni (Newstead)**

*Synonyms:* *Cribrolecanium andersoni* (Newstead)

**Status:** no record

**Distribution:** Cameroon (Matile-Ferrero & Nonveiller 1984), Ghana (Bigger 1993)

**Pulvinaria cacao Williams & Watson 1990**

**Status:** no record

**Distribution:** Papua New Guinea (Williams & Watson 1990)

**Pulvinarisca jacksoni (Newstead)**

*Synonyms:* *Macropulvinaria jacksoni* (Newstead), *Pulvinaria jacksoni* Newstead

**Status:** no record

**Distribution:** Cameroon (Von Faber 1909), Ghana (Strickland 1947a), Ghana (Waterston 1917)

**Primary parasites:** Cheiloneurus afer Waterston, Ghana (Waterston 1917)

**Saissetia coffeae (Walker)**

**Status:** no record

**Distribution:** China (Li Wang & Waterhouse 1997) Taiwan (Li Wang & Waterhouse 1997)

**Saissetia hurae Newstead**

**Status:** no record

**Distribution:** Brazil (Bondar 1939a)

**Saissetia sp.**

**Status:** shoot feeder

**Distribution:** Cameroon (Bruneau De Mire 1969), Central African Republic (Boulard 1967)

**Tended by:** Wasmannia auropunctata (Roger), Cameroon (Bruneau De Mire 1969)

**Udinia catori (Green)**

**Status:** no record

**Distribution:** No locality (Handford 1974)

**Udinia farquharsoni (Newstead)**

*Synonyms:* *Saissetia subhirsuta* (Strickland 1947a) Newstead

**Status:** no record

**Distribution:** Ghana (Strickland 1947a)

**Vitrococcus conchiformis (Newstead)**

*Synonyms:* *Inglisia conchiformis* Newstead

**Status:** no record

**Distribution:** Uganda (Gowdey 1917)

**Predators:** Coccidiphaga scitula (Rambur), Uganda (Gowdey 1917)

**Waxiella sp. near zonata (Newstead)**

*Synonyms:* *Gascardia sp. near zonatus* (Newstead)

**Status:** shoot feeder

**Distribution:** Ghana (Strickland 1951)

**Tended by:** Crematogaster clariventris (Mayr), Ghana (Campbell 1994)

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## HOMOPTERA DACTYLOPIIDAE

**Dactylopius sp.****Status:** no record**Distribution:** Brazil (Silva 1950)**HOMOPTERA DELPHACIDAE****Copicerus sp.****Status:** no record**Distribution:** Brazil (Bondar 1939a)**HOMOPTERA DERBIDAE****Diostrombus sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Iquistosa sp.****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Lamenia epiensis Muir****Status:** no record**Distribution:** Solomon Is (Lever 1968)**Patara sp.****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Proutista sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Zoraida fuscipennis (Walker)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Zoraida punctipennis (Walker)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Zoraida sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Zoraida sp. near punctipennis (Walker)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**HOMOPTERA DIASPIDIDAE****Abgrallaspis cyanophylli (Signoret)***Synonyms:* *Aspidiotus cyanophylli* Signoret, *Furcaspis cyanophylli* (Signoret), *Hemiberlesia cyanophylli* Signoret**Status:** leaf feeder**Distribution:** Brazil (Bondar 1939a), Ghana (Anon 1948), Western Samoa (Williams & Watson 1990)

**Aonidiella gracilis (Balachowsky)**

*Synonyms: Aspidiotus gracilis Balachowsky*

**Status:** leaf feeder

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

**Aonidiella replicata (Lindinger)**

**Status:** leaf feeder

**Distribution:** Ghana (Strickland 1951)

**Aspidiotus destructor Signoret**

**Status:** leaf feeder

**Distribution:** Brazil (Bondar 1939a), Fiji (Williams & Watson 1988a), Ghana (Anon 1948), Indonesia Java (Kalshoven 1950-51), Sao Tome & Principe (Castel-Branco 1956), Trinidad & Tobago (Pickles 1945)

**Primary parasites:** Encarsia citrina (Craw), Sao Tome & Principe (Castel-Branco 1958)

Pterotrix parvipennis (Gahan), Sao Tome & Principe (Castel-Branco 1958)

**Aspidiotus elaeidis Marchal**

**Status:** leaf feeder

**Distribution:** Ghana (Campbell 1983)

**Aspidiotus sp.**

**Status:** leaf feeder

**Distribution:** Brazil (Silva 1950), Ghana (Anon 1948), Sao Tome & Principe (Passos de Carvalho 1968)

**Hemiberlesia palmae (Morgan & Cockerell)**

*Synonyms: Aspidiotus palmae Morgan & Cockerell, Borchseniaspis palmae (Morgan & Cockerell)*

**Status:** leaf feeder

**Distribution:** Fiji (Williams & Watson 1988a), Ghana (Anon 1948), Malaysia Sabah (Conway 1971), Papua New Guinea (Szent-Ivany 1961), Sao Tome & Principe (De Seabra & Vayssiere 1918)

**Howardia biclavis (Comstock)**

**Status:** bark feeder, shoot feeder

**Distribution:** Trinidad & Tobago (Pickles 1941)

**Howardia stricklandi Williams**

**Status:** leaf feeder

**Distribution:** Ghana (Williams 1960b)

**Ischnaspis longirostris (Signoret)**

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Lepidosaphes beckii (Newman)**

*Synonyms: Mytilococcus beckii (Newman)*

**Status:** leaf feeder

**Distribution:** Sao Tome & Principe (De Seabra 1919c)

**Lopholeucaspis cockerelli (Grandpre & Charmoy)**

**Status:** leaf feeder

**Distribution:** Vanuatu (Williams & Watson 1988a)

**Morganella longispina (Morgan)**

*Synonyms: Morganella (Aspidiotus) maskelli Cockerell*

**Status:** leaf feeder

**Distribution:** Sao Tome & Principe (De Seabra 1919c)

**Neoselenaspis silvaticus (Lindinger)**

*Synonyms: Selenaspis silvaticus Lindinger*

**Status:** leaf feeder

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

**Paraselenaspis madagascariensis (Mamet)**

**Status:** leaf feeder

**Distribution:** No locality (Borchsenius 1966)



**Parlatoria camelliae Comstock****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Parlatoria proteus (Curtis)****Status:** leaf feeder**Distribution:** Fiji (Williams & Watson 1988a)**Pseudaonidia sp.****Status:** leaf feeder**Distribution:** Ghana (Anon 1948)**Pseudaonidia trilobitiformis (Green)***Synonyms: Aspidiotus trilobitiformis Green***Status:** fruit feeder, leaf feeder**Distribution:** Brazil (Silva 1950), Dominican Republic (Schmutterer 1990), Madagascar (Newstead 1910), Sao Tome & Principe (De Seabra 1917a), Sudan (Schmutterer 1969), Vanuatu (Williams & Watson 1988a), Zaire (Mayne & Ghesquiere 1934)**Pseudaulacaspis pentagona (Targioni Tozzetti)***Synonyms: Aulacaspis pentagona Targioni Tozzetti***Status:** leaf feeder**Distribution:** Sao Tome & Principe (De Seabra 1919c)**Pseudoparlatoria parlatorioides (Comstock)***Synonyms: Pseudoparlatoria pusilla Green***Status:** leaf feeder**Distribution:** Sri Lanka (Green 1922)**Pseudoparlatoria suelda Wolff****Status:** leaf feeder**Distribution:** Colombia (Wolff 2001)**Selenaspis articulatus (Morgan)***Synonyms: Aspidiotus articulatus Morgan***Status:** leaf feeder**Distribution:** Sao Tome & Principe (De Seabra & Vayssiere 1918), Trinidad & Tobago (Pickles 1945)**Selenaspis kamerunicus Lindinger****Status:** leaf feeder**Distribution:** No locality (Borchsenius 1966)**Semelaspis sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Semelaspis theobromae Williams****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Williams 1957)**HOMOPTERA DICTYOPHARIDAE****Aluntia schimperii (Guerin-Meneville)****Status:** no record**Distribution:** Ghana (Anon 1964a)**Dictyophara elliptica Walker****Status:** no record**Distribution:** Ghana (Anon 1964a)

**Fernandea conradti Mel.****Status:** no record**Distribution:** Ghana (Anon 1964a)**Phaenodictyon sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Philotheria sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**HOMOPTERA EURYBRACHIDAE****Parancyra bivulnerata (Fennah)****Status:** no record**Distribution:** Cameroon (Constant 2005) Central African Republic (Constant 2005)**HOMOPTERA FLATIDAE****Anormenis albula (Walker)****Status:** no record**Distribution:** Brazil (Bondar 1939a)**Carthaeomorpha sp.****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Chaetormenis sp.****Status:** no record**Distribution:** Ghana (Anon 1964a)**Colgar chlorospilum (Walker)****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Colgar elatum Medler***Synonyms:* *Colgar sp.* (Szent-Ivany & Dun 1964), *Colgar tricolor* (Szent-Ivany & Dun 1964) Distant**Status:** no record**Distribution:** Indonesia West Irian (Medler 1989), Papua New Guinea (Medler 1989), Papua New Guinea (Szent-Ivany & Dun 1964)**Colgar ligorum Medler****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Colgar missior Medler****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Colgar surrectum (Melichar)****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Colgar tricolor Distant****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

**Cryptoflata unipunctata (Olivier)****Status:** no record**Distribution:** Ghana (Anon 1964a)**Epormenis roscida (Germar)****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Epormenis unimaculata (Fennah)****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Euphanta pokiana Distant****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Euphanta sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Lawana candida (Fabricius)****Status:** no record**Distribution:** Indonesia Java (Dammerman 1929)**Primary parasites:** *Neodryinus javanus* (Roepke), Indonesia Java (Roepke 1916a)**Lawana conspersa Walker****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Lawana optata Melichar****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Necromna bistriguttata (Stal)****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Neocromna sp.****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Neodaksha furtiva (Melichar)***Synonyms:* *Paradaksha sp.* (Szent-Ivany & Dun 1964)**Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Ormenis albigyna Campos****Status:** no record**Distribution:** Ecuador (Campos 1933b)**Papuanella affinis Medler***Synonyms:* *Papuanella sp.* (Szent-Ivany & Dun 1964)**Status:** no record**Distribution:** Papua New Guinea (Medler 1989), Papua New Guinea (Szent-Ivany & Dun 1964)**Papuanella bistigma Medler****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Papuanella cyanea (Melichar)****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)

**Papuanella destituta Medler****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Papuanella jacata Medler****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Papuanella rufilis Medler****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Phromnia sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Phyllophanta sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Sephena conforma Medler****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Sephena infumata Medler****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Sephena nivosa (Walker)***Synonyms: Paratella nivosa (Walker)***Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Sephena punctulosa Distant****Status:** no record**Distribution:** Solomon Is (Lever 1968)**Sephena sp.****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961), Papua New Guinea (Szent-Ivany & Dun 1964)**Sephena spargula (Walker)****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Siphanta sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Talopsus albastum Medler****Status:** no record**Distribution:** Papua New Guinea (Medler 1989)**Taparella amata (Walker)***Synonyms: Paratella discoidalis Melichar, Paratella miniata Melchior***Status:** no record**Distribution:** Indonesia West Irian (Medler 1989), Papua New Guinea (Szent-Ivany & Dun 1964)**Taparella errudiata (Melichar)***Synonyms: Paratella errudiata Melichar***Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

**Taparella roseoalba (Melichar)***Synonyms: Paratella roseoalba Melichar***Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Uysanus nebulosa (Melichar)****Status:** no record**Distribution:** Ghana (Anon 1964a)**HOMOPTERA FULGORIDAE****Anecphora olivacea Schm.****Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Elasmoscelis trimaculata Walker****Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Holodictya sp.****Status:** no record**Distribution:** Ghana (Anon 1964a)**Laternaria candelaria (Linnaeus)****Status:** no record**Distribution:** China (Li Wang & Waterhouse 1997)**Neolietinckana fuscata Spin.****Status:** leaf feeder**Distribution:** Papua New Guinea (Anon 1971)**Novodictya punctata Lallemand****Status:** shoot feeder**Distribution:** Ivory Coast (Alibert 1951)**Phrictus quinquepartitus Distant****Status:** stem/trunk feeder**Distribution:** Brazil (Bondar 1939a)**Phrictus sp.****Status:** stem/trunk feeder**Distribution:** Brazil (Silva 1945b)**HOMOPTERA ISSIDAE****Acrisius sp.****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Colpoptera marginalis Burmeister****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Colpoptera sp.****Status:** no record**Distribution:** Costa Rica (Salas & Hansen 1963)**Togoda africana Walker****Status:** no record**Distribution:** Ghana (Majer 1975)

**Togoda sp.****Status:** no record**Distribution:** Ghana (Anon 1964a)**HOMOPTERA KERRIIDAE****Kerria albizziae (Green)***Synonyms: Laccifer albizziae (Green), Tachardia albizziae Green***Status:** no record**Distribution:** India (Fletcher 1920b), Sri Lanka (Green 1911)**Predators:** Eublemma sp. , Sri Lanka (Hutson 1922)**Oedematopoda cypris** Meyrick, India (Fletcher 1920b)**Kerria javanus (Chamberlin)***Synonyms: Laccifer javana Chamberlin***Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Kerria sp.***Synonyms: Laccifer sp.***Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**HOMOPTERA KINNARIDAE****Southia nemoralis (Fennah)****Status:** no record**Distribution:** Trinidad & Tobago (Fennah 1945)**HOMOPTERA LOPHOPIDAE****Kasserota sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Lophops sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Painella simmondsi Muir****Status:** no record**Distribution:** Solomon Is (Lever 1968)**HOMOPTERA MARGARODIDAE****Crypticerya caudatus (Newstead)***Synonyms: Steatococcus caudatus Newstead***Status:** branch feeder, shoot feeder**Distribution:** Ivory Coast (Couturier Matile-Ferrero & Richard 1985)**Drosicha mangiferae (Green)****Status:** no record**Distribution:** Malaysia Sabah (Conway 1971)**Icerya nigroareolata Newstead****Status:** leaf feeder**Distribution:** Ghana (Strickland 1947a)

**Icerya pulchra (Leonardi)****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Icerya purchasi Maskell****Status:** leaf feeder**Distribution:** Sao Tome & Principe (Castel-Branco 1962)**Icerya sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Icerya tremae Vayssiere****Status:** leaf feeder**Distribution:** Zaire (Liegeois 1944)**Misracoccus convexus (Morrison)***Synonyms: Lophococcus convexus Morrison***Status:** no record**Distribution:** Indonesia Java (De Jong 1931)**Steatococcus samaraius Morrison****Status:** no record**Distribution:** Solomon Is (Williams & Watson 1990)**Steatococcus sp.****Status:** no record**Distribution:** Ghana (Strickland 1947a)**Steatococcus theobromae (Newstead)****Status:** no record**Distribution:** Cameroon (Von Faber 1909), Ghana (Strickland 1947a), Nigeria (Newstead 1908)**HOMOPTERA MEENOPLIDAE****Meenoplus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**HOMOPTERA MEMBRACIDAE****Acanophora sp.****Status:** no record**Distribution:** Ecuador (Campos 1933b)**Amastris elevata Funkhouser****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Amastris obtegens (Fabricius)****Status:** fruit feeder**Distribution:** Costa Rica (Anon 1959)**Anchon decoratum Distant****Status:** shoot feeder**Distribution:** Central African Republic (Boulard 1969b)**Anchon dilaticornis Pelaez****Status:** no record**Distribution:** Ghana (Anon 1964a)

**Anchon erici Boulard****Status:** leaf feeder**Distribution:** Central African Republic (Boulard 1969a)**Anchon flavipes Signoret****Status:** shoot feeder**Distribution:** Central African Republic (Boulard 1969b)**Anchon vicinum Signoret****Status:** no record**Distribution:** Ghana (Majer 1975)**Bocchar sp. near montanum Jacobi****Status:** no record**Distribution:** Ghana (Anon 1964a)**Bolbonota insignis Fowler****Status:** no record**Distribution:** Costa Rica (Salas & Hansen 1963)**Bolbonota nisus Germar****Status:** no record**Distribution:** Brazil (Bondar 1922)**Bolbonota pictipennis Fairmaire****Status:** no record**Distribution:** Brazil (Bondar 1924b), Colombia (Moncayo 1958)**Tended by:** Azteca chartifex Forel, Brazil (Bondar 1924b)

Crematogaster evallans Forel, Brazil (Bondar 1924b)

Dolichoderus attelabooides (Fabricius), Brazil (Bondar 1924b)

Dolichoderus bidens (Linnaeus), Brazil (Bondar 1924b)

Dolichoderus bispinosus (Olivier), Brazil (Bondar 1924b)

**Cymbomorpha sp.****Status:** flower feeder**Distribution:** Trinidad & Tobago (Billes 1941)**Cyphonia clavata (Fabricius)****Status:** no record**Distribution:** Surinam (Van Dinther 1960)**Dingkana sp.****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Ebhul varium (Walker)****Status:** no record**Distribution:** Malaysia W. Malaysia (Azhar 1992)**Tended by:** Dolichoderus thoracicus (F. Smith), Malaysia (Azhar 1992)**Enchenopa auridorsa Sakakibara & Marques****Status:** no record**Distribution:** Brazil (Sakakibara & Marques 2007)**Enchenopa fusca Sakakibara & Marques****Status:** no record**Distribution:** Brazil (Sakakibara & Marques 2007)**Eumonocentrus erectus Schmidt****Status:** shoot feeder**Distribution:** Central African Republic (Boulard 1969b)



**Eumonocentrus sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Gargara chinchonettae Boulard****Status:** leaf feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1968)**Gargara lullae Boulard****Status:** leaf feeder, shoot feeder**Distribution:** Central African Republic (Boulard 1968)**Gargara perpolita Distant****Status:** leaf feeder, shoot feeder**Distribution:** Ghana (Anon 1964a)**Gargara sp.****Status:** no record**Distribution:** Ghana (Cotterell 1927c)**Gargara variegata Signoret****Status:** no record**Distribution:** Ghana (Majer 1975)**Harmonides dispar (Fabricius)****Status:** branch feeder, fruit feeder**Distribution:** Colombia (Urueta Sandino 1975b)**Horiola picta Fabricius***Synonyms:* *Horiola arcuata Fabricius*, *Horiola lineolata Fairmaire*, *Tragopa picta Fabricius***Status:** flower feeder**Distribution:** Brazil (Bondar 1924b), Colombia (Moncayo 1958), Costa Rica (Salas & Hansen 1963), Guyana (Bodkin 1914), Trinidad & Tobago (Guppy 1911b)**Primary parasites:** *Trichogrammatella tristis* Girault, Trinidad & Tobago (Guppy 1911b)*Tumidifemur pulchrum* Girault, Trinidad & Tobago (Guppy 1911b)*Uscanella bicolor* Girault, Trinidad & Tobago (Guppy 1911b)**Tended by:** *Azteca chartifex* Forel, Brazil (Bondar 1924b), Trinidad & Tobago (Urich 1911)*Crematogaster evallans* Forel, Brazil (Bondar 1924b)*Dolichoderus attelaboides* (Fabricius), Brazil (Bondar 1924b)*Dolichoderus bidens* (Linnaeus), Brazil (Bondar 1924b)*Dolichoderus bispinosus* (Olivier), Brazil (Bondar 1924b)**Horiola sp.****Status:** no record**Distribution:** Colombia (De Franco 1958), Trinidad & Tobago (Guppy 1911b)**Imporcitor sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Leptocentrus albolineatus Funkhouser****Status:** no record**Distribution:** China (Li Wang & Waterhouse 1997)**Leptocentrus altifrons (Walker)****Status:** shoot feeder**Distribution:** Central African Republic (Boulard 1969b), Ghana (Anon 1964a)**Leptocentrus bos Signoret****Status:** shoot feeder**Distribution:** Central African Republic (Boulard 1969b)

**Leptocentrus lobayensis Boulard****Status:** leaf feeder**Distribution:** Central African Republic (Boulard 1969)**Leptocentrus macarangae Boulard****Status:** shoot feeder**Distribution:** Central African Republic (Boulard 1969b)**Leptocentrus paganus Capener****Status:** shoot feeder**Distribution:** Central African Republic (Boulard 1969b)**Leptocentrus reponens Walker****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Leptocentrus rufotibialis Capener****Status:** shoot feeder**Distribution:** Central African Republic (Boulard 1969b)**Leptocentrus sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Membracis foliata (Linnaeus)****Status:** bark feeder**Distribution:** Brazil (Bondar 1939a)**Membracis tectigera (Stal)****Status:** no record**Distribution:** Brazil (Bicelli et al 1987)**Metcalfiella pertusa (Germar)***Synonyms: Hoplophorion pertusum Germar***Status:** bark feeder, shoot feeder**Distribution:** Brazil (Bondar 1939a), Peru (Escalante 1974)**Primary parasites:** *Prionomastix ?fasciatipennis* (Girault), Brazil (Anon 1983)**Predators:** *Ocyptamus ?flatus* (Hull), Brazil (Anon 1983)**Micrutalis nitida Sakakibara & Marques****Status:** no record**Distribution:** Brazil (Sakakibara & Marques 2007)**Mitranotus costei Boulard****Status:** no record**Distribution:** Cameroon (Boulard 1983)**Monocentrus insularis Schm.****Status:** no record**Distribution:** Ghana (Anon 1964a)**Nassunia armata Sakakibara & Marques****Status:** no record**Distribution:** Brazil (Sakakibara & Marques 2007)**Nassunia inermis Sakakibara & Marques****Status:** no record**Distribution:** Brazil (Sakakibara & Marques 2007)**Oxyrhachis pandata Distant****Status:** no record**Distribution:** Ghana (Anon 1964a)

**Platybelus flagellifer Signoret***Synonyms: Centrotus flagellifer Signoret***Status:** no record**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Publilia sp.****Status:** no record**Distribution:** Peru (Escalante 1974)**Terentius sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Tolania acuticornis Sakakibara & Marques****Status:** no record**Distribution:** Brazil (Sakakibara & Marques 2007)**Tragopa aenea (Perty)****Status:** bark feeder**Distribution:** Brazil (Bondar 1939a)**Tragopa fulvovaria Fairmaire****Status:** bark feeder**Distribution:** Brazil (Bondar 1924b)**Tended by:** Azteca chartifex Forel, Brazil (Bondar 1924b)

Crematogaster evallans Forel, Brazil (Bondar 1924b)

Dolichoderus attelaboides (Fabricius), Brazil (Bondar 1924b)

Dolichoderus bidens (Linnaeus), Brazil (Bondar 1924b)

Dolichoderus bispinosus (Olivier), Brazil (Bondar 1924b)

**Tragopa humeralis Fairmaire****Status:** bark feeder**Distribution:** Brazil (Bondar 1924b)**Tended by:** Azteca chartifex Forel, Brazil (Bondar 1924b)

Crematogaster evallans Forel, Brazil (Bondar 1924b)

Dolichoderus attelaboides (Fabricius), Brazil (Bondar 1924b)

Dolichoderus bidens (Linnaeus), Brazil (Bondar 1924b)

Dolichoderus bispinosus (Olivier), Brazil (Bondar 1924b)

**Tragopa nigra Sakakibara & Marques****Status:** no record**Distribution:** Brazil (Sakakibara & Marques 2007)**Tragopa nitida Germar****Status:** no record**Distribution:** Brazil (Bondar 1924b)**Tended by:** Azteca chartifex Forel, Brazil (Bondar 1924b)

Crematogaster evallans Forel, Brazil (Bondar 1924b)

Dolichoderus attelaboides (Fabricius), Brazil (Bondar 1924b)

Dolichoderus bidens (Linnaeus), Brazil (Bondar 1924b)

Dolichoderus bispinosus (Olivier), Brazil (Bondar 1924b)

**Tricentrus sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Tropidolomia auriculata (Olivier)***Synonyms: Tragopa auriculata Olivier***Status:** bark feeder**Distribution:** Brazil (Bondar 1924b)**Tended by:** Azteca chartifex Forel, Brazil (Bondar 1924b)

Crematogaster evallans Forel, Brazil (Bondar 1924b)

*Dolichoderus attelaboides* (Fabricius), Brazil (Bondar 1924b)

*Dolichoderus bidens* (Linnaeus), Brazil (Bondar 1924b)

*Dolichoderus bispinosus* (Olivier), Brazil (Bondar 1924b)

### **Umbonia sp.**

**Status:** no record

**Distribution:** Ecuador (Evans & Samson 1977)

### **Uroxiphus maculiscutum Amyot & Serville**

*Synonyms:* *Centrotus maculiscutum* Amyot & Serville

**Status:** no record

**Distribution:** Ghana (Majer 1975)

## **HOMOPTERA NOGODINIDAE**

### **Gaetulia sp.**

**Status:** no record

**Distribution:** Costa Rica (Weber 1957)

## **HOMOPTERA ORTHEZIIDAE**

### **Insignorthezia insignis (Browne)**

*Synonyms:* *Orthezia insignis* Browne

**Status:** no record

**Distribution:** Sao Tome & Principe (De Seabra 1919c)

### **Mixorthezia fodiens (Giard)**

**Status:** no record

**Distribution:** Guadeloupe (Morrison 1952)

### **Mixorthezia reynei (Laing)**

*Synonyms:* *Ortheziopa reynei* Laing, *Ortheziopa* sp. (Trinidad & Tobago)

**Status:** root feeder

**Distribution:** Trinidad & Tobago (Strickland 1947a)

**Tended by:** *Acropyga* sp. , Trinidad & Tobago (Strickland 1945)

### **Newsteadia wacri Strickland**

**Status:** stem/trunk feeder

**Distribution:** Ghana (Strickland 1947a)

### **Praelongorthezia praelonga (Douglas)**

*Synonyms:* *Orthezia praelonga* Douglas

**Status:** no record

**Distribution:** Trinidad & Tobago (Kirkpatrick 1953b)

## **HOMOPTERA PSEUDOCOCCIDAE**

### **Benedictycoccina ornata (Hambleton)**

*Synonyms:* *Rhizoecus ornatus* (Hambleton), *Ripersiella ornata* Hambleton

**Status:** root feeder

**Distribution:** Trinidad & Tobago (Strickland 1945)

### **Cataenococcus taylori Williams & Granara de Willink**

*Synonyms:* *Cataenococcus taylori* Williams & Granara de Willink

**Status:** no record

**Distribution:** Colombia (Williams & Granara de Willink 1992)

**Cataenococcus theobromicola Williams & Granara de Willink***Synonyms: Cataenococcus theobromicola Williams & Granara de Willink***Status:** no record**Distribution:** Colombia (Williams & Granara de Willink 1992)**Coccidella globocula (Hambleton)***Synonyms: Morrisonella globocula Hambleton, Rhizoecus globoculus (Hambleton)***Status:** root feeder**Distribution:** Trinidad & Tobago (Hambleton 1946)**Coccidella theobromae (Hambleton)***Synonyms: Morrisonella theobromae Hambleton, Rhizoecus theobromae (Hambleton)***Status:** root feeder**Distribution:** Ecuador (Hambleton 1946)**Crinitococcus ficus Williams****Status:** no record**Distribution:** Solomon Is (Lever 1968)**Crinitococcus tectus Williams****Status:** fruit feeder**Distribution:** Solomon Is (Lever 1968)**Tended by:** Philidris myrmecodiae (Emery), Solomon Islands (Williams 1960a)**Crinitococcus theobromae Williams****Status:** fruit feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961), Solomon Is (Lever 1968)**Tended by:** Technomyrmex albipes (F. Smith), Solomon Islands (Williams 1960a)**Criscoccus longipilosus De Lotto***Synonyms: Trionymus longipilosus De Lotto***Status:** no record**Distribution:** ?Tanzania (De Lotto 1967)**Criscoccus sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Criscoccus theobromae Williams & Watson****Status:** no record**Distribution:** Malaysia Sabah (Williams 2004), Papua New Guinea (Williams & Watson 1988)**Delococcus tafoensis (Strickland)***Synonyms: Formicococcus tafoensis Strickland***Status:** stem/trunk feeder**Distribution:** Ghana (Strickland 1947a), Togo (Nguyen-Ban 1984)**Delottococcus sp. near proteae (Hall)***Synonyms: Pseudococcus sp. near proteae Hall***Status:** no record**Distribution:** Ghana (Donald 1956), Nigeria (Donald 1955b)**Primary parasites:** Anagyrus beneficiens Compere, Ghana (Donald 1956)

Leptomastix dactylopii Howard, Ghana (Donald 1956)

**Hyperparasites:** Cheiloneurus carinatus Compere, Ghana (Donald 1956)**Dysmicoccus brevipes (Cockerell)***Synonyms: Pseudococcus bromeliae (Bouche)***Status:** fruit feeder, leaf feeder, shoot feeder**Distribution:** American Samoa (Williams & Watson 1988b), Colombia (Williams & Granara de Willink 1992), Costa Rica (Weber 1957), Cuba (Blanco Perez & Rodriguez 2003), Ghana (Donald 1956), Grenada (Ballou 1922), Guyana (Williams & Granara de Willink 1992), Honduras (Williams & Granara de Willink 1992), Nigeria (Donald 1955b), Panama (Williams & Granara de Willink 1992), Tanzania Zanzibar (De Lotto 1964),

Togo (Dufour 1991), Trinidad & Tobago (Kirkpatrick 1953b), Vanuatu (Williams & Watson 1988b), Western Samoa (Williams & Watson 1988b)

**Primary parasites:** *Aenasius longiscapus* Compere, Trinidad & Tobago (Kerrich 1967)

*Aenasius tachigaliae* (Brues), Trinidad & Tobago (Kerrich 1953)

*Tropidophryne africana* Compere, Ghana (Donald 1956)

**Predators:** *Hyperaspis jucunda* (Mulsant), Trinidad & Tobago (Kirkpatrick 1953b)

*Ocyptamus stenogaster* (Williston), Trinidad & Tobago (Kirkpatrick 1953b)

*Pseudiastata vorax* Sabrosky, Trinidad & Tobago (Sabrosky 1951)

**Tended by:** *Crematogaster* sp., Colombia (Kondo Portilla & Navarro 2008)

*Pheidole* sp., Colombia (Kondo Portilla & Navarro 2008)

*Solenopsis geminata* (Fabricius), Costa Rica (Weber 1957)

*Solenopsis picea* Emery, Costa Rica (Weber 1957)

*Solenopsis* sp., Colombia (Kondo Portilla & Navarro 2008)

*Wasmannia auropunctata* (Roger), Colombia (Kondo Portilla & Navarro 2008)

### ***Dysmicoccus debregeasiae* (Green)**

**Status:** root feeder

**Distribution:** Malaysia (Williams 2004)

### ***Dysmicoccus grassii* (Leonardi)**

*Synonyms:* *Dysmicoccus alazon* Williams

**Status:** fruit feeder

**Distribution:** Belize (Williams & Granara de Willink 1992), Colombia (Kondo Portilla & Navarro 2008),

Malaysia Sabah (Williams 2004), Mexico (Williams & Granara de Willink 1992), Trinidad & Tobago (Williams & Granara de Willink 1992)

### ***Dysmicoccus lepelleyi* (Betrem)**

**Status:** no record

**Distribution:** Malaysia (Williams 2004)

### ***Dysmicoccus neobrevipes* Beardsley**

**Status:** fruit feeder

**Distribution:** American Samoa (Williams & Watson 1988b), Hawaii (Chang 1985), Malaysia (Williams 2004), Philippines (Williams 2004), Surinam (Williams & Granara de Willink 1992)

**Tended by:** *Pheidole megacephala* (Fabricius), Hawaii (Chang 1985)

### ***Dysmicoccus nesophilus* Williams & Watson**

**Status:** no record

**Distribution:** Fiji (Williams & Watson 1988b)

### ***Dysmicoccus* sp.**

**Status:** fruit feeder

**Distribution:** Colombia (Kondo Portilla & Navarro 2008), Cuba (Martinez Blanco & Perez 2001), Fiji (Hinckley 1965), Trinidad & Tobago (Kirkpatrick 1953b)

**Tended by:** *Solenopsis geminata* (Fabricius), Trinidad & Tobago (Kirkpatrick 1953b)

### ***Dysmicoccus* sp. near *brevipes* (Cockerell)**

**Status:** fruit feeder

**Distribution:** Costa Rica (Weber 1957), Trinidad & Tobago (Kirkpatrick 1953b)

**Primary parasites:** *Blepyrus schwarzi* (Howard), Trinidad & Tobago (Kerrich 1967)

**Tended by:** *Solenopsis geminata* (Fabricius), Costa Rica (Weber 1957)

*Solenopsis picea* Emery, Costa Rica (Weber 1957)

*Wasmannia auropunctata* (Roger), Trinidad & Tobago (Kirkpatrick 1953b)

### ***Dysmicoccus texensis* (Tinsley)**

*Synonyms:* *Dysmicoccus bispinosus* Beardsley

**Status:** fruit feeder

**Distribution:** Colombia (Williams & Granara de Willink 1992), Cuba (Blanco Perez & Rodriguez 2003),

Trinidad & Tobago (Williams & Granara de Willink 1992), Virgin Is (Williams & Granara de Willink 1992)

**Tended by:** *Crematogaster* sp., Colombia (Kondo Portilla & Navarro 2008)

**Exallomochlus camur Williams****Status:** no record**Distribution:** Malaysia Sabah (Williams 2004)**Exallomochlus hispidus (Morrison)***Synonyms:* *Cataenococcus hispidus* (Morrison), *Pseudococcus hispidus* Morrison**Status:** no record**Distribution:** Indonesia Java (Williams 2004), Indonesia Sumatra (Williams 2004), Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Azhar 1992)**Tended by:** *Anoplolepis gracilipes* (F.Smith), Malaysia W. Malaysia (Azhar 1983)*Crematogaster* sp. , Malaysia W. Malaysia (Azhar 1983)*Dolichoderus thoracicus* (F.Smith), Malaysia (Azhar 1992)**Exallomochlus sulawesicus Williams****Status:** no record**Distribution:** Indonesia Sulawesi (Williams 2004)**Ferrisia virgata (Cockerell)****Status:** fruit feeder, leaf feeder, shoot feeder**Distribution:** Bolivia (Williams & Granara de Willink 1992), Central African Republic (Boulard 1967), China (Li Wang & Waterhouse 1997), Colombia (Williams & Granara de Willink 1992), Costa Rica (Weber 1957), Ecuador (Williams & Granara de Willink 1992), Ghana (Strickland 1947a), India (Williams 2004), Indonesia Java (Van der Knaap 1952), Ivory Coast (Alibert 1951), Jamaica (Gowdey 1921b), Malaysia Sabah (Conway 1971), Malaysia Sarawak (Williams 2004), Mexico (Williams & Granara de Willink 1992), Nigeria (Donald 1955b), Papua New Guinea (Szent-Ivany & Dun 1964), Sao Tome & Principe (Passos de Carvalho 1968), Sierra Leone (Attafuah Blencowe & Brunt 1963), Sri Lanka (Carter 1956), Sudan (Schmutterer 1969), Taiwan (Li Wang & Waterhouse 1997), Togo (Dufour 1988), Trinidad & Tobago (Kirkpatrick 1953b), Zaire (Liegeois 1944)**Primary parasites:** *Acerophagus* sp. , Trinidad & Tobago (Entwistle 1972)*Aenasius advena* Compere, Trinidad & Tobago (Kerrich 1967)*Aenasius caeruleus* Brues, Trinidad & Tobago (Kerrich 1967)*Aenasius frontalis* Compere, Trinidad & Tobago (Kerrich 1967)*Aenasius martinii* (Compere), Ghana (Donald 1956), Nigeria (Gregory 1954)*Aenasius regularis* Kerrich, Trinidad & Tobago (Kerrich 1967)*Aenasius* sp. , Trinidad & Tobago (Entwistle 1972)*Allothrombium* sp. , Ghana (Donald 1956)*Anagyrus* sp. near *aurantifrons* Compere, Ghana (Donald 1956)*Anagyrus subproximus* (Silvestri), Ivory Coast (Risbec 1949)*Anagyrus trinidadensis* (Kerrich), Trinidad & Tobago (Kerrich 1953)*Blepyrus insularis* (Cameron), Nigeria (Kerrich 1967), Togo (Dufour 1991)*Bothriocraera bicolor* Compere & Zinna, Trinidad & Tobago (Compere & Zinna 1955)*Coccidoencyrtus* sp. , Trinidad & Tobago (Entwistle 1972)*Gyranoidea dispar* (Kerrich), Trinidad & Tobago (Kerrich 1953)*Holcencyrtus myrmicoides* (Compere & Zinna), Trinidad & Tobago (Compere & Zinna 1955)*Holcencyrtus* sp. , Trinidad & Tobago (Entwistle 1972)*Leptomastidea ?jeanneli* Mercet, Ghana (Donald 1956)*Leptomastix dactylopii* Howard, Ghana (Donald 1956), Ivory Coast (Risbec 1949), Nigeria (Gregory 1954)*Pseudaphycus ferrisiana* Bennett, Trinidad & Tobago (Bennett 1955)*Pseudaphycus* sp. , Trinidad & Tobago (Entwistle 1972)*Thysanus* sp. , Ghana (Donald 1956)**Hyperparasites:** *Chartocerus ?elongatus* (Girault), Ivory Coast (Risbec 1949)*Cheiloneurus carinatus* Compere, Ghana (Donald 1956)*Prochiloneurus aegyptiacus* (Mercet), Ghana (Donald 1956), Ivory Coast (Risbec 1949)**Predators:** *Chrysopa* sp. , Ghana (Donald 1956), Togo (Dufour 1991)*Coccidiplosis coffeae* (Barnes), Ghana (Donald 1956)*Exochomus flavipes* Thunberg, Ghana (Anon 1953c)*Exochomus melanocephalus* (Zoubkoff), Sri Lanka (Carter 1956)*Exochomus* sp. near *flavipes* Thunberg, Ghana (Donald 1956)*Nephus ornatulus* Korschefsky, Ghana (Donald 1956)*Spalgis epeus* (Westwood), Sri Lanka (Carter 1956)

Spalgis lemolea Druce, Ghana (Donald 1956), Nigeria (Donald 1955b)  
 Triommata coccotroctes Barnes, Ghana (Donald 1956)  
**Tended by:** Ectatomma ruidum (Roger), Trinidad & Tobago (Kirkpatrick 1953b)  
 Lophomyrmex bedoti Emery, Malaysia Sabah (Conway 1971)

### **Formicococcus celtis (Strickland)**

*Synonyms: Planococcoides celtis (Strickland), Planococcus celtis (Strickland), Pseudococcus celtis (Strickland)*

**Status:** no record

**Distribution:** Ghana (Strickland 1947b), Sierra Leone (Attafuah Blencowe & Brunt 1963)

**Primary parasites:** Aenasius martinii (Compere), Ghana (Donald 1956)

### **Formicococcus njalensis (Laing)**

*Synonyms: Formicococcus lamabokensis (Balachowsky & Ferrero), Planococcoides lamabokensis (Balachowsky & Ferrero), Planococcoides njalensis (Laing), Planococcus lamabokensis Balachowsky & Ferrero, Pseudococcus exhibitialis Laing*

**Status:** branch feeder, fruit feeder, shoot feeder

**Distribution:** Cameroon (Entwistle 1972), Central African Republic (Boulard 1967), Dahomey (Box 1944), Ghana (Strickland 1947a), Ivory Coast (Alibert 1951), Liberia (Entwistle 1972), Nigeria (Sutherland 1953), Sao Tome & Principe (Passos de Carvalho 1968), Sierra Leone (Hargreaves, E. 1937), Togo (Hall 1945), Togo (Nguyen-Ban 1984), Zaire (De Lotto 1964)

**Primary parasites:** ?Trichomasthus sp. , Ghana (Donald 1956)

Aenasius abengouroui (Risbec), Ghana (Ackonor & Mordjifa 1999), Ivory Coast (Risbec 1949), Togo (Dufour 1991)

Aenasius insularis Compere, Togo (Dufour 1991)

Aenasius martinii (Compere), Ghana (Donald 1956), Ivory Coast (Risbec 1955), Nigeria (Gregory 1954)

Allothrombium sp. , Ghana (Donald 1956)

Allotropa ?loundsburyi Ashmead, Ghana (Donald 1956)

Allotropa magnini Risbec, Ivory Coast (Risbec 1955)

Anagyrus ?aurantifrons Compere, Ghana (Donald 1956)

Anagyrus amoenus Compere, Ghana (Ackonor & Mordjifa 1999)

Anagyrus beneficiens Compere, Ghana (Donald 1956)

Anagyrus kivuensis Compere, Ivory Coast (Risbec 1955), Togo (Dufour 1991)

Anagyrus pullus Compere, Ghana (Donald 1956)

Anagyrus sp near beneficiens Compere, Ghana (Donald 1956)

Clausenia confusor Kerrich, Ghana (Kerrich 1967), Nigeria (Kerrich 1967)

Clausenia guineensis Kerrich, Ghana (Kerrich 1967), Nigeria (Kerrich 1967)

Clausenia sp. , Ghana (Donald 1956)

Cryptochetum sp. , Ghana (Ackonor & Mordjifa 1999)

Encyrtus aurantii (Geoffroy), Ghana (Donald 1956)

Leptomastix dactylopii Howard, Ghana (Donald 1956), Ivory Coast (Risbec 1949), Nigeria (Gregory 1954), Togo (Dufour 1991)

Paratetracnemoidea sp. , Ghana (Donald 1956)

Promuscidea ?laticeps (Waterston), Ghana (Donald 1956)

Pseudaphycus angelicus (Howard), Ghana (Anon 1953b)

Tropidophryne africana Compere, Ivory Coast (Risbec 1955), Togo (Dufour 1991)

Tropidophryne melvillei Compere, Ghana (Donald 1956)

**Hyperparasites:** Chartocerus ?elongatus (Girault), Ivory Coast (Risbec 1949)

Cheiloneurus carinatus Compere, Ghana (Donald 1956), Ivory Coast (Risbec 1955), Togo (Dufour 1991)

Coccidoctonus pseudococci (Risbec), Ghana (Ackonor & Mordjifa 1999)

Prochiloneurus aegyptiacus (Mercet), Ghana (Donald 1956)

**Predators:** Aslauga vininga Heinrich, Ghana (Donald 1956), Nigeria (Donald 1955b)

Chrysopa sp. , Togo (Dufour 1991)

Coccodiplosis coffeae (Barnes), Ghana (Ackonor & Mordjifa 1999), Togo (Dufour 1991)

Hyperaspis egregia Mader, Ghana (Ackonor 1997)

Odontomachus haematodus (Linnaeus), Ghana (Evans & Leston 1971)

Platynaspis higginsii Crotch, Ghana (Donald 1956), Nigeria (Donald 1955b), Togo (Dufour 1991)

Scymnus kibonotensis Weise, Ghana (Donald 1956)

Scymnus sp. , Ghana (Ackonor 1997), Ghana (Donald 1956)

**Tended by:** Camponotus acvapimensis Mayr, Togo (Nguyen-Ban 1984)

Camponotus sp. , Ivory Coast (Babacauh 1982)

Crematogaster ?kneri Mayr, Ghana (Strickland 1947a)



Crematogaster africana Mayr, Ghana (Strickland 1947a)  
 Crematogaster castanea F.Smith, Ghana (Campbell 1984)  
 Crematogaster cuviera Donisthorpe, Ghana (Strickland 1947a)  
 Crematogaster luctans Forel, Ghana (Strickland 1947a), Nigeria (Entwistle 1972)  
 Crematogaster sp. , Ivory Coast (Babacauh 1982), Togo (Nguyen-Ban 1984)  
 Crematogaster stadelmanni Mayr, Ghana (Strickland 1947a)  
 Crematogaster striatula Emery, Ghana (Strickland 1947a), Nigeria (Entwistle 1972)  
 Crematogaster wellmani Forel, Ghana (Strickland 1947a)  
 Lepisiota incisa (Forel), Ghana (Strickland 1951)  
 Meranoplus nanus E.Andre, Ghana (Strickland 1947a)  
 Monomorium pharaonis (Linnaeus), Ghana (Strickland 1947a)  
 Oecophylla longinoda (Latreille), Ivory Coast (Risbec 1955), Togo (Nguyen-Ban 1984)  
 Paedalgus termitolestes Wheeler, Ghana (Strickland 1951)  
 Pheidole megacephala (Fabricius), Ghana (Strickland 1951), Ivory Coast (Babacauh 1982)

### **Geococcus coffeae Green**

**Status:** root feeder

**Distribution:** Ghana (Strickland 1947a), Nigeria (Donald 1955a)

### **Heliococcus sp.**

**Status:** no record

**Distribution:** Nigeria (Donald 1955b)

### **Hopefoldia catherineae Foldi**

**Status:** leaf feeder

**Distribution:** Brazil (Williams & Granara de Willink 1992)

### **Hordeolicoccus nephelii (Takahashi)**

**Status:** no record

**Distribution:** Malaysia (Williams 2004)

### **Laingiococcus painei (Laing)**

**Status:** no record

**Distribution:** Solomon Is (Williams & Watson 1988b)

### **Laminicoccus vitiensis (Green & Laing)**

*Synonyms: Laminicoccus cocois Williams*

**Status:** no record

**Distribution:** Solomon Is (Lever 1968)

### **Maconellicoccus hirsutus (Green)**

*Synonyms: Spilococcus perforatus De Lotto*

**Status:** bud feeder

**Distribution:** Grenada (Cock 2002), Indonesia Java (Kalshoven 1950-51), Malaysia (Williams 2004), Papua New Guinea (Szent-Ivany & Dun 1964), Sri Lanka (Williams 2004), Tanzania (De Lotto 1964), Tanzania Zanzibar (De Lotto 1964)

**Primary parasites:** Anagyrus kamali Moursi, Grenada (Cock 2002)

### **Maconellicoccus multipori (Takahashi)**

**Status:** no record

**Distribution:** Malaysia (Williams 2004)

### **Maconellicoccus ugandae (Laing)**

*Synonyms: Pseudococcus ugandae Laing*

**Status:** no record

**Distribution:** Ghana (Campbell 1983), Togo (Dufour 1991)

**Primary parasites:** Anagyrus ?subproximus (Silvestri), Ghana (Donald 1956)

Anagyrus abyssinicus Compere, Ghana (Donald 1956)

Anagyrus kivuensis Compere, Togo (Dufour 1991)

Anagyrus sp. , Togo (Dufour 1991)

Anagyrus sp. near abyssinicus Compere, Ghana (Donald 1956)

**Predators:** Neodiscodes abengouroui (Risbec), Togo (Dufour 1991)

**Maculicoccus malaitensis (Cockerell)****Status:** no record**Distribution:** Solomon Is (Lever 1968)**Tended by:** *Oecophylla smaragdina* (Fabricius), Solomon Is. (Williams 1960a)**Mutabilicoccus sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Tended by:** *Oecophylla smaragdina* (Fabricius), Papua New Guinea (Szent-Ivany & Dun 1964)**Mutabilicoccus vanheurni (Reyne)****Status:** no record**Distribution:** Papua New Guinea (Williams & Watson 1988b)**Neochavesia trinidadensis (Beardsley)****Status:** root feeder**Distribution:** Trinidad & Tobago (Beardsley 1970)**Nipaecoccus guazumae (Balachowsky)****Status:** branch feeder, leaf feeder, shoot feeder**Distribution:** Colombia (Kondo Portilla & Navarro 2008), Venezuela (Williams & Granara de Willink 1992)**Nipaecoccus jonmartini Williams & Granara de Willink****Status:** no record**Distribution:** Colombia (Williams & Granara de Willink 1992)**Nipaecoccus kuduyaricus Williams & Granara de Willink****Status:** no record**Distribution:** Colombia (Williams & Granara de Willink 1992)**Nipaecoccus neogaeus Williams & Granara de Willink****Status:** flower feeder, fruit feeder**Distribution:** Brazil (Williams & Granara de Willink 1992), Colombia (Williams & Granara de Willink 1992)**Tended by:** *Wasmannia auropunctata* (Roger), Colombia (Kondo Portilla & Navarro 2008)**Nipaecoccus nipae (Maskell)****Status:** no record**Distribution:** Colombia (Williams & Granara de Willink 1992), Costa Rica (Williams & Granara de Willink 1992), Dominican Republic (Schmutterer 1990), Ecuador (Williams & Granara de Willink 1992), Grenada (Williams & Granara de Willink 1992), Nicaragua (Williams & Granara de Willink 1992), St Lucia (Williams & Granara de Willink 1992), Trinidad & Tobago (Bennett 1955)**Primary parasites:** *Pseudaphycus utilis* Timberlake, Trinidad & Tobago (Bennett 1955)**Tended by:** *Paratrechina* sp. , Colombia (Kondo Portilla & Navarro 2008)**Nipaecoccus pitkini Williams & Granara de Willink****Status:** no record**Distribution:** Trinidad & Tobago (Williams & Granara de Willink 1992)**Nipaecoccus viridis (Newstead)***Synonyms:* *Nipaecoccus vastator* Maskell, *Pseudococcus perniciosus* Newstead**Status:** no record**Distribution:** China (Li Wang & Waterhouse 1997), Kenya (Anderson 1924), Taiwan (Li Wang & Waterhouse 1997)**Paraputo anomalus (Newstead)***Synonyms:* *Paraputo multispinosa* James, *Paraputo ritchei* Laing**Status:** stem/trunk feeder**Distribution:** Ghana (Strickland 1947a)**Primary parasites:** *Pseudaphycus* ?*prosopidis* Timberlake, Ghana (Donald 1956)**Paraputo loranthi (Strickland)***Synonyms:* *Cataenococcus loranthi* (Strickland), *Farinococcus loranthi* (Strickland)**Status:** fruit feeder

**Distribution:** Ghana (Strickland 1947a)

### **Phenacoccus hargreavesi (Laing)**

*Synonyms:* *Pseudococcus bukobensis* Laing, *Pseudococcus hargreavesi* Laing

**Status:** branch feeder, shoot feeder

**Distribution:** Ghana (Strickland 1947a), Ivory Coast (Alibert 1951), Nigeria (Donald 1955a), Sierra Leone (Attafuah Blencowe & Brunt 1963), Togo (Nguyen-Ban 1984)

**Primary parasites:** *Aenasius martinii* (Compere), Nigeria (Gregory 1954)

*Coccophagus* sp. near *eleophilus* Silvestri, Ghana (Donald 1956)

*Leptomastix dactylopii* Howard, Ghana (Donald 1956), Nigeria (Gregory 1954)

*Metaphycus* sp. , Ghana (Donald 1956)

**Hyperparasites:** *Cheiloneurus carinatus* Compere, Ghana (Donald 1956)

**Predators:** *Coccodiplosis coffeae* (Barnes), Ghana (Donald 1956)

*Megommata donaldi* (Pritchard), Ghana (Pritchard 1952)

**Tended by:** *Camponotus* sp. , Ghana (Strickland 1947a)

*Crematogaster* sp. , Ghana (Strickland 1947a)

*Oecophylla longinoda* (Latreille), Ivory Coast (Couturier Matile-Ferrero & Richard 1985)

*Pheidole* sp. , Ghana (Strickland 1947a)

### **Phenacoccus madeirensis Green**

**Status:** no record

**Distribution:** Ghana (Donald 1956)

**Primary parasites:** *Leptomastix dactylopii* Howard, Ghana (Donald 1956)

**Hyperparasites:** *Cheiloneurus carinatus* Compere, Ghana (Donald 1956)

**Predators:** *Nephus ornatulus* Korschefsky, Ghana (Donald 1956)

*Spalgis lemolea* Druce, Ghana (Donald 1956), Nigeria (Donald 1955b)

### **Planococcus boafoensis (Strickland)**

*Synonyms:* *Tylococcus boafoensis* Strickland

**Status:** no record

**Distribution:** Ghana (Strickland 1947b)

### **Planococcus citri (Risso)**

**Status:** branch feeder, fruit feeder, shoot feeder

**Distribution:** Brazil (Bondar 1939a), Colombia (Kondo Portilla & Navarro 2008), Cook Is (Williams & Watson 1988b), Costa Rica (Weber 1957), Cuba (Blanco Perez & Rodriguez 2003), Dominican Republic (Wolcott 1922), Ghana (Strickland 1947a), Grenada (Ballou 1915), Guyana (Bodkin 1914), India (Ramakrishna Ayyar 1919), Indonesia Java (Van der Knaap 1952), Indonesia West Irian (Schreurs & Simon-Thomas 1961), Ivory Coast (Alibert 1951), Malaysia Sabah (Conway 1971), Nigeria (Donald 1955a), Papua New Guinea (Szent-Ivany 1961), Peru (Wille 1952), Sao Tome & Principe (De Seabra & Vayssiere 1918), Sierra Leone (Attafuah Blencowe & Brunt 1963), Solomon Is (Lever 1968), Sri Lanka (Carter 1956), Sudan (Schmutterer 1969), Tanzania (De Lotto 1964), Tanzania Zanzibar (De Lotto 1964), Togo (Dufour 1988), Trinidad & Tobago (Kirkpatrick 1953b), Western Samoa (Demandt 1914), Zaire (Mayne & Ghesquiere 1934)

**Primary parasites:** *Aenasius abengouroui* (Risbec), Ghana (Ackonor 2002), Togo (Dufour 1991)

*Aenasius martinii* (Compere), Ghana (Donald 1956), Nigeria (Donald 1955b)

*Allothrombium* sp. , Ghana (Donald 1956)

*Anagyrus ?aurantifrons* Compere, Ghana (Donald 1956)

*Anagyrus ?greeni* Howard, Ghana (Donald 1956)

*Anagyrus abyssinicus* Compere, Ghana (Donald 1956)

*Anagyrus amoenus* Compere, Ghana (Ackonor 2002)

*Anagyrus beneficiens* Compere, Ghana (Donald 1956)

*Anagyrus kivuensis* Compere, Togo (Dufour 1991)

*Anagyrus pullus* Compere, Ghana (Donald 1956)

*Anagyrus* sp. , Togo (Dufour 1991)

*Clausenia confusor* Kerrich, Nigeria (Kerrich 1967)

*Clausenia* sp. , Ghana (Donald 1956)

*Cryptochetum* sp. , Ghana (Ackonor 2002)

*Leptomastidea ?abnormis* (Girault), Ghana (Donald 1956)

*Leptomastix dactylopii* Howard, Ghana (Donald 1956), Togo (Dufour 1991), Trinidad & Tobago (Kerrich 1953)

*Tropidophryne melvillei* Compere, Ghana (Ackonor 2002)

*Zaplatycerus planiscuttelum* De Santis, Trinidad & Tobago (Kerrich 1978)

**Hyperparasites:** *Chartocerus ?elongatus* (Girault), Ivory Coast (Risbec 1949)  
*Cheiloneurus carinatus* Compere, Ghana (Donald 1956), Togo (Dufour 1991)  
*Cheiloneurus* sp. , Togo (Dufour 1991)  
*Cheiloneurus* sp. near *cyanonotus* Waterston, Togo (Dufour 1991)  
*Coccidoctonus pseudococci* (Risbec), Ghana (Ackonor 2002)  
*Coccidoctonus* sp. , Ghana (Donald 1956)  
*Coccidoctonus trinidadensis* Crawford, Trinidad & Tobago (Kerrich 1953)  
*Gahaniella tertia* Kerrich, Trinidad & Tobago (Kerrich 1953)  
*Prochiloneurus aegyptiacus* (Mercet), Ghana (Donald 1956), Ivory Coast (Risbec 1949), Togo (Dufour 1991)  
*Prochiloneurus dactylopii* (Howard), Trinidad & Tobago (Kerrich 1953)  
*Prochiloneurus pulchellus* Silvestri, Togo (Dufour 1991)  
*Prochiloneurus seiini* (Dozier), Trinidad & Tobago (Kerrich 1953)  
**Predators:** *Chrysopa* sp. , Togo (Dufour 1991)  
*Coccidiplosis coffeae* (Barnes), Ghana (Donald 1956)  
*Exochomus melanocephalus* (Zoubkoff), Sri Lanka (Carter 1956)  
*Hyperaspis egregia* Mader, Ghana (Ackonor 2002)  
*Hyperaspis jucunda* (Mulsant), Trinidad & Tobago (Kirkpatrick 1953a)  
*Ocyptamus stenogaster* (Williston), Trinidad & Tobago (Kirkpatrick 1953a)  
*Platynaspis higginsii* Crotch, Ghana (Donald 1956), Nigeria (Donald 1955b)  
*Scymnus* sp. , Ghana (Ackonor 2002), Ghana (Donald 1956), Nigeria (Donald 1955b), Trinidad & Tobago (Kirkpatrick 1953a)  
*Spalgis epeus* (Westwood), Sri Lanka (Carter 1956)  
*Spalgis lemolea* Druce, Nigeria (Donald 1955b)  
**Tended by:** *Camponotus* sp. , Ghana (Strickland 1947a), Malaysia Sabah (Conway 1971)  
*Crematogaster ?kneri* Mayr, Ghana (Strickland 1947a)  
*Crematogaster luctans* Forel, Ghana (Strickland 1947a)  
*Crematogaster* sp. , Ghana (Strickland 1947a)  
*Dolichoderus thoracicus* (F.Smith), Indonesia Java (Paerels 1924)  
*Ectatomma ruidum* (Roger), Costa Rica (Weber 1957)  
*Ectatomma tuberculatum* (Olivier), Costa Rica (Weber 1957)  
*Lophomyrmex bedoti* Emery, Malaysia Sabah (Conway 1971)  
*Oecophylla smaragdina* (Fabricius), Sri Lanka (Fernando 1956)  
*Pheidole megacephala* (Fabricius), Ghana (Campbell 1994)  
*Pheidole* sp. , Ghana (Strickland 1947a)  
*Philidris myrmecodiae* (Emery), Malaysia Sabah (Conway 1971)  
*Solenopsis geminata* (Fabricius), Costa Rica (Weber 1957), Dominican Republic (Wolcott 1922), Trinidad & Tobago (Kirkpatrick 1953b)  
*Solenopsis picea* Emery, Costa Rica (Weber 1957)  
*Tetramorium guineense* (Bernard), Guyana (Crawley 1916)  
*Wasmannia auropunctata* (Roger), Brazil (Delabie & Cazorla 1991)

### **Planococcus ficus (Signoret)**

**Status:** no record

**Distribution:** ?Brazil (Ezzat & McConell 1956)

### **Planococcus flagellatus De Lotto**

**Status:** no record

**Distribution:** Uganda (De Lotto 1961)

### **Planococcus kenyae (Le Pelley)**

*Synonyms:* *Pseudococcus lilacinus* (Zaire) Cockerell

**Status:** no record

**Distribution:** Ghana (Entwistle 1972), Ivory Coast (Couturier Matile-Ferrero & Richard 1985), Nigeria (Browne 1968), Sierra Leone (Attafuah Blencowe & Brunt 1963), Togo (Dufour 1991), Zaire (Mayne & Ghesquiere 1934)

**Primary parasites:** *Aenasius abengouroui* (Risbec), Togo (Dufour 1991)

*Aenasius martinii* (Compere), Nigeria (Donald 1955b)

*Anagyrus kivuensis* Compere, Togo (Dufour 1991)

*Anagyrus* sp. , Togo (Dufour 1991)

*Leptomastix dactylopii* Howard, Nigeria (Entwistle 1972), Togo (Dufour 1991)

**Hyperparasites:** *Cheiloneurus carinatus* Compere, Togo (Dufour 1991)

Cheiloneurus sp. , Togo (Dufour 1991)

Cheiloneurus sp. near cyanonotus Waterston, Togo (Dufour 1991)

Prochiloneurus aegyptiacus (Mercet), Togo (Dufour 1991)

Prochiloneurus pulchellus Silvestri, Togo (Dufour 1991)

**Predators:** Platynaspis higginsii Crotch, Nigeria (Donald 1955b)

**Tended by:** Oecophylla longinoda (Latreille), Ivory Coast (Couturier Matile-Ferrero & Richard 1985)

### **Planococcus lilacinus (Cockerell)**

*Synonyms:* *Planococcus crotonis* (Green), *Planococcus tayabanus* (Cockerell), *Pseudococcus crotonis* Green,

*Pseudococcus tayabanis* Cockerell

**Status:** no record

**Distribution:** Brunei (Williams 2004), India (Ram 1979), Indonesia Java (Roepke 1916b), Indonesia West Irian (Schreurs & Simon-Thomas 1961), Madagascar (Mamet 1959), Malaysia (Khoo Ooi & Ho 1991), Malaysia Sabah (Williams 2004), Papua New Guinea (Szent-Ivany 1961), Philippines (Cockerell 1905), Sri Lanka (Carter 1956)

**Primary parasites:** Anagyrus sp. , Malaysia (Khoo Ooi & Ho 1991)

**Predators:** Exochomus melanocephalus (Zoubkoff), Sri Lanka (Carter 1956)

Scymnus sp. , Malaysia (Khoo Ooi & Ho 1991)

Spalgis epeus (Westwood), Indonesia Java (Paerels 1924), Philippines (Entwistle 1972), Sri Lanka (Carter 1956)

**Tended by:** Dolichoderus thoracicus (F.Smith), Indonesia Java (Paerels 1924), Malaysia (Khoo Ooi & Ho 1991)

Odontomachus haematodus (Linnaeus), Sri Lanka (Fernando 1956)

Oecophylla smaragdina (Fabricius), Malaysia (Khoo Ooi & Ho 1991), Sri Lanka (Fernando 1956)

Technomyrmex albipes (F.Smith), Sri Lanka (Le Pelley 1943)

### **Planococcus minor (Maskell)**

*Synonyms:* *Planococcus pacificus* Cox

**Status:** no record

**Distribution:** Brazil (Williams & Granara de Willink 1992), Brunei (Williams 2004), Colombia (Williams & Granara de Willink 1992), Dominica (Williams & Granara de Willink 1992), Fiji (Williams 1982), Grenada (Williams & Granara de Willink 1992), Guadeloupe (Williams & Granara de Willink 1992), Guyana (Williams & Granara de Willink 1992), Jamaica (Williams & Granara de Willink 1992), Malaysia Sabah (Williams 2004), Malaysia Sarawak (Williams 2004), Myanmar (Morris & Waterhouse 2001), Papua New Guinea (Williams 1982), Singapore (Williams 2004), Solomon Is (Williams 1982), Surinam (Williams & Granara de Willink 1992), Thailand (Williams 2004), Tonga (Williams 1982), Trinidad & Tobago (Williams & Granara de Willink 1992), Vanuatu (Williams 1982), Western Samoa (Williams 1982)

**Tended by:** Anoplolepis gracilipes (F.Smith), Solomon Is. (Williams 1960a)

Oecophylla smaragdina (Fabricius), Solomon Is. (Williams 1960a)

Solenopsis geminata (Fabricius), Papua New Guinea (Entwistle 1972)

Technomyrmex albipes (F.Smith), Papua New Guinea (Williams 1960a), Solomon Islands (Williams 1960a)

### **Planococcus princeps Cox**

**Status:** no record

**Distribution:** Sao Tome & Principe (Cox 1989)

### **Plotococcus neotropicus Williams & Granara de Willink**

**Status:** no record

**Distribution:** Colombia (Williams & Granara de Willink 1992), Cuba (Blanco Perez & Rodriguez 2003)

### **Promyrmococcus wayi Williams**

**Status:** tended by

**Distribution:** Malaysia Sabah (Williams 2004)

**Tended by:** Dolichoderus sp. , Malaysia Sabah (Williams 2004)

### **Pseudococcus calceolariae (Maskell)**

*Synonyms:* *Pseudococcus gahani* Green

**Status:** no record

**Distribution:** Ghana (Campbell 1977)

### **Pseudococcus comstocki (Kuwana)**

**Status:** no record

**Distribution:** Trinidad & Tobago (Kirkpatrick 1953b)

**Pseudococcus concavocerarii James****Status:** fruit feeder, shoot feeder**Distribution:** Ghana (Strickland 1947a), Ivory Coast (Alibert 1951), Nigeria (Donald 1955b), Sierra Leone (Attafuah Blencowe & Brunt 1963)**Primary parasites:** *Allothrombium* sp. , Ghana (Donald 1956)*Clausenia corrugata* Kerrich, Ghana (Kerrich 1967)*Clausenia* sp. near *purpurea* Ishii, Ghana (Donald 1956)*Leptomastix dactylopii* Howard, Ghana (Donald 1956)**Hyperparasites:** *Cheiloneurus carinatus* Compere, Ghana (Donald 1956)**Pseudococcus jackbeardsleyi Gimpel & Miller****Status:** fruit feeder**Distribution:** Colombia (Kondo Portilla & Navarro 2008), Malaysia (Williams 2004)**Tended by:** *Brachymyrmex* sp. , Colombia (Kondo Portilla & Navarro 2008)*Wasmannia auropunctata* (Roger), Colombia (Kondo Portilla & Navarro 2008)**Pseudococcus landoi (Balachowsky)****Status:** no record**Distribution:** Trinidad & Tobago (Williams & Granara de Willink 1992)**Pseudococcus longispinus (Targioni Tozzetti)***Synonyms:* *Dactylopius adonidum* Linnaeus, *Pseudococcus adonidum* (Linnaeus)**Status:** leaf feeder, stem/trunk feeder**Distribution:** China (Li Wang & Waterhouse 1997), Ghana (Anon 1948), Grenada (Williams & Granara de Willink 1992), Indonesia Java (Koningsberger 1908), Nigeria (Lamborn 1914), Papua New Guinea (Williams & Watson 1988b), Sierra Leone (Attafuah Blencowe & Brunt 1963), Taiwan (Li Wang & Waterhouse 1997), Tanzania Zanzibar (De Lotto 1964), Togo (Nguyen-Ban 1984), Trinidad & Tobago (Kirkpatrick 1953b), Vanuatu (Williams & Watson 1988b), Zaire (Mayne & Ghesquiere 1934)**Primary parasites:** *Leptomastix dactylopii* Howard, Ghana (Donald 1956)**Hyperparasites:** *Cheiloneurus carinatus* Compere, Ghana (Donald 1956)**Predators:** *Laemophloeus nebulosus* Grouvelle, Zaire (Mayne & Ghesquiere 1934)*Leptophloeus janeti* (Grouvelle), Zaire (Mayne & Ghesquiere 1934)*Nephus ornatulus* Korschefsky, Ghana (Donald 1956)*Spalgis lemolea* Druce, Ghana (Donald 1956)**Pseudococcus occiduus De Lotto****Status:** no record**Distribution:** Uganda (De Lotto 1964)**Pseudococcus solomonensis Williams****Status:** fruit feeder**Distribution:** Solomon Is (Lever 1968)**Tended by:** *Technomyrmex albipes* (F. Smith), Solomon Islands (Williams 1960a)**Pseudococcus sp.****Status:** no record**Distribution:** Dominican Republic (Russo 1927), Grenada (Williams 1922), Papua New Guinea (Szent-Ivany & Dun 1964), Uganda (Small 1915), Vanuatu (Risbec 1937)**Pseudococcus sp. near calceolariae (Maskell)***Synonyms:* *Pseudococcus* sp. near *gahani* Green**Status:** no record**Distribution:** Ghana (Donald 1956), Nigeria (Donald 1955b)**Primary parasites:** *Leptomastix dactylopii* Howard, Ghana (Donald 1956)**Hyperparasites:** *Cheiloneurus carinatus* Compere, Ghana (Donald 1956)**Pseudococcus sp. near comstocki (Kuwana)****Status:** no record**Distribution:** Trinidad & Tobago (Kirkpatrick 1953b)

**Pseudococcus viburni (Signoret)****Status:** no record**Distribution:** No locality (Gimpel & Miller 1996)**Pseudorhizoecus proximus Green****Status:** root feeder**Distribution:** Costa Rica (Williams & Granara de Willink 1992)**Puto barberi (Cockerell)****Status:** no record**Distribution:** Trinidad & Tobago (Kirkpatrick 1953b)**Primary parasites:** *Zarhopalus putophilus* Bennett, Trinidad & Tobago (Trjapitzin Bennett & Ruiz-Cancino 2004)**Hyperparasites:** *Prochiloneurus dactylopii* (Howard), Trinidad & Tobago (Trjapitzin Bennett & Ruiz-Cancino 2004)**Tended by:** *Wasmannia auropunctata* (Roger), Trinidad & Tobago (Kirkpatrick 1953b)**Rastrococcus iceryoides (Green)***Synonyms: Phenacoccus iceryoides Green***Status:** fruit feeder, shoot feeder**Distribution:** India (Abraham & Padmanaban 1967), Malaysia W. Malaysia (Miller 1941), Tanzania (Williams 1989)**Tended by:** *Anoplolepis gracilipes* (F. Smith), Malaysia (Miller 1941)*Oecophylla smaragdina* (Fabricius), India (Abraham & Padmanaban 1967)**Rastrococcus spinosus (Robinson)****Status:** leaf feeder**Distribution:** Malaysia (Khoo Ooi & Ho 1991)**Predators:** *Scymnus* sp. , Malaysia (Khoo Ooi & Ho 1991)**Tended by:** *Oecophylla smaragdina* (Fabricius), Malaysia (Khoo Ooi & Ho 1991)**Rhizoecus falcifer Kunckel d'Herculis***Synonyms: Rhizoecus moruliferus Green***Status:** root feeder**Distribution:** Trinidad & Tobago (Strickland 1945)**Tended by:** *Acropyga* sp. , Trinidad & Tobago (Strickland 1945)**Rhizoecus spelaeus (Strickland)***Synonyms: Coccidella spelaea Strickland***Status:** root feeder**Distribution:** Ghana (Strickland 1947a)**Saccharicoccus sacchari (Cockerell)****Status:** no record**Distribution:** Cuba (Blanco Perez & Rodriguez 2003)**Tylococcus westwoodi Strickland****Status:** fruit feeder**Distribution:** Ghana (Strickland 1947a), Ivory Coast (Risbec 1955), Togo (Dufour 1991)**Tended by:** *Crematogaster stadelmanni* Mayr, Ghana (Campbell 1983)*Oecophylla longinoda* (Latreille), Ivory Coast (Risbec 1955)**HOMOPTERA PSYLLIDAE****Diclidophlebia sp.****Status:** no record**Distribution:** Nigeria (Booker 1968)**Mesohomotoma tessmanni (Aulmann)***Synonyms: Tyora tessmanni Aulmann, Udamostigma tessmanni Aulmann***Status:** flower feeder, fruit feeder, leaf feeder, shoot feeder

**Distribution:** Cameroon (Mayne & Ghesquiere 1934), Central African Republic (Boulard 1967), Equatorial Guinea Bioko (Cotterell 1930b), Gabon (Mayne & Ghesquiere 1934), Ghana (Lodos 1968a), Ivory Coast (Alibert 1951), Nigeria (Entwistle 1962), Sao Tome & Principe (Cotterell 1930b), Sierra Leone (Hargreaves, E. 1927), Zaire (Mayne & Ghesquiere 1934)

**Primary parasites:** *Aloxysta* sp. , Ghana (Lodos 1968c)

*Dilyta camerounensis* Tamesse & Tiyo, Cameroon (Tamesse & Tiyo 2007)

*Psyllaephagus ?cellulatus* Waterston, Ghana (Lodos 1968c)

*Psyllaephagus tessmannii* (Tamesse & Tiyo), Cameroon (Tamesse & Tiyo 2007)

**Predators:** *Allobaccha picta* (Wiedemann), Ghana (Cotterell 1927c)

*Allobaccha praeusta* (Bezzi), Ghana (Cotterell 1927c)

*Allobaccha sinuata* (Brunetti), Ghana (Cotterell 1927c)

*Cheilomenes sulphurea* (Olivier), Sao Tome & Principe (Entwistle 1972)

*Chrysopa* sp. , Ghana (Lodos 1968c)

*Crematogaster clariventris* (Mayr), Ghana (Firempong 1976)

*Deraeocoris crigi* Gibbs & Leston, Ghana (Lodos 1968c)

**Tended by:** *Wasmannia auropunctata* (Roger), Cameroon (Bruneau De Mire 1969)

### **Phacoptera sp.**

**Status:** flower feeder, leaf feeder, shoot feeder

**Distribution:** Zaire (Mayne & Ghesquiere 1934)

## **HOMOPTERA RICANIIDAE**

### **Armacia basigera (Walker)**

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

### **Armacia sp.**

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

### **Euricania discigutta var. bisignata Melichar**

**Status:** no record

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

### **Euricania discigutta var. villica (Stal)**

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

### **Euricania morio Melichar**

**Status:** no record

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

### **Euricania sp.**

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

### **Euricania sp. near morio Melichar**

**Status:** no record

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

### **Euricania splendida Fabricius**

**Status:** no record

**Distribution:** Papua New Guinea (Anon 1969)

### **Euricania tibialis (Walker)**

**Status:** no record

**Distribution:** Solomon Is (Lever 1968)

### **Mesoricania ordinata (Melichar)**

**Status:** no record

**Distribution:** Ghana (Anon 1964a)



**Pocharista conradti Schmidt****Status:** no record**Distribution:** Ghana (Majer 1975)**Pochazia antica (Gray)***Synonyms: Pochazia fuscata Fabricius***Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Pochazia fasciata (Fabricius)****Status:** no record**Distribution:** Ghana (Anon 1964a), Nigeria (Golding 1941a), Zaire (Mayne & Ghesquiere 1934)**Ricania cervina Melichar***Synonyms: Ricania mediana Melichar***Status:** leaf feeder**Distribution:** Ghana (Anon 1964a)**Primary parasites:** Lathromeroides sp. , Ghana (Lodos 1968c)

Telenomus sp. , Ghana (Lodos 1968c)

Trichogramma sp. , Ghana (Lodos 1968c)

**Ricania insularis Lallemand****Status:** no record**Distribution:** Sao Tome & Principe (Olmí 1973)**Primary parasites:** Dryinus afer (Olmí), Sao Tome & Principe (Olmí 1973)**Ricania marginalis Walker****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Ricania mellerborgi Stal****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Ricania speculum (Walker)****Status:** no record**Distribution:** China (Li Wang & Waterhouse 1997)**Ricania sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Ricanopsis nebulosa (Fabricius)****Status:** fruit feeder**Distribution:** Ghana (Lodos 1968c)**Ricanopsis radiata Melichar****Status:** no record**Distribution:** Ghana (Anon 1964a)**Ricanopsis semihyalina Melichar****Status:** fruit feeder**Distribution:** Ghana (Anon 1964a)**Ricanopsis unipunctata Schmidt****Status:** no record**Distribution:** Ghana (Anon 1964a)**Ricanula guineensis Kirkaldy****Status:** no record**Distribution:** Ghana (Anon 1964a)

**Ricanula horvathi (Melichar)****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Ricanula integra flavida (Melichar)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Ricanula puncticosta (Walker)****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Tarundia sp.****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**HOMOPTERA STICTOCOCCIDAE****Parastictococcus anonae (Green & Laing)****Status:** shoot feeder**Distribution:** Ivory Coast (Richard 1971)**Tended by:** *Oecophylla longinoda* (Latreille), Ivory Coast (Couturier Matile-Ferrero & Richard 1985)**Parastictococcus gowdeyi (Newstead)***Synonyms:* *Stictococcus gowdeyi* Newstead**Status:** shoot feeder**Distribution:** Cameroon (Alibert 1951), Ghana (Cotterell 1927a), Ivory Coast (Alibert 1951), Nigeria (Newstead 1917), Uganda (Gowdey 1918b), Zaire (Mayne & Ghesquiere 1934)**Primary parasites:** *Aethognathus bicolor* Subba Rao, Nigeria (Subba Rao 1973)*Aethognathus unicolor* Subba Rao, Nigeria (Subba Rao 1973)*Aprostocetus ugandaensis* (Girault), Uganda (Gowdey 1918b)*Coccophagus cowperi* Girault, Uganda (Gowdey 1918b)**Tended by:** *Crematogaster* sp., Ivory Coast (Couturier Matile-Ferrero & Richard 1985), Zaire (Mayne & Ghesquiere 1934)*Oecophylla longinoda* (Latreille), Ivory Coast (Couturier Matile-Ferrero & Richard 1985), Nigeria (Newstead 1917), Zaire (Mayne & Ghesquiere 1934)*Tetraponera* sp., Zaire (Mayne & Ghesquiere 1934)**Parastictococcus hargreavesi (Vayssiere)****Status:** shoot feeder**Distribution:** Ghana (Campbell 1983), Ivory Coast (Couturier Matile-Ferrero & Richard 1985)**Tended by:** *Oecophylla longinoda* (Latreille), Ivory Coast (Couturier Matile-Ferrero & Richard 1985)**Parastictococcus multispinosus (Newstead)***Synonyms:* *Stictococcus aliberti* Vayssiere, *Stictococcus dimorphus* Newstead, *Stictococcus diversiseta* Silvestri, *Stictococcus multispinosus* Newstead**Status:** shoot feeder**Distribution:** Cameroon (Entwistle 1972), Dahomey (Silvestri 1915), Ghana (Waterston 1917), Ivory Coast (Alibert 1951), Ivory Coast (Couturier Matile-Ferrero & Richard 1985), Nigeria (Lamborn 1914), Tanzania (Alibert 1951), Togo (Alibert 1951), Uganda (Gowdey 1912)**Primary parasites:** *Aethognathus afer* Silvestri, Ghana (Waterston 1917)*Aethognathus cavilabris* Waterston, Uganda (Waterston 1917)*Aprostocetus stictococci* (Silvestri), Dahomey (Silvestri 1915)**Predators:** *Coccidiphaga scitula* (Rambur), Nigeria (Lamborn 1914)*Eublemma costimacula* (Saalmuller), Uganda (Gowdey 1913)**Tended by:** *Oecophylla longinoda* (Latreille), Ivory Coast (Couturier Matile-Ferrero & Richard 1985), Nigeria (Lamborn 1914)

**Parastictococcus mutatus Richard****Status:** shoot feeder**Distribution:** Nigeria (Richard 1976)**Stictococcus formicarius Newstead****Status:** fruit feeder, shoot feeder**Distribution:** Zaire (Mayne & Ghesquiere 1934)**Tended by:** Crematogaster sp. , Zaire (Mayne & Ghesquiere 1934)

Oecophylla longinoda (Latreille), Zaire (Mayne &amp; Ghesquiere 1934)

Tetraponera sp. , Zaire (Mayne &amp; Ghesquiere 1934)

**Stictococcus intermedius Newstead****Status:** shoot feeder**Distribution:** Ghana (Newstead 1917), Ivory Coast (Alibert 1951)**Stictococcus sjostedti Cockerell****Status:** branch feeder, fruit feeder, shoot feeder**Distribution:** Cameroon (Strickland 1947a), Dahomey (Alibert 1951), Gabon (Alibert 1951), Ghana (Strickland 1947a), Ivory Coast (Alibert 1951), Nigeria (Lamborn 1914), Togo (Strickland 1947a), Zaire (Mayne & Ghesquiere 1934)**Predators:** Eublemma ochrochroa Hampson, Nigeria (Lamborn 1914)

Russograptis callopista (Durrant), Nigeria (Lamborn 1914)

**Tended by:** Crematogaster clariventris (Mayr), Ghana (Campbell 1994)

Crematogaster sp. , Ghana (Strickland 1947a), Zaire (Mayne &amp; Ghesquiere 1934)

Odontomachus haematodus (Linnaeus), Ghana (Evans &amp; Leston 1971)

Oecophylla longinoda (Latreille), Ghana (Campbell 1984), Nigeria (Lamborn 1914), Zaire (Mayne &amp; Ghesquiere 1934)

Pheidole sp. , Ghana (Strickland 1947a)

Tetraponera sp. , Zaire (Mayne &amp; Ghesquiere 1934)

**Stictococcus sp.****Status:** leaf feeder**Distribution:** Central African Republic (Boulard 1967), Equatorial Guinea Bioko (Cotterell 1930a), Ghana (Cotterell 1927a)**HOMOPTERA TETTIGOMETRIDAE****Hilda sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Hilda undata (Walker)****Status:** no record**Distribution:** Ghana (Anon 1964a)**HOMOPTERA TROPIDUCHIDAE****Alcestis ingens Fennah****Status:** leaf feeder**Distribution:** Brazil (Fennah 1982)**Mulucha variegata Muir****Status:** no record**Distribution:** Ghana (Anon 1964a)**Neorudia proxima (Fowler)****Status:** no record**Distribution:** Costa Rica (Weber 1957)

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**Numicia taenia (Fabricius)****Status:** no record**Distribution:** Ghana (Anon 1964a)**Tropiduchus asterco Fennah****Status:** no record**Distribution:** Ghana (Majer 1975)

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## HYMENOPTERA APHELINIDAE

### **Coccophagus cowperi Girault**

*Synonyms: Coccophagus comperei (Gowdey 1918b)*

**Status:** parasite

**Distribution:** Uganda (Gowdey 1918b)

**Primary parasite of:** *Parastictococcus gowdeyi* (Newstead), Uganda (Gowdey 1918b)

### **Coccophagus sp. near *eleaphilus* Silvestri**

**Status:** parasite

**Distribution:** Ghana (Donald 1956)

**Primary parasite of:** *Phenacoccus hargreavesi* (Laing), Ghana (Donald 1956)

### **Encarsia citrina (Craw)**

*Synonyms: Aspiditiphagus citrinus (Crawford)*

**Status:** parasite

**Distribution:** Sao Tome & Principe (Castel-Branco 1958), Sao Tome & Principe (Castel-Branco 1971)

**Primary parasite of:** *Aspidiotus destructor* Signoret, Sao Tome & Principe (Castel-Branco 1958)

*Asterolecanium pustulans princeps* Castel Branco, Sao Tome & Principe (Castel-Branco 1971)

### **Promuscidea ?*laticeps* (Waterston)**

*Synonyms: Eriaporus ?laticeps Waterston*

**Status:** hyperparasite, parasite

**Distribution:** Ghana (Donald 1956)

**Primary parasite of:** *Formicococcus njalensis* (Laing), Ghana (Donald 1956)

### **Pterotrix parvipennis (Gahan)**

*Synonyms: Casca parvipennis Gahan*

**Status:** parasite

**Distribution:** Sao Tome & Principe (Castel-Branco 1958)

**Primary parasite of:** *Aspidiotus destructor* Signoret, Sao Tome & Principe (Castel-Branco 1958)

## HYMENOPTERA APIDAE

### **Euglossa sp.**

**Status:** fruit feeder

**Distribution:** Costa Rica (Young 1986b)

### **Trigona hyalinata (Lepeletier)**

**Status:** fruit feeder

**Distribution:** Surinam (Van Dinther 1960)

## HYMENOPTERA BETHYLIDAE

### **Cephalonomia gallicola (Ashmead)**

**Status:** parasite

**Distribution:** Colombia (Cabal-Concha 1956)

**Primary parasite of:** *Araecerus coffeae* Fabricius, Colombia (Cabal-Concha 1956)

### **Holepyris hawaiiensis (Ashmead)**

**Status:** parasite

**Distribution:** Nigeria (Mejule & Onyuike 1979)

**Primary parasite of:** Not recorded -, Nigeria (Mejule & Onyuike 1979)

### **Plastanoxus sp.**

**Status:** parasite

**Distribution:** Colombia (Cabal-Concha 1956)

**Primary parasite of:** *Araecerus coffeae* Fabricius, Colombia (Cabal-Concha 1956)

**Pristocera rufa Kieffer****Status:** parasite**Distribution:** Papua New Guinea (Baker 1976b)**Primary parasite of:** Pantorhytes szentivanyi Marshall, Papua New Guinea (Baker 1976b)**Propristocera sp.****Status:** parasite**Distribution:** Papua New Guinea (Entwistle 1972)**Primary parasite of:** Pantorhytes szentivanyi Marshall, Papua New Guinea (Entwistle 1972)**HYMENOPTERA BRACONIDAE****Acrocerilia pachynervis Van Achterberg****Status:** parasite**Distribution:** Philippines (Van Achterberg 1989)**Primary parasite of:** Conopomorpha cramerella (Snellen), Philippines (Van Achterberg 1989)**Agathis sp.****Status:** parasite**Distribution:** Ghana (Smith 1965)**Primary parasites:** Pediobius minimus Delucchi, Ghana (Akotoye 1975)**Primary parasite of:** Characoma stictigrapta Hampson, Ghana (Smith 1965)**Aleiodes sp.***Synonyms:* Rogas sp.**Status:** parasite**Distribution:** Ghana (Smith 1965), India (Ramaseshiah & Bali 1987), Indonesia Java (Entwistle 1972)**Primary parasite of:** Anomis leona Schaus, Ghana (Smith 1965)

Euproctis xanthomelaena Holland, Ghana (Smith 1965)

Lymantria ampla (Walker), India (Ramaseshiah &amp; Bali 1987)

Setora nitens Walker, Indonesia Java (Entwistle 1972)

**Aleiodes sp. near pallidator (Thunberg)***Synonyms:* Rogas sp. near pallidor Hubner**Status:** parasite**Distribution:** Ghana (Smith 1965)**Primary parasite of:** Cleora sp. , Ghana (Smith 1965)**Amicrocentrum sp.****Status:** parasite**Distribution:** Ghana (Entwistle 1972)**Primary parasite of:** Eulophonotus myrmeleon (Felder), Ghana (Entwistle 1972)**Amyosoma leuzerae Rohwer***Synonyms:* Bracon zeuzerae (Fahringer)**Status:** parasite**Distribution:** Indonesia Java (Kalshoven 1950-51)**Primary parasite of:** Zeuzera coffeae Nietner, Indonesia Java (Kalshoven 1950-51)**Apanteles (ater group) sp.****Status:** parasite**Distribution:** Nigeria (Entwistle 1972)**Primary parasite of:** Earias biplaga Walker, Nigeria (Entwistle 1972)**Apanteles (glomeratus group) sp.****Status:** parasite**Distribution:** India (Ramaseshiah & Bali 1987)**Primary parasite of:** Lymantria ampla (Walker), India (Ramaseshiah & Bali 1987)

**Apanteles (grandiculus group) sp.****Status:** parasite**Distribution:** Papua New Guinea (Bourke et al 1971)**Primary parasite of:** *Carmenta chrysophanes* (Meyrick), Papua New Guinea (Bourke et al 1971)**Apanteles (ultor group) sp.****Status:** parasite**Distribution:** Nigeria (Entwistle 1969)**Primary parasite of:** *Earias biplaga* Walker, Nigeria (Entwistle 1969)**Apanteles araeceri Wilkinson****Status:** parasite**Distribution:** Indonesia Java (Wilkinson 1928)**Primary parasite of:** *Araecerus coffeae* Fabricius, Indonesia Java (Wilkinson 1928)**Apanteles biplagae Fischer****Status:** parasite**Distribution:** Ivory Coast (Nguyen-Ban 1968)**Primary parasite of:** *Earias biplaga* Walker, Ivory Coast (Nguyen-Ban 1968)**Apanteles cacao Wilkinson****Status:** parasite**Distribution:** Sri Lanka (Senior-White 1919)**Primary parasite of:** *Lymantria ampla* (Walker), Sri Lanka (Senior-White 1919)**Apanteles carterus Walker****Status:** parasite**Distribution:** Ivory Coast (Alibert 1951)**Primary parasite of:** *Earias biplaga* Walker, Ivory Coast (Alibert 1951)**Apanteles colemani Vierick****Status:** parasite**Distribution:** India (Wilkinson 1928)**Primary parasite of:** *Orgyia postica* (Walker), India (Wilkinson 1928)**Apanteles diparopsidis Lyle****Status:** parasite**Distribution:** Ghana (Smith 1965), Uganda (Alibert 1951)**Primary parasite of:** *Earias biplaga* Walker, Uganda (Alibert 1951)*Hypokopelates eleala* Hewitson, Ghana (Smith 1965)**Apanteles obliquae Wilkinson****Status:** parasite**Distribution:** India (Ramaseshiah & Bali 1987)**Primary parasite of:** *Lymantria ampla* (Walker), India (Ramaseshiah & Bali 1987)**Apanteles parasae Rohwer****Status:** parasite**Distribution:** No locality (Entwistle 1972)**Primary parasite of:** *Parasa lepida* Cramer, No country (Entwistle 1972)**Apanteles risbeci De Saeger****Status:** parasite**Distribution:** Senegal (Alibert 1951)**Primary parasite of:** *Spodoptera littoralis* (Boisduval), Senegal (Alibert 1951)**Apanteles sp.****Status:** parasite**Distribution:** Brazil (Da Costa Lima 1936), Ghana (Smith 1965), Malaysia (Khoo Ooi & Ho 1991), Nigeria (Kumar & Nutsugah 1979), Vanuatu (Entwistle 1972)**Primary parasites:** *Pediobius minimus* Delucchi, Ghana (Akotoye 1975)**Primary parasite of:** *Adoxophyes* sp., Vanuatu (Entwistle 1972)*Characoma stictigrapta* Hampson, Ghana (Smith 1965)

Darna trima Moore, Malaysia (Khoo Ooi & Ho 1991)  
 Earias biplaga Walker, Nigeria (Kumar & Nutsugah 1979)  
 Lophocrama phoenicochlora Hampson, Ghana (Smith 1965)  
 Phobetron hipparchia (Cramer), Brazil (Da Costa Lima 1936)

### **Apanteles sp. near abdominalis Fabricius**

**Status:** parasite

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Primary parasite of:** Carmenta sp. near chrysophanes (Meyrick), Papua New Guinea (Szent-Ivany 1961)

Synanthedon theobromae (Busck), Papua New Guinea (Szent-Ivany 1961)

### **Apanteles sp. near creatonoti Vierick**

**Distribution:** Malaysia W. Malaysi (Corbett & Miller 1933)

**Primary parasite of:** Achaea janata (Linnaeus), Malaysia W. Malaysia (Corbett & Miller 1933)

### **Bassus aciculatus Brues**

*Synonyms:* *Agathis aciculatus (Brues)*

**Status:** parasite

**Distribution:** Ghana (Smith 1965), Nigeria (Entwistle 1969), Zaire (Alibert 1951)

**Primary parasite of:** Earias biplaga Walker, Ghana (Smith 1965), Nigeria (Entwistle 1969), Zaire (Alibert 1951)

### **Bathyaulax sp.**

**Status:** parasite

**Distribution:** Ethiopia (Abebe 1999)

**Primary parasite of:** Eulophonotus myrmeleon (Felder), Ethiopia (Abebe 1999)

### **Bracon brevicornis (Wesmael)**

*Synonyms:* *Microphanurus brevicornis (Alibert 1951) Wesmael*

**Status:** parasite

**Distribution:** Zaire (Alibert 1951)

**Primary parasite of:** Earias biplaga Walker, Zaire (Alibert 1951)

### **Bracon hebetor Say**

*Synonyms:* *Microbracon hebetor Say*

**Status:** parasite

**Distribution:** Ghana (Waters 1933), Nigeria (Cotterell 1952)

**Primary parasite of:** Cadra cautella (Walker), Ghana (Rawnsley 1968), Nigeria (Cotterell 1952)

Ephestia elutella (Hubner), Ghana (Waters 1933)

### **Bracon lefroyi (Dudgeon & Gough)**

*Synonyms:* *Microphanurus lefrouyi (Alibert 1951) Dudgeon & Gough*

**Status:** parasite

**Distribution:** Zaire (Alibert 1951)

**Primary parasite of:** Earias biplaga Walker, Zaire (Alibert 1951)

### **Bracon sp.**

**Status:** parasite

**Distribution:** Ghana (Entwistle 1960b), Malaysia Sabah (Khoo Ooi & Ho 1991)

**Primary parasite of:** Spulerina sp. , Ghana (Entwistle 1960b)

Zeuzera coffeae Nietner, Malaysia Sabah (Khoo Ooi & Ho 1991)

### **Cardiochiles sp.**

**Status:** parasite

**Distribution:** Ghana (Smith 1965)

**Primary parasite of:** Syllepte retractalis (Hampson), Ghana (Smith 1965)

### **Cenocoelius sp.**

**Status:** parasite

**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951)

**Primary parasite of:** Syllepte retractalis (Hampson), Ghana (Smith 1965), Ivory Coast (Alibert 1951)



**Chelonus chailini Walker & Huddleston****Status:** parasite**Distribution:** Malaysia (Walker & Huddleston 1987)**Primary parasite of:** *Conopomorpha cramerella* (Snellen), Malaysia (Walker & Huddleston 1987)**Cotesia ruficrus (Haliday)***Synonyms:* *Apanteles ruficrus Haliday***Status:** parasite**Distribution:** Ivory Coast (Alibert 1951)**Primary parasite of:** *Spodoptera littoralis* (Boisduval), Ivory Coast (Alibert 1951)**Cotesia taprobanae (Cameron)***Synonyms:* *Apanteles stauropi Vierick*, *Apanteles stauropi formosae*, *Apanteles taprobanae Cameron***Status:** parasite**Distribution:** Indonesia Java (Dammerman 1929), Indonesia Sumatra (Menzel 1923)**Primary parasite of:** *Neostauropus alternus* (Walker), Indonesia Java (Menzel 1923), Indonesia Sumatra (Menzel 1923)**Curriea sp.****Status:** parasite**Distribution:** Papua New Guinea (Quicke 1983)**Primary parasite of:** *Pansepta teleturga* Meyrick, Papua New Guinea (Quicke 1983)**Cyanopterus depressi Viereck***Synonyms:* *Ipobracon depressi Viereck***Status:** parasite**Distribution:** Trinidad & Tobago (Myers 1931)**Primary parasite of:** *Myoxomorpha breve* (Sulzer), Trinidad & Tobago (Myers 1931)**Cyanopterus peronatus (Cameron)***Synonyms:* *Ipobracon peronatus Cameron***Status:** parasite**Distribution:** Trinidad & Tobago (Myers 1931)**Primary parasite of:** *Myoxomorpha breve* (Sulzer), Trinidad & Tobago (Myers 1931)**Cyanopterus steirastomae Viereck***Synonyms:* *Ipobracon steirastomae Viereck***Status:** parasite**Distribution:** Trinidad & Tobago (Myers 1931)**Primary parasite of:** *Myoxomorpha breve* (Sulzer), Trinidad & Tobago (Myers 1931)**Euphorus helopeltidis Ferriere***Synonyms:* *Leiophron helopeltidis (Ferriere)***Status:** parasite**Distribution:** Indonesia Java (Betrem 1950)**Primary parasite of:** *Helopeltis antonii* Signoret, Indonesia Java (Betrem 1950)*Helopeltis theivora* Waterhouse, Indonesia Java (Betrem 1950)**Euphorus sp.****Status:** parasite**Distribution:** Ghana (Box 1944)**Primary parasite of:** *Distantiella theobroma* (Distant), Ghana (Box 1944)**Fornicia sp.****Status:** parasite**Distribution:** Indonesia Java (Entwistle 1972)**Primary parasite of:** *Setora nitens* Walker, Indonesia Java (Entwistle 1972)**Fraterarchibracon affinis (Szepligeti)***Synonyms:* *Fraterarchibracon rubicorpus Quicke***Status:** parasite**Distribution:** Togo (Quicke 1985)

**Primary parasite of:** *Malodon downesi* Hope, Togo (Quicke 1985)

**Glyptapanteles africanus (Cameron)**

*Synonyms:* *Apanteles africanus* Cameron

**Status:** parasite

**Distribution:** Ghana (Smith 1965)

**Primary parasite of:** *Euproctis xanthomelaena* Holland, Ghana (Smith 1965)

**Glyptomorpha sp.**

**Status:** parasite

**Distribution:** Malaysia W. Malaysia (Miller 1941)

**Primary parasite of:** *Zeuzera coffeae* Nietner, Malaysia (Miller 1941)

**Iphiaulax sp.**

**Status:** parasite

**Distribution:** Malaysia Sabah (Khoo Ooi & Ho 1991)

**Primary parasite of:** *Zeuzera coffeae* Nietner, Malaysia Sabah (Khoo Ooi & Ho 1991)

**Ipobracon sp.**

**Status:** parasite

**Distribution:** Papua New Guinea (Entwistle 1972)

**Primary parasite of:** *Panseptia teleturga* Meyrick, Papua New Guinea (Entwistle 1972)

**Lysiphlebus testaceipes (Cresson)**

**Status:** parasite

**Distribution:** Brazil (Silva 1944a)

**Primary parasite of:** *Toxoptera aurantii* (Boyer de Fonscolombe), Brazil (Silva 1944a)

**Meteoridea sp.**

*Synonyms:* *Benama* sp.

**Status:** parasite

**Distribution:** Ghana (Smith 1965)

**Primary parasite of:** *Metarbela* sp., Ghana (Smith 1965)

**Meteorus sp.**

**Status:** parasite

**Distribution:** Indonesia Java (Entwistle 1972)

**Primary parasite of:** *Setora nitens* Walker, Indonesia Java (Entwistle 1972)

**Meteorus sp. near margaroniae Wilkinson**

**Status:** parasite

**Distribution:** Ghana (Smith 1965)

**Primary parasite of:** *Euproctis melanopholis* Hampson, Ghana (Smith 1965)

**Microgaster sp.**

**Status:** parasite

**Distribution:** Brazil (Anon 1983), Nigeria (Pomeroy 1925)

**Primary parasite of:** *Earias biplaga* Walker, Nigeria (Pomeroy 1925)

*Melese laodamia* (Druce), Trinidad & Tobago (Kirkpatrick 1954)

*Syllepte prorogata* (Hampson), Brazil (Anon 1983)

**Peristenus anates (Nixon)**

*Synonyms:* *Euphorus anates* Nixon

**Status:** parasite

**Distribution:** Ghana (Entwistle 1972)

**Primary parasite of:** *Helopeltis lalandei* (Carayon), Ghana (Entwistle 1972)

**Peristenus sahlbergellae (Wilkinson)**

*Synonyms:* *Euphorus sahlbergellae* Wilkinson, *Leiophron sahlbergellae* (Wilkinson)

**Status:** parasite

**Distribution:** Cameroon (Box 1944), Equatorial Guinea Bioko (Squire 1947), Ghana (Wilkinson 1927), Ivory Coast (Squire 1947), Nigeria (Box 1944), Zaire (Squire 1947)

**Primary parasites:** Mesochorus melanothorax Wilkinson, Cameroon (Box 1944), Ghana (Wilkinson 1927), Nigeria (Box 1944)

**Primary parasite of:** Boxia khayae China, West Africa (Entwistle 1972)

Bryocoropsis laticollis Schumacher, West Africa (Box 1943)

Sahlbergella singularis Haglund, Cameroon (Box 1944), Equatorial Guinea Bioko (Squire 1947), Ghana (Wilkinson 1927), Ivory Coast (Squire 1947), Nigeria (Box 1944), Zaire (Squire 1947)

### **Sathon belippae (Rohwer)**

*Synonyms:* Apanteles belippae Rohwer

**Status:** parasite

**Distribution:** Indonesia Java (Wilkinson 1928)

**Primary parasite of:** Cherometia lohor (Moore), Indonesia Java (Wilkinson 1928)

### **Singalphogastra sp.**

**Status:** parasite

**Distribution:** Papua New Guinea (Entwistle 1972)

**Primary parasite of:** Pantorhytes szentivanyi Marshall, Papua New Guinea (Entwistle 1972)

### **Spinaria armator (Fabricius)**

*Synonyms:* Spinaria bicolor Szepligeti

**Status:** parasite

**Distribution:** Indonesia Java (Entwistle 1972)

**Primary parasite of:** Setora nitens Walker, Indonesia Java (Entwistle 1972)

### **Zeuserilia tricolor Van Achterberg**

**Status:** parasite

**Distribution:** Philippines (Van Achterberg 1989)

**Primary parasite of:** Not recorded -, Philippines (Van Achterberg 1989)

## **HYMENOPTERA CHALCIDIDAE**

### **Brachymeria encarpae Ubaidillah**

**Status:** parasite

**Distribution:** Malaysia W. Malaysia (Ubaidillah 1996)

**Primary parasite of:** Cryptophlebia encarpa Meyrick, Malaysia (Ubaidillah 1996)

### **Brachymeria minuta (Linnaeus)**

*Synonyms:* Brachymeria brevicornis (Klug), Chalcis brevicornis Klug

**Status:** parasite

**Distribution:** Ivory Coast (Alibert 1951)

**Primary parasite of:** Earias biplaga Walker, Ivory Coast (Alibert 1951)

### **Brachymeria porthetrialis Joseph Narendran & Joy**

**Status:** parasite

**Distribution:** India (Ramaseshiah & Bali 1987)

**Primary parasite of:** Lymantria ampla (Walker), India (Ramaseshiah & Bali 1987)

### **Brachymeria salomonis (Cameron)**

**Status:** parasite

**Distribution:** Papua New Guinea (Anon 1971)

**Primary parasite of:** Pinzulenza kukisch Hering, Papua New Guinea (Anon 1971)

### **Brachymeria sp.**

*Synonyms:* Dirrhinomorpha sp.

**Status:** parasite

**Distribution:** Ghana (Smith 1965), Malaysia (Khoo Ooi & Ho 1991), Nigeria (Entwistle 1969), Papua New Guinea (Bailey 1978), Sarawak (Gumbek 1987)

**Primary parasite of:** Anomis leona Schaus, Ghana (Smith 1965)

Conogethes punctiferalis (Guenee), Malaysia (Khoo Ooi & Ho 1991)

Conopomorpha cramerella (Snellen), Sarawak (Gumbek 1987)

Earias biplaga Walker, Nigeria (Entwistle 1969)

Panseptia teleturga Meyrick, Papua New Guinea (Bailey 1978)

**Brachymeria sp. near apicicornis (Cameron)**

**Status:** parasite

**Distribution:** Malaysia (Khoo Ooi & Ho 1991)

**Primary parasite of:** Adoxophyes privatana (Walker), Malaysia (Khoo Ooi & Ho 1991)

**Conura martinezi Delvare**

**Status:** parasite

**Distribution:** Ecuador (Delvare 1992)

**Primary parasite of:** Phobetrion sp. , Ecuador (Delvare 1992)

**Conura phobetrionae Delvare**

**Status:** parasite

**Distribution:** Ecuador (Delvare 1992)

**Primary parasite of:** Phobetrion sp. , Ecuador (Delvare 1992)

**Conura sp.**

*Synonyms:* *Spilochalcis sp.*

**Status:** parasite

**Distribution:** Surinam (Van Dinther 1960)

**Primary parasite of:** Stenoma baliandra (Meyrick), Surinam (Van Dinther 1960)

**Conura sp. near amoena (Say)**

*Synonyms:* *Spilochalcis sp. near lycanae (Cameron)*

**Status:** parasite

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

**Primary parasite of:** Thecla hemon (Cramer), Trinidad & Tobago (Kirkpatrick 1954)

**Hyperparasite of:** Thecla hemon (Cramer), Trinidad & Tobago (Kirkpatrick 1954)

**HYMENOPTERA CYNIPIDAE**

**Aloxysta sp.**

**Status:** parasite

**Distribution:** Ghana (Lodos 1968c)

**Primary parasite of:** Mesohomotoma tessmanni (Aulmann), Ghana (Lodos 1968c)

**HYMENOPTERA DRYINIDAE**

**Dryinus afer (Olm)**

*Synonyms:* *Paradryinus afer Olmi*

**Status:** parasite

**Distribution:** Sao Tome & Principe (Olm 1973)

**Primary parasite of:** Ricania insularis Lallemand, Sao Tome & Principe (Olm 1973)

**Neodryinus javanus (Roepke)**

*Synonyms:* *Phanerodryinus javanus (Roepke)*

**Status:** parasite

**Distribution:** Indonesia Java (Roepke 1916a)

**Primary parasite of:** Lawana candida (Fabricius), Indonesia Java (Roepke 1916a)

**HYMENOPTERA ELASMIDAE**

**Elasmus nephantidis Rohwer**

**Status:** parasite

**Distribution:** Malaysia W. Malaysia (Thomas 1960)

**Primary parasite of:** Aegeria sp. , Malaysia (Thomas 1960)

**Elasmus sp.****Status:** parasite**Distribution:** Ghana (Akotoye 1975)**Primary parasite of:** Characoma stictigrapta Hampson, Ghana (Akotoye 1975)**HYMENOPTERA ENCYRTIDAE****?Trichomasthus sp.***Synonyms:* ?*Coccidoxenus sp.***Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasite of:** Formicococcus njalensis (Laing), Ghana (Donald 1956)**Acerophagus sp.****Status:** parasite**Distribution:** Trinidad & Tobago (Entwistle 1972)**Primary parasite of:** Ferrisia virgata (Cockerell), Trinidad & Tobago (Entwistle 1972)**Aenasius abengouroui (Risbec)***Synonyms:* *Coccophoctonus abengouroui Risbec*, *Neodiscodes abengouroui (Risbec)***Status:** parasite**Distribution:** Ghana (Ackonor & Mordjifa 1999), Ivory Coast (Risbec 1949), Togo (Dufour 1991)**Primary parasites:** Cheiloneurus carinatus Compere, Togo (Dufour 1991)

Cheiloneurus sp. , Togo (Dufour 1991)

Cheiloneurus sp. near cyanonotus Waterston, Togo (Dufour 1991)

Prochiloneurus aegyptiacus (Mercet), Togo (Dufour 1991)

Prochiloneurus pulchellus Silvestri, Togo (Dufour 1991)

**Primary parasite of:** Formicococcus njalensis (Laing), Ghana (Ackonor & Mordjifa 1999), Ivory Coast (Risbec 1949), Togo (Dufour 1991)

Planococcus citri (Risso), Ghana (Ackonor 2002), Togo (Dufour 1991)

Planococcus kenya (Le Pelley), Togo (Dufour 1991)

**Aenasius advena Compere****Status:** parasite**Distribution:** Trinidad & Tobago (Kerrich 1967)**Primary parasite of:** Ferrisia virgata (Cockerell), Trinidad & Tobago (Kerrich 1967)**Aenasius caeruleus Brues***Synonyms:* *Aenasius personatus Kerrich***Status:** parasite**Distribution:** Trinidad & Tobago (Kerrich 1967)**Primary parasite of:** Ferrisia virgata (Cockerell), Trinidad & Tobago (Kerrich 1967)**Aenasius frontalis Compere****Status:** parasite**Distribution:** Trinidad & Tobago (Kerrich 1967)**Primary parasite of:** Ferrisia virgata (Cockerell), Trinidad & Tobago (Kerrich 1967)**Aenasius insularis Compere****Status:** parasite**Distribution:** Togo (Dufour 1991)**Primary parasite of:** Formicococcus njalensis (Laing), Togo (Dufour 1991)**Aenasius longiscapus Compere***Synonyms:* *Aenasius acuminatus Kerrich***Status:** parasite**Distribution:** Trinidad & Tobago (Kerrich 1967)**Primary parasite of:** Dysmicoccus brevipes (Cockerell), Trinidad & Tobago (Kerrich 1967)

**Aenasius martinii (Compere)**

*Synonyms: Neodiscodes martinii Compere*

**Status:** parasite

**Distribution:** Ghana (Donald 1956), Nigeria (Gregory 1954)

**Primary parasites:** Cheiloneurus carinatus Compere, Ghana (Donald 1956)

**Primary parasite of:** Ferrisia virgata (Cockerell), Ghana (Donald 1956), Nigeria (Gregory 1954)

Formicococcus celtis (Strickland), Ghana (Donald 1956)

Formicococcus njalensis (Laing), Ghana (Donald 1956), Ivory Coast (Risbec 1955), Nigeria (Gregory 1954)

Phenacoccus hargreavesi (Laing), Nigeria (Gregory 1954)

Planococcus citri (Risso), Ghana (Donald 1956), Nigeria (Donald 1955b)

Planococcus kenya (Le Pelley), Nigeria (Donald 1955b)

**Aenasius regularis Kerrich**

**Status:** parasite

**Distribution:** Trinidad & Tobago (Kerrich 1967)

**Primary parasite of:** Ferrisia virgata (Cockerell), Trinidad & Tobago (Kerrich 1967)

**Aenasius sp.**

**Status:** parasite

**Distribution:** Trinidad & Tobago (Entwistle 1972)

**Primary parasite of:** Ferrisia virgata (Cockerell), Trinidad & Tobago (Entwistle 1972)

**Aenasius tachigaliae (Brues)**

*Synonyms: Aenasius cariocus Compere, Aenasius theobromae Kerrich*

**Status:** parasite

**Distribution:** Trinidad & Tobago (Kerrich 1953)

**Primary parasite of:** Dysmicoccus brevipes (Cockerell), Trinidad & Tobago (Kerrich 1953)

**Aethognathus afer Silvestri**

**Status:** parasite

**Distribution:** Ghana (Waterston 1917)

**Primary parasite of:** Parastictococcus multispinosus (Newstead), Ghana (Waterston 1917)

**Aethognathus bicolor Subba Rao**

**Status:** parasite

**Distribution:** Nigeria (Subba Rao 1973)

**Primary parasite of:** Parastictococcus gowdeyi (Newstead), Nigeria (Subba Rao 1973)

**Aethognathus cavilabris Waterston**

**Status:** parasite

**Distribution:** Uganda (Waterston 1917)

**Primary parasite of:** Parastictococcus multispinosus (Newstead), Uganda (Waterston 1917)

**Aethognathus unicolor Subba Rao**

**Status:** parasite

**Distribution:** Nigeria (Subba Rao 1973)

**Primary parasite of:** Parastictococcus gowdeyi (Newstead), Nigeria (Subba Rao 1973)

**Ageniaspis sp.**

**Status:** parasite

**Distribution:** Ghana (Entwistle 1960b)

**Primary parasite of:** Spulerina sp., Ghana (Entwistle 1960b)

**Anagyrus ?aurantifrons Compere**

**Status:** parasite

**Distribution:** Ghana (Donald 1956)

**Primary parasites:** Cheiloneurus carinatus Compere, Ghana (Donald 1956)

**Primary parasite of:** Formicococcus njalensis (Laing), Ghana (Donald 1956)

Planococcus citri (Risso), Ghana (Donald 1956)

**Anagyrus ?greeni Howard****Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasites:** Cheiloneurus carinatus Compere, Ghana (Donald 1956)**Primary parasite of:** Planococcus citri (Risso), Ghana (Donald 1956)**Anagyrus ?subproximus (Silvestri)****Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasites:** Cheiloneurus carinatus Compere, Ghana (Donald 1956)**Primary parasite of:** Maconellicoccus ugandae (Laing), Ghana (Donald 1956)**Anagyrus abyssinicus Compere****Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasites:** Cheiloneurus carinatus Compere, Ghana (Donald 1956)**Primary parasite of:** Maconellicoccus ugandae (Laing), Ghana (Donald 1956)  
Planococcus citri (Risso), Ghana (Donald 1956)**Anagyrus amoenus Compere****Status:** parasite**Distribution:** Ghana (Ackonor & Mordjifa 1999)**Primary parasite of:** Formicococcus njalensis (Laing), Ghana (Ackonor & Mordjifa 1999)

Planococcus citri (Risso), Ghana (Ackonor 2002)

**Anagyrus beneficiens Compere****Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasites:** Cheiloneurus carinatus Compere, Ghana (Donald 1956)**Primary parasite of:** Delottococcus sp. near proteae (Hall), Ghana (Donald 1956)

Formicococcus njalensis (Laing), Ghana (Donald 1956)

Planococcus citri (Risso), Ghana (Donald 1956)

**Anagyrus kamali Moursi****Status:** parasite**Distribution:** Grenada (Cock 2002)**Primary parasite of:** Maconellicoccus hirsutus (Green), Grenada (Cock 2002)**Anagyrus kivuensis Compere****Status:** parasite**Distribution:** Ivory Coast (Risbec 1955), Togo (Dufour 1991)**Primary parasite of:** Formicococcus njalensis (Laing), Ivory Coast (Risbec 1955), Togo (Dufour 1991)

Maconellicoccus ugandae (Laing), Togo (Dufour 1991)

Planococcus citri (Risso), Togo (Dufour 1991)

Planococcus kenya (Le Pelley), Togo (Dufour 1991)

**Anagyrus petronae Noyes****Status:** parasite**Distribution:** Venezuela (Noyes 2000)**Primary parasite of:** Not recorded -, Venezuela (Noyes 2000)**Anagyrus pullus Compere****Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasites:** Cheiloneurus carinatus Compere, Ghana (Donald 1956)**Primary parasite of:** Formicococcus njalensis (Laing), Ghana (Donald 1956)

Planococcus citri (Risso), Ghana (Donald 1956)

**Anagyrus sp near beneficiens Compere****Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasites:** Cheiloneurus carinatus Compere, Ghana (Donald 1956)

**Primary parasite of:** *Formicococcus njalensis* (Laing), Ghana (Donald 1956)

### **Anagyrus sp.**

**Status:** parasite

**Distribution:** Malaysia (Khoo Ooi & Ho 1991), Togo (Dufour 1991)

**Primary parasite of:** *Maconellicoccus ugandae* (Laing), Togo (Dufour 1991)

*Planococcus citri* (Risso), Togo (Dufour 1991)

*Planococcus kenyae* (Le Pelley), Togo (Dufour 1991)

*Planococcus lilacinus* (Cockerell), Malaysia (Khoo Ooi & Ho 1991)

### **Anagyrus sp. near abyssinicus Compere**

**Status:** parasite

**Distribution:** Ghana (Donald 1956)

**Primary parasite of:** *Maconellicoccus ugandae* (Laing), Ghana (Donald 1956)

### **Anagyrus sp. near aurantifrons Compere**

**Status:** parasite

**Distribution:** Ghana (Donald 1956)

**Primary parasites:** *Cheiloneurus carinatus* Compere, Ghana (Donald 1956)

**Primary parasite of:** *Ferrisia virgata* (Cockerell), Ghana (Donald 1956)

### **Anagyrus subproximus (Silvestri)**

**Status:** parasite

**Distribution:** Ivory Coast (Risbec 1949)

**Primary parasite of:** *Ferrisia virgata* (Cockerell), Ivory Coast (Risbec 1949)

### **Anagyrus trinidadensis (Kerrich)**

*Synonyms:* *Apoanagyrus trinidadensis* Kerrich

**Status:** parasite

**Distribution:** Trinidad & Tobago (Kerrich 1953)

**Primary parasite of:** *Ferrisia virgata* (Cockerell), Trinidad & Tobago (Kerrich 1953)

### **Blepyrus insularis (Cameron)**

**Status:** parasite

**Distribution:** Nigeria (Kerrich 1967), Togo (Dufour 1991)

**Primary parasite of:** *Ferrisia virgata* (Cockerell), Nigeria (Kerrich 1967), Togo (Dufour 1991)

### **Blepyrus schwarzi (Howard)**

*Synonyms:* *Blepyrus kirkpatricki* (Kerrich), *Neodiscodes kirkpatricki* Kerrich

**Status:** parasite

**Distribution:** Trinidad & Tobago (Kerrich 1967)

**Primary parasite of:** *Dysmicoccus* sp. near *brevipes* (Cockerell), Trinidad & Tobago (Kerrich 1967)

### **Bothriocraera bicolor Compere & Zinna**

**Status:** parasite

**Distribution:** Trinidad & Tobago (Compere & Zinna 1955)

**Primary parasite of:** *Ferrisia virgata* (Cockerell), Trinidad & Tobago (Compere & Zinna 1955)

### **Cheiloneurus afer Waterston**

**Status:** parasite

**Distribution:** Ghana (Waterston 1917)

**Primary parasite of:** *Pulvinarisca jacksoni* (Newstead), Ghana (Waterston 1917)

### **Cheiloneurus carinatus Compere**

**Status:** hyperparasite, parasite

**Distribution:** Ghana (Donald 1956), Ivory Coast (Risbec 1955), Togo (Dufour 1991)

**Primary parasite of:** *Aenasius abengouroui* (Risbec), Togo (Dufour 1991)

*Aenasius martinii* (Compere), Ghana (Donald 1956)

*Anagyrus ?aurantifrons* Compere, Ghana (Donald 1956)

*Anagyrus ?greeni* Howard, Ghana (Donald 1956)

*Anagyrus ?subproximus* (Silvestri), Ghana (Donald 1956)

*Anagyrus abyssinicus* Compere, Ghana (Donald 1956)

*Anagyrus beneficiens* Compere, Ghana (Donald 1956)



Anagyrus pullus Compere, Ghana (Donald 1956)  
 Anagyrus sp near beneficiens Compere, Ghana (Donald 1956)  
 Anagyrus sp. near aurantifrons Compere, Ghana (Donald 1956)  
 Coccodiplosis coffeae (Barnes), Ghana (Ackonor & Mordjifa 1999)  
 Leptomastix dactylopii Howard, Ghana (Donald 1956), Togo (Dufour 1991)  
**Hyperparasite of:** Delottococcus sp. near proteae (Hall), Ghana (Donald 1956)  
 Ferrisia virgata (Cockerell), Ghana (Donald 1956)  
 Formicococcus njalensis (Laing), Ghana (Donald 1956), Ivory Coast (Risbec 1955), Togo (Dufour 1991)  
 Phenacoccus hargreavesi (Laing), Ghana (Donald 1956)  
 Phenacoccus madeirensis Green, Ghana (Donald 1956)  
 Planococcus citri (Risso), Ghana (Donald 1956), Togo (Dufour 1991)  
 Planococcus kenyae (Le Pelley), Togo (Dufour 1991)  
 Pseudococcus concavocerarii James, Ghana (Donald 1956)  
 Pseudococcus longispinus (Targioni Tozzetti), Ghana (Donald 1956)  
 Pseudococcus sp. near calceolariae (Maskell), Ghana (Donald 1956)

### **Cheilonurus sp. near cyanonotus Waterston**

**Status:** hyperparasite, parasite  
**Distribution:** Togo (Dufour 1991)  
**Primary parasite of:** Aenasius abengouroui (Risbec), Togo (Dufour 1991)  
 Leptomastix dactylopii Howard, Togo (Dufour 1991)  
**Hyperparasite of:** Planococcus citri (Risso), Togo (Dufour 1991)  
 Planococcus kenyae (Le Pelley), Togo (Dufour 1991)

### **Clausenia confusor Kerrich**

**Status:** parasite  
**Distribution:** Ghana (Kerrich 1967), Nigeria (Kerrich 1967)  
**Primary parasite of:** Formicococcus njalensis (Laing), Ghana (Kerrich 1967), Nigeria (Kerrich 1967)  
 Planococcus citri (Risso), Nigeria (Kerrich 1967)

### **Clausenia corrugata Kerrich**

**Status:** parasite  
**Distribution:** Ghana (Kerrich 1967)  
**Primary parasite of:** Pseudococcus concavocerarii James, Ghana (Kerrich 1967)

### **Clausenia guineensis Kerrich**

**Status:** parasite  
**Distribution:** Ghana (Kerrich 1967), Nigeria (Kerrich 1967)  
**Primary parasite of:** Formicococcus njalensis (Laing), Ghana (Kerrich 1967), Nigeria (Kerrich 1967)

### **Clausenia sp.**

**Status:** parasite  
**Distribution:** Ghana (Donald 1956)  
**Primary parasite of:** Formicococcus njalensis (Laing), Ghana (Donald 1956)  
 Planococcus citri (Risso), Ghana (Donald 1956)

### **Clausenia sp. near purpurea Ishii**

**Status:** parasite  
**Distribution:** Ghana (Donald 1956)  
**Primary parasite of:** Pseudococcus concavocerarii James, Ghana (Donald 1956)

### **Coccidoctonus pseudococci (Risbec)**

*Synonyms:* *Xyphigaster pseudococci Risbec*  
**Status:** hyperparasite, parasite  
**Distribution:** Ghana (Ackonor & Mordjifa 1999), Sao Tome & Principe (Prinsloo 1979)  
**Primary parasite of:** Coccodiplosis coffeae (Barnes), Ghana (Ackonor & Mordjifa 1999), Sao Tome & Principe (Prinsloo 1979)  
**Hyperparasite of:** Formicococcus njalensis (Laing), Ghana (Ackonor & Mordjifa 1999)  
 Planococcus citri (Risso), Ghana (Ackonor 2002)

**Coccidoctonus sp.**

**Status:** hyperparasite, parasite

**Distribution:** Ghana (Donald 1956)

**Primary parasite of:** *Leptomastix dactylopii* Howard, Ghana (Donald 1956)

Not recorded -, Ghana (Donald 1956)

**Hyperparasite of:** *Planococcus citri* (Risso), Ghana (Donald 1956)

**Coccidoctonus trinidadensis Crawford**

**Status:** hyperparasite, parasite

**Distribution:** Trinidad & Tobago (Kerrich 1953)

**Primary parasite of:** *Leptomastix dactylopii* Howard, Trinidad & Tobago (Kerrich 1953)

**Hyperparasite of:** *Planococcus citri* (Risso), Trinidad & Tobago (Kerrich 1953)

**Coccidoencyrtus sp.**

**Status:** parasite

**Distribution:** Trinidad & Tobago (Entwistle 1972)

**Primary parasite of:** *Ferrisia virgata* (Cockerell), Trinidad & Tobago (Entwistle 1972)

**Encyrtus aurantii (Geoffroy)**

*Synonyms:* *Encyrtus barbatus* Timberlake

**Status:** parasite

**Distribution:** Ghana (Donald 1956)

**Primary parasite of:** *Formicococcus njalensis* (Laing), Ghana (Donald 1956)

**Encyrtus cotterelli Waterston**

**Status:** parasite

**Distribution:** Ghana (Waterston 1922), Zaire (Alibert 1951)

**Primary parasite of:** *Distantiella theobroma* (Distant), Ghana (Waterston 1922)

*Sahlbergella singularis* Haglund, Zaire (Alibert 1951)

**Exoristobia philippinensis Ashmead**

**Status:** hyperparasite, parasite

**Distribution:** Papua New Guinea (Baker 1978)

**Primary parasite of:** *Doleschalla* sp. , Papua New Guinea (Baker 1978)

**Hyperparasite of:** *Pantorhytes szentivanyi* Marshall, Papua New Guinea (Baker 1978)

**Gahaniella tertia Kerrich**

**Status:** parasite

**Distribution:** Trinidad & Tobago (Kerrich 1953)

**Primary parasite of:** *Leptomastix dactylopii* Howard, Trinidad & Tobago (Kerrich 1953)

**Hyperparasite of:** *Planococcus citri* (Risso), Trinidad & Tobago (Kerrich 1953)

**Gyranusoidea dispar (Kerrich)**

*Synonyms:* *Leptomastix dispar* Kerrich

**Status:** parasite

**Distribution:** Trinidad & Tobago (Kerrich 1953)

**Primary parasite of:** *Ferrisia virgata* (Cockerell), Trinidad & Tobago (Kerrich 1953)

**Holcencyrtus myrmicoides (Compere & Zinna)**

*Synonyms:* *Acroaspida myrmicoides* Compere & Zinna

**Status:** parasite

**Distribution:** Trinidad & Tobago (Compere & Zinna 1955)

**Primary parasite of:** *Ferrisia virgata* (Cockerell), Trinidad & Tobago (Compere & Zinna 1955)

**Holcencyrtus sp.**

*Synonyms:* *Coelaspida* sp.

**Status:** parasite

**Distribution:** Trinidad & Tobago (Entwistle 1972)

**Primary parasite of:** *Ferrisia virgata* (Cockerell), Trinidad & Tobago (Entwistle 1972)

**Homalotylus africanus Timberlake****Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasite of:** *Nephus ornatulus* Korschefsky, Ghana (Donald 1956)**Homalotylus sp.****Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasite of:** *Nephus ornatulus* Korschefsky, Ghana (Donald 1956)**Homalotylus sp. near quaylei Timberlake****Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasite of:** *Nephus ornatulus* Korschefsky, Ghana (Donald 1956)**Leptomastidea ?abnormis (Girault)****Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasite of:** *Planococcus citri* (Risso), Ghana (Donald 1956)**Leptomastidea ?jeanneli Mercet****Status:** parasite**Distribution:** Ghana (Donald 1956)**Primary parasite of:** *Ferrisia virgata* (Cockerell), Ghana (Donald 1956)**Leptomastix dactylopii Howard***Synonyms:* *Leptomastix bifasciatus* Compere, *Leptomastix longipennis* Mercet**Status:** parasite**Distribution:** Ghana (Donald 1956), Ivory Coast (Risbec 1949), Nigeria (Gregory 1954), Togo (Dufour 1991), Trinidad & Tobago (Kerrich 1953)**Primary parasites:** *Cheiloneurus carinatus* Compere, Ghana (Donald 1956), Togo (Dufour 1991)  
*Cheiloneurus* sp., Togo (Dufour 1991)*Cheiloneurus* sp. near *cyanonotus* Waterston, Togo (Dufour 1991)*Coccidoctonus* sp., Ghana (Donald 1956)*Coccidoctonus trinidadensis* Crawford, Trinidad & Tobago (Kerrich 1953)*Gahaniella tertia* Kerrich, Trinidad & Tobago (Kerrich 1953)*Prochiloneurus aegyptiacus* (Mercet), Ghana (Donald 1956), Togo (Dufour 1991)*Prochiloneurus dactylopii* (Howard), Trinidad & Tobago (Kerrich 1953)*Prochiloneurus pulchellus* Silvestri, Togo (Dufour 1991)*Prochiloneurus seini* (Dozier), Trinidad & Tobago (Kerrich 1953)**Primary parasite of:** *Delottococcus* sp. near *proteae* (Hall), Ghana (Donald 1956)*Ferrisia virgata* (Cockerell), Ghana (Donald 1956), Ivory Coast (Risbec 1949), Nigeria (Gregory 1954)*Formicococcus njalensis* (Laing), Ghana (Donald 1956), Ivory Coast (Risbec 1949), Nigeria (Gregory 1954), Togo (Dufour 1991)*Phenacoccus hargreavesi* (Laing), Ghana (Donald 1956), Nigeria (Gregory 1954)*Phenacoccus madeirensis* Green, Ghana (Donald 1956)*Planococcus citri* (Risso), Ghana (Donald 1956), Togo (Dufour 1991), Trinidad & Tobago (Kerrich 1953)*Planococcus kenyae* (Le Pelley), Nigeria (Entwistle 1972), Togo (Dufour 1991)*Pseudococcus concavocerarii* James, Ghana (Donald 1956)*Pseudococcus longispinus* (Targioni Tozzetti), Ghana (Donald 1956)*Pseudococcus* sp. near *calceolariae* (Maskell), Ghana (Donald 1956)**Metaphycus harveyorum Noyes****Status:** parasite**Distribution:** Trinidad & Tobago (Noyes 2004)**Primary parasite of:** Not recorded -, Trinidad & Tobago (Noyes 2004)**Metaphycus portoricensis (Dozier)****Status:** parasite**Distribution:** Sao Tome & Principe (Castel-Branco 1971)

**Primary parasite of:** *Asterolecanium pustulans princeps* Castel Branco, Sao Tome & Principe (Castel-Branco 1971)

### **Metaphycus sp.**

**Status:** parasite

**Distribution:** Ghana (Donald 1956)

**Primary parasite of:** *Phenacoccus hargreavesi* (Laing), Ghana (Donald 1956)

### **Neodiscodes abengouroui (Risbec)**

**Status:** predator

**Distribution:** Togo (Dufour 1991)

**Predator of:** *Maconellicoccus ugandae* (Laing), Togo (Dufour 1991)

### **Ooencyrtus ooi Noyes**

**Status:** parasite

**Distribution:** Malaysia W. Malaysia (Noyes 1991)

**Primary parasite of:** *Conopomorpha cramerella* (Snellen), Malaysia (Noyes 1991)

### **Ooencyrtus sp.**

**Status:** parasite

**Distribution:** Ghana (Lodos 1968b)

**Primary parasite of:** *Bathycycolia thalassina* (Herrich-Schaffer), Ghana (Lodos 1968b)

### **Paratetracnemoidea sp.**

**Status:** parasite

**Distribution:** Ghana (Donald 1956)

**Primary parasite of:** *Formicococcus njalensis* (Laing), Ghana (Donald 1956)

### **Prionomastix ?fasciatipennis (Girault)**

**Status:** parasite

**Distribution:** Brazil (Anon 1983)

**Primary parasite of:** *Metcalfiella pertusa* (Germar), Brazil (Anon 1983)

### **Prochiloneurus aegyptiacus (Mercet)**

*Synonyms:* *Achrysopophagus aegyptiacus Mercet*

**Status:** parasite

**Distribution:** Ghana (Donald 1956), Ivory Coast (Risbec 1949), Nigeria (Donald 1955b), Togo (Dufour 1991)

**Primary parasite of:** *Aenasius abengouroui* (Risbec), Togo (Dufour 1991)

*Leptomastix dactylopii* Howard, Ghana (Donald 1956), Togo (Dufour 1991)

**Hyperparasite of:** *Ferrisia virgata* (Cockerell), Ghana (Donald 1956), Ivory Coast (Risbec 1949)

*Formicococcus njalensis* (Laing), Ghana (Donald 1956)

*Planococcus citri* (Risso), Ghana (Donald 1956), Ivory Coast (Risbec 1949), Togo (Dufour 1991)

*Planococcus kenyae* (Le Pelley), Togo (Dufour 1991)

### **Prochiloneurus dactylopii (Howard)**

*Synonyms:* *Achrysopophagus dactylopii (Howard)*

**Status:** hyperparasite, parasite

**Distribution:** Trinidad & Tobago (Kerrich 1953)

**Primary parasite of:** *Leptomastix dactylopii* Howard, Trinidad & Tobago (Kerrich 1953)

*Zarhopalus putophilus* Bennett, Trinidad & Tobago (Trjapitzin Bennett & Ruiz-Cancino 2004)

**Hyperparasite of:** *Planococcus citri* (Risso), Trinidad & Tobago (Kerrich 1953)

*Puto barberi* (Cockerell), Trinidad & Tobago (Trjapitzin Bennett & Ruiz-Cancino 2004)

### **Prochiloneurus pulchellus Silvestri**

*Synonyms:* *Prochiloneurus latiscapus (Compere)*

**Status:** hyperparasite, parasite

**Distribution:** Togo (Dufour 1991)

**Primary parasite of:** *Aenasius abengouroui* (Risbec), Togo (Dufour 1991)

*Leptomastix dactylopii* Howard, Togo (Dufour 1991)

**Hyperparasite of:** *Planococcus citri* (Risso), Togo (Dufour 1991)

*Planococcus kenyae* (Le Pelley), Togo (Dufour 1991)

**Prochiloneurus seini (Dozier)**

*Synonyms: Achrysoophagus seini (Dozier)*

**Status:** hyperparasite, parasite

**Distribution:** Trinidad & Tobago (Kerrich 1953)

**Primary parasite of:** *Leptomastix dactylopii* Howard, Trinidad & Tobago (Kerrich 1953)

**Hyperparasite of:** *Planococcus citri* (Risso), Trinidad & Tobago (Kerrich 1953)

**Pseudaphycus ?prosopodis Timberlake**

**Status:** parasite

**Distribution:** Ghana (Donald 1956)

**Primary parasite of:** *Paraputo anomalus* (Newstead), Ghana (Donald 1956)

**Pseudaphycus angelicus (Howard)**

**Status:** parasite

**Distribution:** Ghana (Anon 1953b)

**Primary parasite of:** *Formicococcus njalensis* (Laing), Ghana (Anon 1953b)

**Pseudaphycus ferrisianae Bennett**

**Status:** parasite

**Distribution:** Trinidad & Tobago (Bennett 1955)

**Primary parasite of:** *Ferrisia virgata* (Cockerell), Trinidad & Tobago (Bennett 1955)

**Pseudaphycus sp.**

**Status:** parasite

**Distribution:** Trinidad & Tobago (Entwistle 1972)

**Primary parasite of:** *Ferrisia virgata* (Cockerell), Trinidad & Tobago (Entwistle 1972)

**Pseudaphycus utilis Timberlake**

**Status:** parasite

**Distribution:** Trinidad & Tobago (Bennett 1955)

**Primary parasite of:** *Nipaecoccus nipae* (Maskell), Trinidad & Tobago (Bennett 1955)

**Psyllaephagus ?cellulatus Waterston**

**Status:** parasite

**Distribution:** Ghana (Lodos 1968c)

**Primary parasite of:** *Mesohomotoma tessmanni* (Aulmann), Ghana (Lodos 1968c)

**Psyllaephagus tessmannii (Tamesse & Tiyo)**

*Synonyms: Psyllaephagus mesohomotomae Tamesse & Tiyo*

**Status:** parasite

**Distribution:** Cameroon (Tamesse & Tiyo 2007)

**Primary parasite of:** *Mesohomotoma tessmanni* (Aulmann), Cameroon (Tamesse & Tiyo 2007)

**Tropidophryne africana Compere**

**Status:** parasite

**Distribution:** Ghana (Donald 1956), Ivory Coast (Risbec 1955), Togo (Dufour 1991)

**Primary parasite of:** *Dysmicoccus brevipes* (Cockerell), Ghana (Donald 1956)

*Formicococcus njalensis* (Laing), Ivory Coast (Risbec 1955), Togo (Dufour 1991)

**Tropidophryne melvillei Compere**

**Status:** parasite

**Distribution:** Ghana (Donald 1956)

**Primary parasite of:** *Formicococcus njalensis* (Laing), Ghana (Donald 1956)

*Planococcus citri* (Risso), Ghana (Ackonor 2002)

**Zaplatycerus planiscuttelum De Santis**

**Status:** parasite

**Distribution:** Trinidad & Tobago (Kerrich 1978)

**Primary parasite of:** *Planococcus citri* (Risso), Trinidad & Tobago (Kerrich 1978)

**Zaplatycerus sp.**

**Status:** hyperparasite, parasite

**Distribution:** Papua New Guinea (Baker 1978)

**Primary parasite of:** *Doleschalla* sp. , Papua New Guinea (Baker 1978)

**Hyperparasite of:** *Pantorhytes szentivanyi* Marshall, Papua New Guinea (Baker 1978)

### ***Zarhopalus putophilus* Bennett**

**Status:** parasite

**Distribution:** Trinidad & Tobago (Trjapitzin Bennett & Ruiz-Cancino 2004)

**Primary parasites:** *Prochiloneurus dactylopii* (Howard), Trinidad & Tobago (Trjapitzin Bennett & Ruiz-Cancino 2004)

**Primary parasite of:** *Puto barberi* (Cockerell), Trinidad & Tobago (Trjapitzin Bennett & Ruiz-Cancino 2004)

## **HYMENOPTERA EULOPHIDAE**

### ***Aprostocetus lamiicidus* Kerrich**

**Status:** parasite

**Distribution:** Ghana (Kerrich 1963), Nigeria (Kerrich 1963), Zaire (Entwistle 1972)

**Primary parasite of:** *Tragocephala castnia cacaoensis* Entwistle, Nigeria (Kerrich 1963)

*Tragocephala castnia theobromae* Entwistle, Ghana (Kerrich 1963)

*Tragocephala nobilis* (Fabricius), Ghana (Kerrich 1963)

*Tragocephala nobilis* m *maynei* Gahan, Zaire (Entwistle 1972)

### ***Aprostocetus stictococi* (Silvestri)**

*Synonyms:* *Tetrastichus stictococi* Silvestri

**Status:** parasite

**Distribution:** Dahomey (Silvestri 1915)

**Primary parasite of:** *Parastictococcus multispinosus* (Newstead), Dahomey (Silvestri 1915)

### ***Aprostocetus ugandaensis* (Girault)**

*Synonyms:* *Epitetrastichus ugandaensis* Girault

**Status:** parasite

**Distribution:** Uganda (Gowdey 1918b)

**Primary parasite of:** *Parastictococcus gowdeyi* (Newstead), Uganda (Gowdey 1918b)

### ***Aroplectrus areolatus* (Ferriere)**

*Synonyms:* *Neoplectrus areolatus* Ferriere

**Status:** parasite

**Distribution:** Malaysia W. Malaysia (Entwistle 1972)

**Primary parasite of:** *Setora nitens* Walker, Malaysia (Entwistle 1972)

### ***Euderus torymoides* (Ferriere)**

*Synonyms:* *Pareuderus torymoides* Ferriere

**Status:** parasite

**Distribution:** Indonesia Java (Ferriere 1931)

**Primary parasite of:** *Alcidodes leeuweni* (Heller), Indonesia Java (Ferriere 1931)

### ***Euplectromorpha malayensis* Ferriere**

**Status:** parasite

**Distribution:** Indonesia Java (Entwistle 1972)

**Primary parasite of:** *Setora nitens* Walker, Indonesia Java (Entwistle 1972)

### ***Euplectrus laphygmae* Ferriere**

**Status:** parasite

**Distribution:** Ivory Coast (Alibert 1951)

**Primary parasite of:** *Anomis leona* Schaus, Ivory Coast (Alibert 1951)

### ***Euplectrus leonae* Risbec**

**Status:** parasite

**Distribution:** Ghana (Owusu-Manu 1987)

**Primary parasite of:** *Anomis leona* Schaus, Ghana (Owusu-Manu 1987)

**Euplectrus sp.****Status:** parasite**Distribution:** India (Ramaseshiah & Bali 1987), Indonesia (Dammerman 1929)**Primary parasite of:** *Lymantria ampla* (Walker), India (Ramaseshiah & Bali 1987)  
*Setora nitens* Walker, Indonesia (Dammerman 1929)**Euplectrus sp. near fuscipes Ferriere****Status:** parasite**Distribution:** Ghana (Smith 1965)**Primary parasite of:** *Anomis leona* Schaus, Ghana (Smith 1965)**Goetheana shakespearei Girault***Synonyms:* *Dasyscapus parvipennis* Gahan, *Goetheana parvipennis* (Gahan)**Status:** parasite**Distribution:** Ghana (Cotterell 1927b), Grenada (Pickles 1938), Puerto Rico (Bartlett 1938), Trinidad & Tobago (Adamson 1936)**Primary parasite of:** *Heliothrips haemorrhoidalis* (Bouche), Trinidad (Callan 1943)*Selenothrips rubrocinctus* (Giard), Ghana (Cotterell 1927b), Grenada (Pickles 1938), Puerto Rico (Bartlett 1938), Trinidad & Tobago (Adamson 1936)**Horismenus steirastomae (Girault)***Synonyms:* *Pseudomphale steirastomae* Girault**Status:** parasite**Distribution:** Trinidad & Tobago (Myers 1931)**Primary parasite of:** *Myoxomorpha breve* (Sulzer), Trinidad & Tobago (Myers 1931)**Pediobius elasmii (Ashmead)****Status:** parasite**Distribution:** Malaysia Sabah (Kerrich 1973)**Primary parasite of:** Not recorded -, Malaysia Sabah (Kerrich 1973)**Pediobius imbreus Walker****Status:** parasite**Distribution:** India (Kerrich 1973)**Primary parasite of:** *Nephantis serinopa* Meyrick, India (Kerrich 1973)**Pediobius longisetosus Kerrich****Status:** parasite**Distribution:** Vanuatu (Kerrich 1973)**Primary parasite of:** Not recorded -, Vanuatu (Kerrich 1973)**Pediobius minimus Delucchi****Status:** parasite**Distribution:** Ghana (Akotoye 1975)**Primary parasite of:** *Agathis* sp. , Ghana (Akotoye 1975)*Apanteles* sp. , Ghana (Akotoye 1975)**Hyperparasite of:** *Characoma stictigrapta* Hampson, Ghana (Akotoye 1975)**Pediobius sp.****Status:** hyperparasite, parasite**Distribution:** Ghana (Lodos 1968b), Vanuatu (Risbec 1937)**Primary parasite of:** *Oeonistis entella* Cramer, Vanuatu (Risbec 1937)*Telenomus* sp. , Ghana (Lodos 1968b)*Telenomus* sp. near *seychellensis* (Kieffer), Ghana (Lodos 1968b)**Hyperparasite of:** *Bathycycoelia thalassina* (Herrich-Schaffer), Ghana (Lodos 1968c)**Platyplectrus orthocraspedae Ferriere****Status:** parasite**Distribution:** Indonesia Java (Entwistle 1972)**Primary parasite of:** *Darna trima* Moore, No country (Entwistle 1972)*Setora nitens* Walker, Indonesia Java (Entwistle 1972)

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## HYMENOPTERA EUMENIDAE

### ***Eumenes latreillei petiolaris* Schulz**

*Synonyms: Eumenes pyriformis petiolaris* Schulz

**Status:** predator

**Distribution:** Papua New Guinea (Entwistle 1972)

**Predator of:** *Tiracola plagiata* (Walker), Papua New Guinea (Entwistle 1972)

### ***Rhynchium haemorrhoidale* (Fabricius)**

**Status:** predator

**Distribution:** Indonesia Sulawesi (Hoehn et al 2009)

**Predator of:** *Agathodes caliginosalis* Snellen, Indonesia Sulawesi (Hoehn et al 2009)

### ***Rhynchium ventrale* Saussure**

**Status:** predator

**Distribution:** Nigeria (Lamborn 1914)

**Predator of:** *Earias biplaga* Walker, Nigeria (Lamborn 1914)

## HYMENOPTERA EUPELMIDAE

### ***Anastatus* sp.**

**Status:** parasite

**Distribution:** Ghana (Lodos 1968b)

**Primary parasite of:** *Bathycoelia thalassina* (Herrich-Schaffer), Ghana (Lodos 1968b)

### ***Arachnophaga hirtibasis* Gahan**

**Status:** parasite

**Distribution:** Brazil (Silva & Heinrich 1947)

**Primary parasite of:** *Stenoma decora* Zeller, Brazil (Silva & Heinrich 1947)

### ***Solindenia* sp.**

**Status:** parasite

**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951)

**Primary parasite of:** *Imbrasia dione* (Fabricius), Ghana (Smith 1965), Ivory Coast (Alibert 1951)

## HYMENOPTERA EURYTOMIDAE

### ***Eurytoma albotibialis* Ashmead**

**Status:** parasite

**Distribution:** Papua New Guinea (Szent-Ivany 1954)

**Primary parasite of:** Not recorded -, Papua New Guinea (Szent-Ivany 1954)

## HYMENOPTERA FIGITIDAE

### ***Dilyta camerounensis* Tamesse & Tiyo**

**Status:** parasite

**Distribution:** Cameroon (Tamesse & Tiyo 2007)

**Primary parasite of:** *Mesohomotoma tessmanni* (Aulmann), Cameroon (Tamesse & Tiyo 2007)

## HYMENOPTERA FORMICIDAE AENICTINAE

### ***Aenictus asperivalvus* Santschi**

**Status:** no record

**Distribution:** Ghana (Strickland 1951)



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## HYMENOPTERA FORMICIDAE AMBLYOPONINAE

### Prionopelta antillana Forel

**Status:** no record

**Distribution:** Brazil (Delabie et al 2007)

## HYMENOPTERA FORMICIDAE CERAPACHYINAE

### Ceropachys foreli (Santschi)

*Synonyms:* *Phyracaces langi* Wheeler

**Status:** no record

**Distribution:** Ghana (Majer 1975)

### Ceropachys sp.

*Synonyms:* *Phyracaces* sp.

**Status:** no record

**Distribution:** Ghana (Majer 1975)

## HYMENOPTERA FORMICIDAE DOLICHODERINAE

### Azteca alfari Emery

*Synonyms:* *Azteca bicolor* Forel

**Status:** no record

**Distribution:** Trinidad & Tobago (Urich 1911)

### Azteca chartifex Forel

**Status:** predator, tending Homoptera

**Distribution:** Brazil (Azavedo 1925), Trinidad & Tobago (Urich 1911)

**Predator of:** *Selenothrips rubrocinctus* (Giard), Brazil (Torrend 1927)

**Homoptera tended:** *Bolbonota pictipennis* Fairmaire, Brazil (Bondar 1924b)

*Horiola picta* Fabricius, Brazil (Bondar 1924b), Trinidad & Tobago (Urich 1911)

*Tragopa fulvovaria* Fairmaire, Brazil (Bondar 1924b)

*Tragopa humeralis* Fairmaire, Brazil (Bondar 1924b)

*Tragopa nitida* Germar, Brazil (Bondar 1924b)

*Tropidolomia auriculata* (Olivier), Brazil (Bondar 1924b)

### Azteca chartifex spiriti Forel

**Status:** predator, tending Homoptera

**Distribution:** Brazil (De Medeiros Delabie & Fowler 1999), Brazil (Silva 1944a)

**Predator of:** Not recorded -, Brazil (De Medeiros Delabie & Fowler 1999)

*Selenothrips rubrocinctus* (Giard), Brazil (Delabie et al 2007)

**Homoptera tended:** *Ceroplastodes bahiensis* Bondar, Brazil (Silva 1950)

*Ceroplastodes melzeri* Bondar, Brazil (Silva 1950)

*Ceroplastodes theobromae* Bondar, Brazil (Silva 1950)

*Milleriococcus costalimae* (Bondar), Brazil (Silva 1950)

*Toxoptera aurantii* (Boyer de Fonscolombe), Brazil (Silva 1944a)

### Azteca forellii Emery

**Status:** predator

**Distribution:** Venezuela (Jaffe Tablante & Sanchez 1986)

**Predator of:** *Myoxomorpha breve* (Sulzer), Venezuela (Jaffe Tablante & Sanchez 1986)

### Azteca instabilis (F.Smith)

**Status:** no record

**Distribution:** Guyana (Bodkin 1917)

***Azteca instabilis* (F.Smith)****Status:** no record**Distribution:** Brazil (Majer Delabie & Smith 1994)***Azteca longiceps* Emery****Status:** no record**Distribution:** Brazil (Delabie et al 2007)***Azteca paraensis bondari* Borgmeier****Status:** no record**Distribution:** Brazil (Bondar 1939a)***Azteca paraensis* Forel****Status:** bud feeder, fruit feeder, leaf feeder, shoot feeder**Distribution:** Brazil (Bondar 1930b)***Azteca paraensis nociva* Borgmeier****Status:** no record**Distribution:** Brazil (Silva 1944a)***Azteca* sp.****Status:** no record**Distribution:** Brazil (Wiltshire 1965), Colombia (De Franco 1958), Costa Rica (Weber 1957), Trinidad & Tobago (Kirkpatrick 1953b)***Azteca velox* Forel****Status:** no record**Distribution:** Guyana (Bodkin 1917), Trinidad & Tobago (Urich 1911)***Dolichoderus attelaboides* (Fabricius)****Status:** tending Homoptera**Distribution:** Brazil (Bondar 1924b)**Homoptera tended:** *Bolbonota pictipennis* Fairmaire, Brazil (Bondar 1924b)*Horiola picta* Fabricius, Brazil (Bondar 1924b)*Tragopa fulvovaria* Fairmaire, Brazil (Bondar 1924b)*Tragopa humeralis* Fairmaire, Brazil (Bondar 1924b)*Tragopa nitida* Germar, Brazil (Bondar 1924b)*Tropidolomia auriculata* (Olivier), Brazil (Bondar 1924b)***Dolichoderus bidens* (Linnaeus)****Status:** tending Homoptera**Distribution:** Brazil (Silva 1944a), Guyana (Bodkin 1917), Surinam (Dammerman 1929)**Homoptera tended:** *Bolbonota pictipennis* Fairmaire, Brazil (Bondar 1924b)*Horiola picta* Fabricius, Brazil (Bondar 1924b)*Toxoptera aurantii* (Boyer de Fonscolombe), Brazil (Silva 1944a)*Tragopa fulvovaria* Fairmaire, Brazil (Bondar 1924b)*Tragopa humeralis* Fairmaire, Brazil (Bondar 1924b)*Tragopa nitida* Germar, Brazil (Bondar 1924b)*Tropidolomia auriculata* (Olivier), Brazil (Bondar 1924b)***Dolichoderus bispinosus* (Olivier)****Status:** tending Homoptera**Distribution:** Brazil (Bondar 1924b)**Homoptera tended:** *Bolbonota pictipennis* Fairmaire, Brazil (Bondar 1924b)*Horiola picta* Fabricius, Brazil (Bondar 1924b)*Tragopa fulvovaria* Fairmaire, Brazil (Bondar 1924b)*Tragopa humeralis* Fairmaire, Brazil (Bondar 1924b)*Tragopa nitida* Germar, Brazil (Bondar 1924b)*Tropidolomia auriculata* (Olivier), Brazil (Bondar 1924b)

**Dolichoderus decollatus F.Smith****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Dolichoderus diversus Emery****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Dolichoderus lutosus (F.Smith)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Dolichoderus schulzi Emery****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Dolichoderus sp.****Status:** tending Homoptera**Distribution:** Indonesia Sulawesi (Bos Steffan-Dewenter & Tschardtke 2007), Malaysia Sabah (Conway 1971)**Homoptera tended:** Promyrmococcus wayi Williams, Malaysia Sabah (Williams 2004)**Dolichoderus thoracicus (F.Smith)***Synonyms: Dolichoderus bituberculatus Mayr, Dolichoderus tuberculatus F.Smith***Status:** predator, tending Homoptera**Distribution:** Indonesia Java (Paerels 1924), Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Miller 1941)**Predators:** Bengalia varicolor (Fabricius), Indonesia Java (Van der Goot 1917b)

Ptilocerus venosus Walker, Indonesia Java (Van der Goot 1917b)

**Predator of:** Conopomorpha cramerella (Snellen), Malaysia W. Malaysia (See & Khoo 1996)

Helopeltis antonii Signoret, Indonesia Java (Paerels 1924)

Helopeltis clavifer Walker, Indonesia (Graham 1991)

Helopeltis theivora theobromae Miller, Indonesia (Graham 1991), Malaysia W. Malaysia (Way &amp; Khoo 1991)

Helopeltis theivora Waterhouse, Indonesia Java (Paerels 1924)

**Homoptera tended:** Coccus viridis (Green), Indonesia Java (Dammerman 1929)

Ebuh varium (Walker), Malaysia (Azhar 1992)

Exallomochlus hispidus (Morrison), Malaysia (Azhar 1992)

Planococcus citri (Risso), Indonesia Java (Paerels 1924)

Planococcus lilacinus (Cockerell), Indonesia Java (Paerels 1924), Malaysia (Khoo Ooi &amp; Ho 1991)

**Iridomyrmex sp.****Status:** flower feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Linepithema humile (Mayr)****Status:** no record**Distribution:** Brazil (Majer Delabie & Smith 1994)**Linepithema sp. near humile (Mayr)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Papyrius nitidus (Mayr)***Synonyms: Iridomyrmex nitida Mayr***Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Philidris cordata (F.Smith)***Synonyms: Iridomyrmex cordatus F.Smith***Status:** no record**Distribution:** Solomon Is (Macfarlane 1987)

**Philidris myrmecodiae (Emery)***Synonyms: Iridomyrmex myrmecodiae Emery***Status:** tending Homoptera**Distribution:** Malaysia Sabah (Conway 1971), Solomon Is (Williams 1960a)**Homoptera tended:** Criniticoccus tectus Williams, Solomon Islands (Williams 1960a)  
Planococcus citri (Risso), Malaysia Sabah (Conway 1971)**Tapinoma melanocephalum (Fabricius)****Status:** no record**Distribution:** Brazil (Delabie et al 2007), Ghana (Majer 1975)**Tapinoma sp.****Status:** no record**Distribution:** Brazil (Delabie et al 2007), Ghana (Bigger 1977), Togo (Dufour 1991)**Technomyrmex albipes (F. Smith)***Synonyms: Technomyrmex detorquens (Walker)***Status:** tending Homoptera**Distribution:** Ghana (Strickland 1951), Malaysia Sabah (Conway 1971), Papua New Guinea (Szent-Ivany 1961), Solomon Is (Williams 1960a), Sri Lanka (Le Pelley 1943)**Homoptera tended:** Criniticoccus theobromae Williams, Solomon Islands (Williams 1960a)

Planococcus lilacinus (Cockerell), Sri Lanka (Le Pelley 1943)

Planococcus minor (Maskell), Papua New Guinea (Williams 1960a), Solomon Islands (Williams 1960a)

Pseudococcus solomonensis Williams, Solomon Islands (Williams 1960a)

**Technomyrmex elatior Forel***Synonyms: Technomyrmex modiglianii elatior Forel***Status:** no record**Distribution:** Malaysia Sabah (Conway 1971)**Technomyrmex sp.***Synonyms: Engramma sp.***Status:** no record**Distribution:** Ghana (Collingwood 1973)**HYMENOPTERA FORMICIDAE DORYLINAE****Dorylus nigricans Illiger***Synonyms: Anomma nigricans (Illiger)***Status:** no record**Distribution:** Ghana (Strickland 1951)**HYMENOPTERA FORMICIDAE ECITONINAE****Eciton burchelli foreli Mayr****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Eciton sp.****Status:** no record**Distribution:** Trinidad & Tobago (Urich 1911)**Eciton vagans (Olivier)****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Labidus praedator (F. Smith)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)

**Neivamyrmex pilosus (F.Smith)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**HYMENOPTERA FORMICIDAE ECTATOMMINAE****Gnamptogenys haeschei (Emery)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Gnamptogenys moelleri (Forel)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Gnamptogenys sp. near horni (Santschi)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Gnamptogenys striatula Mayr****Status:** no record**Distribution:** Brazil (Majer Delabie & Smith 1994)**Typhlomyrmex sp.****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**HYMENOPTERA FORMICIDAE FORMICINAE****Acropyga (Rhizomyrma) berwicki Wheeler****Status:** no record**Distribution:** Trinidad & Tobago (Weber 1944)**Acropyga (Rhizomyrma) urichi Weber****Status:** no record**Distribution:** Brazil (Delabie et al 2007), Trinidad & Tobago (Weber 1944)**Acropyga (Rhizomyrma) wheeleri Mann****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Acropyga katherinae Weber****Status:** no record**Distribution:** Trinidad & Tobago (Weber 1944)**Acropyga sp.***Synonyms: Rhizomyrma sp.***Status:** tending Homoptera**Distribution:** Trinidad & Tobago (Strickland 1945)**Homoptera tended:** *Mixorthezia reynei* (Laing), Trinidad & Tobago (Strickland 1945)*Rhizoecus falcifer* Kunckel d'Herculis, Trinidad & Tobago (Strickland 1945)**Anoplolepis gracilipes (F.Smith)***Synonyms: Anoplolepis longipes (Jerdon), Plagiopolepis longipes Jerdon***Status:** branch feeder, predator, tending Homoptera**Distribution:** Indonesia Java (Paerels 1924), Indonesia Sulawesi (Bos Steffan-Dewenter & Tschartke 2007), Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Azhar 1983), Malaysia W. Malaysia (Miller 1941), Papua New Guinea (Szent-Ivany 1961), Solomon Is (Williams 1960a), Tanzania Zanzibar (Way 1953)**Predator of:** *Pantorhytes szentivanyi* Marshall, Papua New Guinea (Room 1975)*Tiracola plagiata* (Walker), Papua New Guinea (Entwistle 1972)**Homoptera tended:** *Exallomochlus hispidus* (Morrison), Malaysia W. Malaysia (Azhar 1983)

Planococcus minor (Maskell), Solomon Is. (Williams 1960a)

Rastrococcus iceryoides (Green), Malaysia (Miller 1941)

### **Brachymyrmex heeri Forel**

**Status:** flower feeder

**Distribution:** Brazil (Winder 1978)

### **Brachymyrmex pictus Mayr**

**Status:** flower feeder

**Distribution:** Brazil (Winder 1978)

### **Brachymyrmex sp.**

**Status:** tending Homoptera

**Distribution:** Colombia (Kondo Portilla & Navarro 2008)

**Homoptera tended:** Pseudococcus jackbeardsleyi Gimpel & Miller, Colombia (Kondo Portilla & Navarro 2008)

### **Camponotus (maculatus group) sp.**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

### **Camponotus acvapimensis Mayr**

**Status:** tending Homoptera

**Distribution:** Ghana (Majer 1975), Nigeria (Adedeji 1984), Togo (Nguyen-Ban 1984)

**Homoptera tended:** Formicococcus njalensis (Laing), Togo (Nguyen-Ban 1984)

Toxoptera aurantii (Boyer de Fonscolombe), Ghana (Firempong 1975)

### **Camponotus atriceps (F.Smith)**

*Synonyms:* *Camponotus abdominalis* (Fabricius)

**Status:** no record

**Distribution:** Brazil (Delabie et al 2007)

### **Camponotus barbarossa Emery**

*Synonyms:* *Camponotus barbarus*

**Status:** tending Homoptera

**Distribution:** Ghana (Firempong 1975)

**Homoptera tended:** Toxoptera aurantii (Boyer de Fonscolombe), Ghana (Firempong 1975)

### **Camponotus bidens Mayr**

**Status:** no record

**Distribution:** Brazil (Delabie et al 2007)

### **Camponotus blandus (F.Smith)**

**Status:** no record

**Distribution:** Brazil (Delabie et al 2007)

### **Camponotus brutus Forel**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

### **Camponotus canescens Mayr**

**Status:** no record

**Distribution:** Brazil (Delabie et al 2007), Costa Rica (Weber 1957)

### **Camponotus chartifex (F.Smith)**

**Status:** no record

**Distribution:** Brazil (Delabie et al 2007)

### **Camponotus chrysurus (Gerstaecker)**

**Status:** no record

**Distribution:** Ghana (Strickland 1951)

**Camponotus cingulatus Mayr****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Camponotus crassus Mayr****Status:** tending Homoptera**Distribution:** Brazil (Delabie et al 2007), Costa Rica (Lara & Shenefelt 1961)**Homoptera tended:** Toxoptera aurantii (Boyer de Fonscolombe), Costa Rica (Lara & Shenefelt 1961)**Camponotus flavomarginatus Mayr****Status:** no record**Distribution:** Ghana (Collingwood & King 1973)**Camponotus foraminosus Forel****Status:** no record**Distribution:** Ghana (Majer 1975)**Camponotus maculatus thomensis Santschi****Status:** no record**Distribution:** Sao Tome & Principe (Santschi 1920)**Camponotus novogranadensis Mayr****Status:** no record**Distribution:** Brazil (Delabie et al 2007), Costa Rica (Weber 1957)**Camponotus olivieri Forel****Status:** no record**Distribution:** Ghana (Bigger 1977)**Camponotus planatus Roger****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Camponotus renggeri Emery****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Camponotus sexguttatus (Fabricius)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Camponotus sp.****Status:** tending Homoptera**Distribution:** Brazil (Delabie et al 2007), Costa Rica (Weber 1957), Costa Rica (Weber 1957), Ghana (Strickland 1947a), Ivory Coast (Babacauh 1982), Malaysia Sabah (Conway 1971), Venezuela (Sanchez et al 2002)**Homoptera tended:** Formicococcus njalensis (Laing), Ivory Coast (Babacauh 1982)

Phenacoccus hargreavesi (Laing), Ghana (Strickland 1947a)

Planococcus citri (Risso), Ghana (Strickland 1947a), Malaysia Sabah (Conway 1971)

Toxoptera aurantii (Boyer de Fonscolombe), Malaysia Sabah (Conway 1971)

**Camponotus sp. near inconspicuus Mayr****Status:** no record**Distribution:** Malaysia Sabah (Conway 1971)**Camponotus trapezoideus Mayr****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Camponotus vittatus Forel****Status:** no record**Distribution:** Brazil (Delabie et al 2007)

**Camponotus vividus (F. Smith)****Status:** no record**Distribution:** Ghana (Majer 1975), Togo (Dufour 1991)**Camponotus zoc Forel****Status:** no record**Distribution:** Trinidad & Tobago (Urich 1911)**Lepisiota capensis (Mayr)***Synonyms: Acantholepis capensis Mayr***Status:** no record**Distribution:** Ghana (Evans 1971)**Lepisiota crinita (Mayr)***Synonyms: Acantholepis crinita Mayr***Status:** no record**Distribution:** Togo (Dufour 1991)**Lepisiota incisa (Forel)***Synonyms: Acantholepis capensis incisa Santschi***Status:** tending Homoptera**Distribution:** Ghana (Strickland 1951), Nigeria (Booker 1967)**Homoptera tended:** Formicococcus njalensis (Laing), Ghana (Strickland 1951)**Lepisiota sp.***Synonyms: Acantholepis sp.***Status:** no record**Distribution:** Ghana (Strickland 1951), Togo (Dufour 1991)**Myrmelachista sp.****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Oecophylla longinoda (Latreille)****Status:** predator, tending Homoptera**Distribution:** Cameroon (Mpe 2002), Ghana (Strickland 1947a), Ivory Coast (Alibert 1951), Nigeria (Newstead 1917), Togo (Alibert 1951), Zaire (Mayne & Ghesquiere 1934)**Predator of:** Bathycoelia thalassina (Herrich-Schaffer), Ghana (Owusu-Manu 1975), Nigeria (Eguagie 1975a)

Characoma stictigrapta Hampson, Ivory Coast (Alibert 1951)

Distantiella theobroma (Distant), Cameroon (Mpe 2002), Ghana (Williams 1954)

Pseudotharaptus devastans (Distant), Ghana (Lodos 1967a)

Sahlbergella singularis Haglund, Cameroon (Mpe 2002), Ghana (Cotterell 1943), Ivory Coast (Alibert 1951), Togo (Alibert 1951)

**Homoptera tended:** Formicococcus njalensis (Laing), Ivory Coast (Risbec 1955), Togo (Nguyen-Ban 1984)

Parastictococcus anonae (Green &amp; Laing), Ivory Coast (Couturier Matile-Ferrero &amp; Richard 1985)

Parastictococcus gowdeyi (Newstead), Ivory Coast (Couturier Matile-Ferrero &amp; Richard 1985), Nigeria

(Newstead 1917), Zaire (Mayne &amp; Ghesquiere 1934)

Parastictococcus hargreavesi (Vayssiere), Ivory Coast (Couturier Matile-Ferrero &amp; Richard 1985)

Parastictococcus multispinosus (Newstead), Ivory Coast (Couturier Matile-Ferrero &amp; Richard 1985), Nigeria (Lamborn 1914)

Phenacoccus hargreavesi (Laing), Ivory Coast (Couturier Matile-Ferrero &amp; Richard 1985)

Planococcus kenya (Le Pelley), Ivory Coast (Couturier Matile-Ferrero &amp; Richard 1985)

Stictococcus formicarius Newstead, Zaire (Mayne &amp; Ghesquiere 1934)

Stictococcus sjostedti Cockerell, Ghana (Campbell 1984), Nigeria (Lamborn 1914), Zaire (Mayne &amp; Ghesquiere 1934)

Tylococcus westwoodi Strickland, Ivory Coast (Risbec 1955)

**Oecophylla smaragdina (Fabricius)****Status:** predator, tending Homoptera**Distribution:** India (Abraham & Padmanaban 1967), Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Chung & Mohamed 1995), Papua New Guinea (Szent-Ivany 1961), Solomon Is (Williams 1960a), Sri Lanka (Fernando 1956)



**Predator of:** *Helopeltis theivora theobromae* Miller, Malaysia W.Malaysia (Way & Khoo 1991)  
*Pantorhytes biplagiatus* (Guerin-Meneville), Solomon Is. (Friend 1973)  
*Pseudodoniella typica* (China & Carvalho), Papua New Guinea (Dun 1954a)  
**Homoptera tended:** *Maculicoccus malaitensis* (Cockerell), Solomon Is. (Williams 1960a)  
*Mutabilicoccus* sp. , Papua New Guinea (Szent-Ivany & Dun 1964)  
*Planococcus citri* (Risso), Sri Lanka (Fernando 1956)  
*Planococcus lilacinus* (Cockerell), Malaysia (Khoo Ooi & Ho 1991), Sri Lanka (Fernando 1956)  
*Planococcus minor* (Maskell), Solomon Is. (Williams 1960a)  
*Rastrococcus iceryoides* (Green), India (Abraham & Padmanaban 1967)  
*Rastrococcus spinosus* (Robinson), Malaysia (Khoo Ooi & Ho 1991)

### **Paratrechina fulva (Mayr)**

**Status:** no record

**Distribution:** Brazil (Delabie et al 2007)

### **Paratrechina longicornis (Latreille)**

**Status:** no record

**Distribution:** Brazil (Delabie et al 2007), Sao Tome & Principe (Santschi 1920)

### **Paratrechina sp.**

**Status:** tending Homoptera

**Distribution:** Brazil (Delabie et al 2007), Colombia (Kondo Portilla & Navarro 2008), Ghana (Majer 1975), Indonesia Sulawesi (Bos Steffan-Dewenter & Tschardt 2007), Malaysia Sabah (Conway 1971), Togo (Dufour 1991)

**Homoptera tended:** *Nipaecoccus nipae* (Maskell), Colombia (Kondo Portilla & Navarro 2008)

### **Phasmomyrmex aberrans (Mayr)**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

### **Phasmomyrmex paradoxus (Andre)**

*Synonyms:* *Camponotus polyrhachioides* (Emery), *Phasmomyrmex polyrhachioides* (Emery)

**Status:** no record

**Distribution:** Ghana (Strickland 1951)

### **Plagiolepis brunni Mayr**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

### **Plagiolepis sp.**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Chung & Mohamed 1995), Togo (Dufour 1991)

### **Polyrhachis armata (Le Guillon)**

**Status:** no record

**Distribution:** Malaysia Sabah (Conway 1971)

### **Polyrhachis decemdentata Andre**

**Status:** no record

**Distribution:** Ghana (Majer 1975), Nigeria (Booker 1967)

### **Polyrhachis dives F.Smith**

**Status:** no record

**Distribution:** Malaysia Sabah (Conway 1971)

### **Polyrhachis fissa Mayr**

**Status:** no record

**Distribution:** Ghana (Strickland 1951)

### **Polyrhachis laboriosa F.Smith**

**Status:** no record

**Distribution:** Ghana (Strickland 1951)

**Polyrhachis militaris (Fabricius)****Status:** no record**Distribution:** Ghana (Strickland 1951), Togo (Dufour 1991)**Polyrhachis monista Santschi****Status:** no record**Distribution:** Ghana (Majer 1975), Nigeria (Booker 1967)**Polyrhachis revoili Andre****Status:** no record**Distribution:** Ghana (Strickland 1951)**Polyrhachis sp.****Status:** no record**Distribution:** Ghana (Strickland 1951), Indonesia Sulawesi (Bos Steffan-Dewenter & Tschamtkke 2007)**HYMENOPTERA FORMICIDAE MYRMECINAE****Acanthognathus ocellatus Mayr****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Acromyrmex octospinosus (Reich)****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Urich 1911)**Acromyrmex octospinosus echinator Forel****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Acromyrmex sp.****Status:** leaf feeder**Distribution:** Brazil (Silva 1944a), Peru (Wille 1952)**Acromyrmex subterraneus brunneus Forel****Status:** flower feeder, leaf feeder**Distribution:** Brazil (Delabie 1989)**Acromyrmex subterraneus Forel****Status:** flower feeder, leaf feeder**Distribution:** Brazil (Bondar 1923b)**Adelomyrmex myops (Wheeler)***Synonyms: Apsychoomyrmex myops Wheeler***Status:** no record**Distribution:** Costa Rica (Weber 1957)**Aphaenogaster phalangium Emery****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Apterostigma mayri Forel****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Atopomyrmex mocquersyi Andre****Status:** no record**Distribution:** Ghana (Strickland 1951)

**Atta cephalotes (Linnaeus)****Status:** leaf feeder**Distribution:** Brazil (Bondar 1939a), Costa Rica (Weber 1957), Ecuador (Plank 1921), Surinam (Van Dinther 1960), Trinidad & Tobago (Urich 1911)**Atta colombica tonsipes Santschi****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Atta sexdens (Linnaeus)****Status:** leaf feeder**Distribution:** Brazil (Azavedo 1925), Ecuador (Plank 1921), Peru (Escalante 1974), Surinam (Van Dinther 1960), Trinidad & Tobago (Urich 1911)**Cardiocondyla obscurior Wheeler****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Cataulacus brevisetosus Forel****Status:** no record**Distribution:** Ghana (Majer 1975)**Cataulacus guineensis F.Smith***Synonyms: Cataulacus parallelus F.Smith***Status:** no record**Distribution:** Ghana (Strickland 1951), Nigeria (Booker 1967), Togo (Dufour 1991)**Cataulacus mocquersyi E.Andre****Status:** no record**Distribution:** Ghana (Majer 1975)**Cataulacus sp.****Status:** no record**Distribution:** Ghana (Strickland 1951), Nigeria (Booker 1967)**Cephalotes angustus (Mayr)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Cephalotes atratus Linnaeus***Synonyms: Cryptocerus atratus Linnaeus***Status:** no record**Distribution:** Brazil (Silva 1957), Guyana (Bodkin 1917), Trinidad & Tobago (Urich 1911)**Cephalotes frigidus (Kempf)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Cephalotes maculatus (F.Smith)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Cephalotes minutus (Fabricius)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Cephalotes pallens (Klug)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Cephalotes simillimus (Kempf)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)

**Crematogaster ?kneri Mayr****Status:** tending Homoptera**Distribution:** Ghana (Strickland 1947a)**Homoptera tended:** Formicococcus njalensis (Laing), Ghana (Strickland 1947a)  
Planococcus citri (Risso), Ghana (Strickland 1947a)**Crematogaster ?parabiotica Forel****Status:** flower feeder**Distribution:** Brazil (Winder 1978), Brazil (Winder 1978)**Crematogaster acuta (Fabricius)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Crematogaster africana Mayr****Status:** flower feeder, fruit feeder, predator, tending Homoptera**Distribution:** Ghana (Strickland 1947a), Ivory Coast (Alibert 1951), Togo (Dufour 1991)**Predator of:** Distantiella theobroma (Distant), Ghana (Marchart 1968)**Homoptera tended:** Formicococcus njalensis (Laing), Ghana (Strickland 1947a)  
Toxoptera aurantii (Boyer de Fonscolombe), Ivory Coast (Alibert 1951)**Crematogaster brevispinosa Mayr****Status:** no record**Distribution:** Jamaica (Ritchie 1919), Trinidad & Tobago (Kirkpatrick 1953b)**Crematogaster brevispinosa var minutior Forel****Status:** no record**Distribution:** Costa Rica (Weber 1957), Grenada (Anon 1921)**Crematogaster buchneri Forel****Status:** fruit feeder**Distribution:** Ghana (Strickland 1951), Nigeria (Eguagie 1975b)**Crematogaster castanea F.Smith****Status:** tending Homoptera**Distribution:** Ghana (Majer 1975), Togo (Dufour 1991)**Homoptera tended:** Formicococcus njalensis (Laing), Ghana (Campbell 1984)**Crematogaster clariventris (Mayr)****Status:** fruit feeder, predator, tending Homoptera**Distribution:** Ghana (Collingwood 1969), Nigeria (Eguagie 1975b), Togo (Dufour 1991)**Predator of:** Bathycoelia thalassina (Herrich-Schaffer), Ghana (Firempong 1976)  
Mesohomotoma tessmanni (Aulmann), Ghana (Firempong 1976)

Toxoptera aurantii (Boyer de Fonscolombe), Ghana (Firempong 1976)

**Homoptera tended:** Stictococcus sjostedti Cockerell, Ghana (Campbell 1994)  
Waxiella sp. near zonata (Newstead), Ghana (Campbell 1994)**Crematogaster curvispinosa Mayr****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Crematogaster cuvieraie Donisthorpe****Status:** tending Homoptera**Distribution:** Ghana (Strickland 1947a)**Homoptera tended:** Formicococcus njalensis (Laing), Ghana (Strickland 1947a)**Crematogaster depressa (Latreille)****Status:** predator, tending Homoptera**Distribution:** Cameroon (Dejean et al 1991), Ghana (Strickland 1951), Nigeria (Adedeji 1984)**Predator of:** Bathycoelia thalassina (Herrich-Schaffer), Ghana (Lodos 1968b)  
Distantiella theobroma (Distant), Ghana (Marchart 1968)**Homoptera tended:** Aphis spiraeicola Patch, Cameroon (Dejean et al 1991)

**Crematogaster dorsidens Santschi****Status:** no record**Distribution:** Brazil (Bondar 1939a)**Crematogaster erecta Mayr****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Crematogaster evallans Forel***Synonyms: Crematogaster evallescens Forel***Status:** tending Homoptera**Distribution:** Brazil (Bondar 1939a)**Homoptera tended:** Bolbonota pictipennis Fairmaire, Brazil (Bondar 1924b)

Horiola picta Fabricius, Brazil (Bondar 1924b)

Tragopa fulvovaria Fairmaire, Brazil (Bondar 1924b)

Tragopa humeralis Fairmaire, Brazil (Bondar 1924b)

Tragopa nitida Germar, Brazil (Bondar 1924b)

Tropidolomia auriculata (Olivier), Brazil (Bondar 1924b)

**Crematogaster gabonensis Emery****Status:** no record**Distribution:** Ghana (Majer 1975)**Crematogaster jullieni Santschi****Status:** no record**Distribution:** Ghana (Strickland 1951)**Crematogaster kneri Mayr****Status:** no record**Distribution:** Ghana (Strickland 1951)**Crematogaster limata F.Smith****Status:** tending Homoptera**Distribution:** Brazil (Delabie et al 2007), Costa Rica (Lara & Shenefelt 1961)**Homoptera tended:** Aphis gossypii Glover, Costa Rica (Lara & Shenefelt 1961)

Toxoptera aurantii (Boyer de Fonscolombe), Costa Rica (Lara &amp; Shenefelt 1961)

**Crematogaster limata palans Forel****Status:** no record**Distribution:** Costa Rica (Young 1986b)**Crematogaster luctans Forel****Status:** tending Homoptera**Distribution:** Ghana (Strickland 1947a), Nigeria (Entwistle 1972), Togo (Dufour 1991)**Homoptera tended:** Formicococcus njalensis (Laing), Ghana (Strickland 1947a), Nigeria (Entwistle 1972)

Planococcus citri (Risso), Ghana (Strickland 1947a)

**Crematogaster magnifica Santschi****Status:** no record**Distribution:** Brazil (Bondar 1939a)**Crematogaster montezumia F.Smith****Status:** no record**Distribution:** Brazil (Bondar 1939a)**Crematogaster petiolidens Forel****Status:** no record**Distribution:** Ghana (Majer 1975)**Crematogaster sp.****Status:** predator, tending Homoptera**Distribution:** Barbados (Anon 1914a), Colombia (Kondo Portilla & Navarro 2008), Ghana (Firempong 1975), Ghana (Strickland 1947a), Grenada (Williams 1922), Indonesia Sulawesi (Bos Steffan-Dewenter & Tschamtko)

2007), Ivory Coast (Alibert 1951), Ivory Coast (Nguyen-Ban 1975b), Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Azhar 1983), Malaysia W. Malaysia (Chung & Mohamed 1995), Nigeria (Sutherland 1953), Surinam (Dammerman 1929), Togo (Dufour 1991), Togo (Nguyen-Ban 1984), Trinidad & Tobago (Urich 1911), Zaire (Mayne & Ghesquiere 1934)

**Predator of:** *Characoma stictigrapta* Hampson, Ghana (Akotoye 1975)

*Cleoporus theobromae* Gressitt, Ivory Coast (Nguyen-Ban 1975b)

**Homoptera tended:** *Dysmicoccus brevipes* (Cockerell), Colombia (Kondo Portilla & Navarro 2008)

*Dysmicoccus texensis* (Tinsley), Colombia (Kondo Portilla & Navarro 2008)

*Exallomochlus hispidus* (Morrison), Malaysia W. Malaysia (Azhar 1983)

*Formicococcus njalensis* (Laing), Ivory Coast (Babacauh 1982), Togo (Nguyen-Ban 1984)

*Parastictococcus gowdeyi* (Newstead), Ivory Coast (Couturier Matile-Ferrero & Richard 1985), Zaire (Mayne & Ghesquiere 1934)

*Phenacoccus hargreavesi* (Laing), Ghana (Strickland 1947a)

*Planococcus citri* (Risso), Ghana (Strickland 1947a)

*Stictococcus formicarius* Newstead, Zaire (Mayne & Ghesquiere 1934)

*Stictococcus sjostedti* Cockerell, Ghana (Strickland 1947a), Zaire (Mayne & Ghesquiere 1934)

*Toxoptera aurantii* (Boyer de Fonscolombe), Ghana (Firempong 1975)

### **Crematogaster sp. near nesiotis Mann**

**Status:** no record

**Distribution:** Papua New Guinea (Entwistle 1972)

### **Crematogaster sp. near quadriformis Roger**

**Status:** no record

**Distribution:** Brazil (Majer Delabie & Smith 1994)

### **Crematogaster stadelmanni Mayr**

**Status:** tending Homoptera

**Distribution:** Ghana (Strickland 1947a)

**Homoptera tended:** *Formicococcus njalensis* (Laing), Ghana (Strickland 1947a)

*Tylococcus westwoodi* Strickland, Ghana (Campbell 1983)

### **Crematogaster striatula Emery**

**Status:** tending Homoptera

**Distribution:** Ghana (Strickland 1947a), Nigeria (Entwistle 1972), Togo (Dufour 1991)

**Homoptera tended:** *Formicococcus njalensis* (Laing), Ghana (Strickland 1947a), Nigeria (Entwistle 1972)

### **Crematogaster victima F. Smith**

**Status:** no record

**Distribution:** Brazil (Delabie et al 2007)

### **Crematogaster wellmani Forel**

*Synonyms:* *Crematogaster boxi* Donisthorpe

**Status:** tending Homoptera

**Distribution:** Ghana (Strickland 1947a)

**Homoptera tended:** *Formicococcus njalensis* (Laing), Ghana (Strickland 1947a)

### **Cyphomyrmex rimosus (Spinola)**

**Status:** no record

**Distribution:** Costa Rica (Weber 1957)

### **Daceton armigerum (Latreille)**

**Status:** no record

**Distribution:** Guyana (Bodkin 1917)

### **Diplomorium sp.**

**Status:** no record

**Distribution:** Malaysia Sabah (Conway 1971)

### **Leptothorax pittieri Forel**

**Status:** no record

**Distribution:** Costa Rica (Weber 1957)

**Leptothorax sp. near grisoni Forel****Status:** no record**Distribution:** Ghana (Majer 1975)**Lophomyrmex bedoti Emery****Status:** tending Homoptera**Distribution:** Malaysia Sabah (Conway 1971)**Homoptera tended:** Ferrisia virgata (Cockerell), Malaysia Sabah (Conway 1971)

Planococcus citri (Risso), Malaysia Sabah (Conway 1971)

**Megalomyrmex silvestrii Wheeler****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Meranoplus belli Forel****Status:** no record**Distribution:** Malaysia Sabah (Conway 1971)**Meranoplus nanus E.Andre****Status:** tending Homoptera**Distribution:** Ghana (Strickland 1947a)**Homoptera tended:** Formicococcus njalensis (Laing), Ghana (Strickland 1947a)**Monomorium bicolor Emery****Status:** no record**Distribution:** Ghana (Strickland 1951), Togo (Dufour 1991)**Monomorium destructor (Jerdon)****Status:** tending Homoptera**Distribution:** Puerto Rico (Wolcott 1936)**Homoptera tended:** Toxoptera aurantii (Boyer de Fonscolombe), Puerto Rico (Wolcott 1936)**Monomorium floricola (Jerdon)****Status:** no record**Distribution:** Brazil (Delabie et al 2007), Ghana (Strickland 1951), Togo (Dufour 1991)**Monomorium pharaonis (Linnaeus)****Status:** tending Homoptera**Distribution:** Ghana (Strickland 1947a), Sao Tome & Principe (Santschi 1920)**Homoptera tended:** Formicococcus njalensis (Laing), Ghana (Strickland 1947a)**Monomorium sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Mycocepurus smithii (Forel)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Mycocepurus tardus Weber****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Myrmicaria arachnoides (F.Smith)****Status:** tending Homoptera**Distribution:** Indonesia Java (Kalshoven 1950-51)**Homoptera tended:** Coccus viridis (Green), Indonesia Java (Kalshoven 1950-51)**Myrmicaria brunnea Saunders****Status:** no record**Distribution:** Malaysia Sabah (Conway 1971)

**Myrmicaria insularis Santschi****Status:** no record**Distribution:** Sao Tome & Principe (Santschi 1920)**Myrmicaria striata Stitz****Status:** no record**Distribution:** Nigeria (Adedeji 1984)**Myrmicocrypta sp.****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Nesomyrmex asper (Emery)***Synonyms: Leptothorax tristani Emery***Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Octostruma iheringi (Emery)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Paedalgus termitolestes Wheeler****Status:** tending Homoptera**Distribution:** Ghana (Strickland 1951)**Homoptera tended:** Formicococcus njalensis (Laing), Ghana (Strickland 1951)**Pheidole ?flavens Roger****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Pheidole biconstricta Mayr****Status:** no record**Distribution:** Trinidad & Tobago (Urich 1911)**Pheidole fabricator (F.Smith)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Pheidole megacephala (Fabricius)****Status:** predator, tending Homoptera**Distribution:** Brazil (Delabie et al 2007), Ghana (Strickland 1951), Hawaii (Chang 1985), Ivory Coast (Babacauh 1982), Nigeria (Adedeji 1984), Papua New Guinea (Entwistle 1972), Sao Tome & Principe (Santschi 1920), Solomon Is (Macfarlane 1987), Tanzania Zanzibar (Tait 1954)**Predator of:** Bathycoelia thalassina (Herrich-Schaffer), Ghana (Lodos 1968b)

Distantiella theobroma (Distant), Ghana (Williams 1954)

Pseudothertaptus devastans (Distant), Ghana (Lodos 1967a)

Pseudothertaptus wayi Brown, Tanzania Zanzibar (Tait 1954)

Tiracola plagiata (Walker), Papua New Guinea (Entwistle 1972)

**Homoptera tended:** Dysmicoccus neobrevipes Beardsley, Hawaii (Chang 1985)

Formicococcus njalensis (Laing), Ghana (Strickland 1951), Ivory Coast (Babacauh 1982)

Planococcus citri (Risso), Ghana (Campbell 1994)

**Pheidole midas Wilson****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Pheidole sp.****Status:** flower feeder, tending Homoptera**Distribution:** Brazil (Delabie et al 2007), Brazil (Winder 1978), Colombia (Kondo Portilla & Navarro 2008), Costa Rica (Weber 1957), Ghana (Majer 1975), Ghana (Strickland 1947a), Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Yunus & Ho 1980), Togo (Dufour 1991)**Homoptera tended:** Dysmicoccus brevipes (Cockerell), Colombia (Kondo Portilla & Navarro 2008)

Phenacoccus hargreavesi (Laing), Ghana (Strickland 1947a)



Planococcus citri (Risso), Ghana (Strickland 1947a)  
 Stictococcus sjostedti Cockerell, Ghana (Strickland 1947a)  
 Toxoptera aurantii (Boyer de Fonscolombe), Ghana (Firempong 1975)

**Pheidole sp. near biconstricta Mayr**

**Status:** no record  
**Distribution:** Costa Rica (Weber 1957)

**Pheidole sp. near tristis (F. Smith)**

**Status:** no record  
**Distribution:** Brazil (Delabie et al 2007)

**Pheidole speculifera Emery**

**Status:** no record  
**Distribution:** Ghana (Majer 1975)

**Pheidole subarmata Mayr**

*Synonyms: Pheidole cornutula Emery*  
**Status:** no record  
**Distribution:** Brazil (Delabie et al 2007)

**Pheidole susannae Forel**

**Status:** no record  
**Distribution:** Costa Rica (Weber 1957)

**Pheidole tachigaliae Wheeler**

**Status:** no record  
**Distribution:** Brazil (Delabie et al 2007)

**Pheidole transversostriata Mayr**

**Status:** no record  
**Distribution:** Brazil (Delabie et al 2007)

**Pheidologeton sp.**

**Status:** no record  
**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Procryptocerus marginatus Borgmeier**

**Status:** no record  
**Distribution:** Brazil (Delabie et al 2007)

**Pyramica alberti (Forel)**

**Status:** no record  
**Distribution:** Brazil (Delabie et al 2007)

**Pyramica eggersi (Emery)**

**Status:** no record  
**Distribution:** Brazil (Delabie et al 2007)

**Pyramica schulzi (Emery)**

**Status:** no record  
**Distribution:** Brazil (Delabie et al 2007)

**Rogeria subarmata (Kempf)**

**Status:** no record  
**Distribution:** Brazil (Delabie et al 2007)

**Sericomyrmex amabilis Wheeler**

**Status:** no record  
**Distribution:** Costa Rica (Weber 1957)

**Sericomyrmex bondari Borgmeier**

**Status:** no record  
**Distribution:** Brazil (Bondar 1939a)

**Serrastruma lujae (Forel)****Status:** no record**Distribution:** Ghana (Majer 1975)**Solenopsis brasiliana Santschi****Status:** no record**Distribution:** Brazil (Bondar 1939a)**Solenopsis geminata (Fabricius)***Synonyms: Solenopsis edouardi bahiaensis Santschi, Solenopsis geminata medusa Mann, Solenopsis geminata var nigra Forel, Solenopsis geminata var rufa (Jerdon)***Status:** tending Homoptera**Distribution:** Brazil (Bondar 1939a), Costa Rica (Weber 1957), Dominican Republic (Wolcott 1922), Papua New Guinea (Entwistle 1972), Surinam (Dammerman 1929), Trinidad & Tobago (Kirkpatrick 1953b)**Homoptera tended:** Dysmicoccus brevipes (Cockerell), Costa Rica (Weber 1957)

Dysmicoccus sp. , Trinidad &amp; Tobago (Kirkpatrick 1953b)

Dysmicoccus sp. near brevipes (Cockerell), Costa Rica (Weber 1957)

Planococcus citri (Risso), Costa Rica (Weber 1957), Dominican Republic (Wolcott 1922), Trinidad &amp; Tobago (Kirkpatrick 1953b)

Planococcus minor (Maskell), Papua New Guinea (Entwistle 1972)

Sitobion martorelli (Smith), Dominican Republic (Smith 1960)

Toxoptera aurantii (Boyer de Fonscolombe), Brazil (Silva 1944a), Dominican Republic (Wolcott 1922)

**Solenopsis nitens Bingham****Status:** no record**Distribution:** Sri Lanka (Fernando 1956)**Solenopsis picea Emery****Status:** tending Homoptera**Distribution:** Costa Rica (Weber 1957), Trinidad & Tobago (Kirkpatrick 1953b)**Homoptera tended:** Dysmicoccus brevipes (Cockerell), Costa Rica (Weber 1957)

Dysmicoccus sp. near brevipes (Cockerell), Costa Rica (Weber 1957)

Planococcus citri (Risso), Costa Rica (Weber 1957)

**Solenopsis pollux Forel****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Solenopsis sp.****Status:** flower feeder**Distribution:** Brazil (Winder 1978), Colombia (Kondo Portilla & Navarro 2008), Ghana (Strickland 1951), Trinidad & Tobago (Kirkpatrick 1953b)**Homoptera tended:** Dysmicoccus brevipes (Cockerell), Colombia (Kondo Portilla & Navarro 2008)**Solenopsis virulens (F. Smith)***Synonyms: Solenopsis bondari Santschi***Status:** no record**Distribution:** Brazil (Bondar 1939a)**Strumigenys cacaoensis Bolton****Status:** no record**Distribution:** Ghana (Majer 1975)**Strumigenys louisianae Roger****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Tetramorium aculeatum (Mayr)***Synonyms: Macromischoides aculeatus (Mayr)***Status:** predator**Distribution:** Cameroon (Mpe 2002), Ghana (Strickland 1951), Ivory Coast (Nguyen-Ban 1975b), Nigeria (Booker 1967), Togo (Dufour 1991)**Predator of:** Cleoporus theobromae Gressitt, Ivory Coast (Nguyen-Ban 1975b)

*Distantiella theobroma* (Distant), Cameroon (Mpe 2002), Ghana (Marchart 1968)  
*Sahlbergella singularis* Haglund, Cameroon (Mpe 2002)

### **Tetramorium guineense (Bernard)**

**Status:** tending Homoptera

**Distribution:** Guyana (Crawley 1916)

**Homoptera tended:** *Planococcus citri* (Risso), Guyana (Crawley 1916)

### **Tetramorium lucayanum Wheeler**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

### **Tetramorium simillimum (F.Smith)**

**Status:** no record

**Distribution:** Ghana (Strickland 1951)

### **Tetramorium sp.**

*Synonyms:* *Triglyphothrix* sp.

**Status:** no record

**Distribution:** Ghana (Strickland 1951), Togo (Dufour 1991)

### **Trachymyrmex cornetzi (Forel)**

**Status:** no record

**Distribution:** Costa Rica (Weber 1957)

### **Wasmannia auropunctata (Roger)**

*Synonyms:* *Ochetomyrmex auropunctatus* (Roger)

**Status:** predator, tending Homoptera

**Distribution:** Brazil (Plank 1921), Cameroon (Bruneau De Mire 1969), Colombia (De Franco 1958), Costa Rica (Weber 1957), Solomon Is (Ikin 1984), Trinidad & Tobago (Kirkpatrick 1953b), Venezuela (Goitia Bosque & Jaffe 1992)

**Predator of:** *Distantiella theobroma* (Distant), Cameroon (Bruneau De Mire 1969)

*Sahlbergella singularis* Haglund, Cameroon (Bruneau De Mire 1969)

*Selenothrips rubrocinctus* (Giard), Trinidad & Tobago (Williams 1918)

**Homoptera tended:** *Coccus viridis* (Green), Brazil (Entwistle 1972)

*Dysmicoccus brevipes* (Cockerell), Colombia (Kondo Portilla & Navarro 2008)

*Dysmicoccus* sp. near *brevipes* (Cockerell), Trinidad & Tobago (Kirkpatrick 1953b)

*Mesohomotoma tessmanni* (Aulmann), Cameroon (Bruneau De Mire 1969)

*Nipaecoccus neogaeus* Williams & Granara de Willink, Colombia (Kondo Portilla & Navarro 2008)

*Planococcus citri* (Risso), Brazil (Delabie & Cazorla 1991)

*Pseudococcus jackbeardsleyi* Gimpel & Miller, Colombia (Kondo Portilla & Navarro 2008)

*Puto barberi* (Cockerell), Trinidad & Tobago (Kirkpatrick 1953b)

*Saissetia* sp., Cameroon (Bruneau De Mire 1969)

### **Wasmannia rochai Forel**

**Status:** no record

**Distribution:** Brazil (De Souza Delabie & Fowler 1998)

## **HYMENOPTERA FORMICIDAE PONERINAE**

### **Anochetus africanus (Mayr)**

**Status:** no record

**Distribution:** Ghana (Majer 1975)

### **Anochetus emarginatus Fabricius**

**Status:** no record

**Distribution:** Trinidad & Tobago (Urich 1911)

### **Anochetus mayri Emery**

**Status:** no record

**Distribution:** Brazil (Delabie et al 2007)

**Anochetus pellucidus Emery****Status:** no record**Distribution:** Ghana (Majer 1975)**Anochetus sp.****Status:** no record**Distribution:** Ghana (Strickland 1951)**Diacamma rugosum (Le Guillou)****Status:** no record**Distribution:** Malaysia W. Malaysia (Chung & Mohamed 1995)**Ectatomma ruidum (Roger)****Status:** tending Homoptera**Distribution:** Costa Rica (Weber 1957), Trinidad & Tobago (Kirkpatrick 1953b)**Homoptera tended:** *Ferrisia virgata* (Cockerell), Trinidad & Tobago (Kirkpatrick 1953b)  
*Planococcus citri* (Risso), Costa Rica (Weber 1957)**Ectatomma tuberculatum (Olivier)****Status:** predator, tending Homoptera**Distribution:** Brazil (Bondar 1939a), Costa Rica (Weber 1957), Mexico (Valenzuela-Gonzales Lopez-Mendez & Lachaud 1995), Trinidad & Tobago (Kirkpatrick 1953b)**Predator of:** *Selenothrips rubrocinctus* (Giard), Brazil (Delabie et al 2007)**Homoptera tended:** *Planococcus citri* (Risso), Costa Rica (Weber 1957)  
*Toxoptera aurantii* (Boyer de Fonscolombe), Costa Rica (Lara & Shenefelt 1961)**Ectatomma tuberculatum punctigerum Weber****Status:** tending Homoptera**Distribution:** Costa Rica (Lara & Shenefelt 1961)**Homoptera tended:** *Aphis gossypii* Glover, Costa Rica (Lara & Shenefelt 1961)  
*Toxoptera aurantii* (Boyer de Fonscolombe), Costa Rica (Lara & Shenefelt 1961)**Leptogenys arcuata Roger****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Odontomachus chelifer (Latreille)****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Odontomachus erythrocephalus Emery***Synonyms:* *Odontomachus haematodus erythrocephalus* Emery**Status:** no record**Distribution:** Costa Rica (Weber 1957)**Odontomachus haematodus (Linnaeus)****Status:** predator, tending Homoptera**Distribution:** Brazil (Delabie et al 2007), Ghana (Strickland 1951), Nigeria (Eguagie 1975a), Sao Tome & Principe (Santschi 1920), Sri Lanka (Fernando 1956), Trinidad & Tobago (Urich 1911)**Predator of:** *Bathycoelia thalassina* (Herrich-Schaffer), Nigeria (Eguagie 1975a)  
*Formicococcus njalensis* (Laing), Ghana (Evans & Leston 1971)**Homoptera tended:** *Planococcus lilacinus* (Cockerell), Sri Lanka (Fernando 1956)  
*Stictococcus sjostedti* Cockerell, Ghana (Evans & Leston 1971)*Toxoptera aurantii* (Boyer de Fonscolombe), Ghana (Evans & Leston 1971)**Odontomachus troglodytes Santschi****Status:** no record**Distribution:** Togo (Dufour 1991)**Pachycondyla apicalis (Latreille)***Synonyms:* *Neoponera apicalis* (Latreille)**Status:** no record**Distribution:** Brazil (Delabie et al 2007), Costa Rica (Weber 1957)

**Pachycondyla arhuaca (Forel)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Pachycondyla carinulata (Roger)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Pachycondyla crenata (Roger)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Pachycondyla harpax (Fabricius)****Status:** stem/trunk feeder**Distribution:** Brazil (Delabie et al 2007), Costa Rica (Weber 1957)**Pachycondyla haskinsi (Weber)***Synonyms: Wadeura haskinsi Weber***Status:** no record**Distribution:** Costa Rica (Weber 1957)**Pachycondyla sp.***Synonyms: Neoponera sp.***Status:** no record**Distribution:** Brazil (Bondar 1939a)**Pachycondyla tarsata (Fabricius)***Synonyms: Paltothyreus tarsatus (Fabricius)***Status:** predator**Distribution:** Ghana (Majer 1975), Nigeria (Eguagie 1975a)**Predator of:** Bathycoelia thalassina (Herrich-Schaffer), Nigeria (Eguagie 1975a)**Pachycondyla unidentata Mayr****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Pachycondyla villosa (Fabricius)***Synonyms: Neoponera villosa (Fabricius)***Status:** predator**Distribution:** Brazil (Delabie et al 2007), Costa Rica (Weber 1957), Mexico (Valenzuela-Gonzalez Lopez-Mendez & Garcia-Ballinas 1994)**Predator of:** Clastoptera globosa Fowler, Mexico (Valenzuela-Gonzalez Lopez-Mendez & Garcia-Ballinas 1994)**Pachycondyla villosa inversa (F. Smith)***Synonyms: Neoponera villosa inversa F. Smith***Status:** no record**Distribution:** Guyana (Bodkin 1917)**Paraponera clavata (Fabricius)****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Platythyrea conradti Emery****Status:** predator**Distribution:** Ghana (Strickland 1951)**Predator of:** Distantiella theobroma (Distant), Ghana (Marchart 1968)**Platythyrea modesta Emery****Status:** no record**Distribution:** Ghana (Majer 1975)

**Simopone sp.****Status:** no record**Distribution:** Ghana (Majer 1975)**Thaumatomyrmex contumax Kempf****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**HYMENOPTERA FORMICIDAE PSEUDOMYRMECINAE****Pseudomyrmex elongatus Mayr****Status:** no record**Distribution:** Costa Rica (Weber 1957)**Pseudomyrmex flavidulus (F.Smith)****Status:** no record**Distribution:** Brazil (Majer Delabie & Smith 1994)**Pseudomyrmex gracilis (Fabricius)****Status:** no record**Distribution:** Brazil (Delabie et al 2007), Costa Rica (Weber 1957)**Pseudomyrmex oculatus (F.Smith)****Status:** no record**Distribution:** Brazil (Majer Delabie & Smith 1994)**Pseudomyrmex sp.****Status:** no record**Distribution:** Brazil (Delabie et al 2007), Costa Rica (Weber 1957), Mexico (Johansen 1976)**Pseudomyrmex tenuis (Fabricius)****Status:** no record**Distribution:** Brazil (Delabie et al 2007)**Tetraoponera anthracina (Santschi)****Status:** no record**Distribution:** Ghana (Strickland 1951), Nigeria (Booker 1967)**Tetraoponera nigra (Jerdon)****Status:** no record**Distribution:** Malaysia Sabah (Conway 1971)**Tetraoponera ophthalmica (Emery)****Status:** no record**Distribution:** Ghana (Majer 1975)**Tetraoponera sp.***Synonyms:* *Pachysima sp.***Status:** predator, tending Homoptera**Distribution:** Ghana (Lodos 1968b), Zaire (Mayne & Ghesquiere 1934)**Predator of:** *Bathycyba thalassina* (Herrich-Schaffer), Ghana (Lodos 1968b)**Homoptera tended:** *Parastictococcus gowdeyi* (Newstead), Zaire (Mayne & Ghesquiere 1934)*Stictococcus formicarius* Newstead, Zaire (Mayne & Ghesquiere 1934)*Stictococcus sjostedti* Cockerell, Zaire (Mayne & Ghesquiere 1934)**HYMENOPTERA HALICTIDAE****Lasioglossum sp.****Status:** pollinator**Distribution:** Ghana (Kaufmann 1975)

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## HYMENOPTERA ICHNEUMONIDAE

### Agrypon sp.

*Synonyms: Trichionotus sp.*

**Status:** parasite

**Distribution:** Ghana (Akotoye 1975), Nigeria (Entwistle 1969)

**Primary parasite of:** Characoma stictigrapta Hampson, Ghana (Akotoye 1975)

Earias biplaga Walker, Nigeria (Entwistle 1969)

### Atrometus sp.

**Status:** parasite

**Distribution:** Ghana (Smith 1965)

**Primary parasite of:** Eccopsis sp. near praecedens (Walsingham), Ghana (Smith 1965)

### Brachycoryphus sp.

**Status:** parasite

**Distribution:** Nigeria (Entwistle 1969)

**Primary parasite of:** Earias biplaga Walker, Nigeria (Entwistle 1969)

### Buysmana cryptus (Tosq.)

**Status:** parasite

**Distribution:** Indonesia Java (Entwistle 1972)

**Primary parasite of:** Setora nitens Walker, Indonesia Java (Entwistle 1972)

### Charops sp.

**Status:** parasite

**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951), Nigeria (Entwistle 1969), Trinidad & Tobago (Entwistle 1972)

**Primary parasite of:** Anomis leona Schaus, Ghana (Smith 1965)

Characoma stictigrapta Hampson, Ghana (Smith 1965)

Earias biplaga Walker, Ghana (Smith 1965), Ivory Coast (Alibert 1951), Nigeria (Entwistle 1969)

Euprosterina elaeasa Dyar, Trinidad & Tobago (Entwistle 1972)

Lophocrama phoenicochlora Hampson, Ghana (Smith 1965)

Olene mendosa (Hubner), Ghana (Smith 1965)

### Chlorocryptus sp.

**Status:** parasite

**Distribution:** Indonesia Java (Entwistle 1972)

**Primary parasite of:** Setora nitens Walker, Indonesia Java (Entwistle 1972)

### Diaglyptidea roepkei Viereck

**Status:** parasite

**Distribution:** Indonesia Java (Dammerman 1929)

**Primary parasite of:** Conopomorpha cramerella (Snellen), Indonesia Java (Dammerman 1929)

### Echthromorpha agrestoria insidiator (Smith)

*Synonyms: Echthromorpha insidiator Smith*

**Status:** parasite

**Distribution:** Papua New Guinea (Entwistle 1972)

**Primary parasite of:** Tiracola plagiata (Walker), Papua New Guinea (Entwistle 1972)

### Enicospilus sp.

**Status:** parasite

**Distribution:** Ghana (Smith 1965), Trinidad & Tobago (Kirkpatrick 1954)

**Primary parasite of:** Anomis leona Schaus, Ghana (Smith 1965)

Lophocrama phoenicochlora Hampson, Ghana (Smith 1965)

Melese laodamia (Druce), Trinidad & Tobago (Kirkpatrick 1954)

**Goryphus fasciatipennis (Szepligeti)****Status:** parasite**Distribution:** Indonesia Java (Betrem 1941)**Primary parasite of:** *Conopomorpha cramerella* (Snellen), Indonesia Java (Betrem 1941)**Goryphus mesoxanthus (Brulle)***Synonyms:* *Goryphus javanicus* Roman**Status:** parasite**Distribution:** Indonesia Java (Betrem 1941)**Primary parasite of:** *Conopomorpha cramerella* (Snellen), Indonesia Java (Betrem 1941)  
*Setora nitens* Walker, Indonesia Java (Entwistle 1972)**Goryphus sp.****Status:** parasite**Distribution:** Indonesia Maluku (Sulistyowati & Junianto 1995), Philippines (Alba et al 1985)**Primary parasite of:** *Conopomorpha cramerella* (Snellen), Indonesia Maluku (Sulistyowati & Junianto 1995), Philippines (Alba et al 1985)**Goryphus sp. near angulicollis (Cameron)***Synonyms:* *Gotra sp. near angulicollis* Cameron**Status:** parasite**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Primary parasite of:** Not recorded -, Malaysia (Yunus & Ho 1980)**Goryphus sp. near braunsii (Kriechbaumer)***Synonyms:* *Brachycoryphus sp. near braunsii* Kriechbaumer**Status:** parasite**Distribution:** Ghana (Akotoye 1975)**Primary parasite of:** *Characoma stictigrapta* Hampson, Ghana (Akotoye 1975)**Leurus caeruliventris (Cresson)****Status:** parasite**Distribution:** Brazil (Anon 1983)**Primary parasite of:** *Syllepte prorogata* (Hampson), Brazil (Anon 1983)**Mesochorus melanothorax Wilkinson****Status:** hyperparasite, parasite**Distribution:** Cameroon (Box 1944), Ghana (Wilkinson 1927), Nigeria (Box 1944)**Primary parasite of:** *Peristenus sahlbergellae* (Wilkinson), Cameroon (Box 1944), Ghana (Wilkinson 1927), Nigeria (Box 1944)**Hyperparasite of:** *Bryocoropsis laticollis* Schumacher, Ghana (Box 1943)*Sahlbergella singularis* Haglund, Cameroon (Box 1944), Ghana (Wilkinson 1927), Nigeria (Box 1944)**Mesostenus sp.****Status:** parasite**Distribution:** Indonesia Java (Roepke 1919)**Primary parasite of:** *Conopomorpha cramerella* (Snellen), Indonesia Java (Roepke 1919)**Nadia sp.****Status:** parasite**Distribution:** Nigeria (Entwistle 1972)**Primary parasite of:** *Tragocephala castnia cacaoensis* Entwistle, Nigeria (Entwistle 1972)**Netelia sp.****Status:** parasite**Distribution:** Ghana (Akotoye 1975), Nigeria (Entwistle 1969)**Primary parasite of:** *Characoma stictigrapta* Hampson, Ghana (Akotoye 1975)*Earias biplaga* Walker, Nigeria (Entwistle 1969)**Ophion sp.***Synonyms:* *Paniscus sp.***Status:** parasite



**Distribution:** Ivory Coast (Alibert 1951)

**Primary parasite of:** *Earias biplaga* Walker, Ivory Coast (Alibert 1951)

### **Paraphylax erythronota (Viereck)**

*Synonyms: Photoptera erythronota Viereck*

**Status:** parasite

**Distribution:** Indonesia Java (Dammerman 1929)

**Primary parasite of:** *Conopomorpha cramerella* (Snellen), Indonesia Java (Dammerman 1929)

### **Paraphylax fasciatipennis Ashmead**

**Status:** parasite

**Distribution:** Philippines (Irshad Vanialingam & Eashaw 1984)

**Primary parasite of:** *Conopomorpha cramerella* (Snellen), Philippines (Irshad Vanialingam & Eashaw 1984)

### **Pristomerus sp.**

**Status:** parasite

**Distribution:** Ghana (Smith 1965), Nigeria (Entwistle 1969)

**Primary parasite of:** *Characoma stictigrapta* Hampson, Ghana (Akotoye 1975)

*Earias biplaga* Walker, Nigeria (Entwistle 1969)

*Syllepte retractalis* (Hampson), Ghana (Smith 1965)

### **Sjoestedtella sp.**

**Status:** parasite

**Distribution:** Ghana (Smith 1965)

**Primary parasite of:** *Tortrix dinota* Meyrick, Ghana (Smith 1965)

### **Sliochia bala Gauld**

**Status:** parasite

**Distribution:** Malaysia Sabah (Gauld 1976)

**Primary parasite of:** *Acrocercops* sp. , Malaysia Sabah (Gauld 1976)

### **Spilopimpla sp.**

**Status:** parasite

**Distribution:** Ghana (Smith 1965)

**Primary parasite of:** *Ctenolita auribasalis* (Holland), Ghana (Smith 1965)

### **Xanthocryptus vesiculosus (Brulle)**

**Status:** parasite

**Distribution:** Indonesia West Irian (Schreurs 1965)

**Primary parasite of:** *Glenea lefeburei* (Guerin-Meneville), Indonesia West Irian (Schreurs 1965)

## **HYMENOPTERA MEGACHILIDAE**

### **Megachile frontalis (Fabricius)**

**Status:** leaf feeder

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961), Papua New Guinea (Michener & Szent-Ivany 1960)

### **Megachile sp.**

**Status:** no record

**Distribution:** Indonesia Java (Van Leeuwen 1908)

## **HYMENOPTERA MYMARIDAE**

### **Erythmelus helopeltidis Gahan**

**Status:** parasite

**Distribution:** Malaysia W. Malaysia (Ibrahim 1989)

**Primary parasite of:** *Helopeltis theivora theobromae* Miller, Malaysia (Ibrahim 1989)

**HYMENOPTERA PERILAMPIDAE****Perilampus sp.**

**Status:** parasite

**Distribution:** Brazil (Anon 1983)

**Primary parasite of:** Syllepte prorogata (Hampson), Brazil (Anon 1983)

**HYMENOPTERA PLATYGASTERIDAE****Allotropa ?loundsburyi Ashmead**

**Status:** parasite

**Distribution:** Ghana (Donald 1956)

**Primary parasite of:** Formicococcus njalensis (Laing), Ghana (Donald 1956)

**Allotropa magnini Risbec**

**Status:** parasite

**Distribution:** Ivory Coast (Risbec 1955)

**Primary parasite of:** Formicococcus njalensis (Laing), Ivory Coast (Risbec 1955)

**HYMENOPTERA PTEROMALIDAE****Acroclisoides africanus Ferriere**

**Status:** hyperparasite, parasite

**Distribution:** Ghana (Lodos 1968b)

**Primary parasite of:** Bathycoelia thalassina (Herrich-Schaffer), Ghana (Lodos 1968b)

Telenomus sp. near seychellensis (Kieffer), Ghana (Lodos 1968b)

**Hyperparasite of:** Bathycoelia thalassina (Herrich-Schaffer), Ghana (Lodos 1968c)

**Anisopteromalus calandrae (Howard)**

**Status:** parasite

**Distribution:** Colombia (Cabal-Concha 1956)

**Primary parasite of:** Araecerus coffeae Fabricius, Colombia (Cabal-Concha 1956)

**Apyncetron brevithorax Boucek**

**Status:** parasite

**Distribution:** Papua New Guinea (Boucek 1988)

**Primary parasite of:** Not recorded -, Papua New Guinea (Boucek 1988)

**Pachyneuron sp.**

**Status:** parasite

**Distribution:** Fiji (Lever 1945)

**Primary parasite of:** Bactrocera passiflorae (Froggatt), Fiji (Lever 1945)

**HYMENOPTERA SCELIONIDAE****Baryconus sp.**

**Status:** parasite

**Distribution:** Brazil (Silva 1945a)

**Primary parasite of:** Oecanthus sp. , Brazil (Silva 1945a)

**Phanuopsis semiflaviventris Girault**

**Status:** parasite

**Distribution:** Colombia (Eberhard 1974), Colombia (Eberhard 1975), Trinidad & Tobago (Callan 1944), Venezuela (Salas 1984)

**Primary parasite of:** Antiteuchus piceus (Palisot de Beauvais), Trinidad & Tobago (Callan 1944)

*Antiteuchus tripterus* (Fabricius), Colombia (Eberhard 1974), Trinidad & Tobago (Callan 1944), Venezuela (Salas 1984)

*Antiteuchus tripterus limbiventris* Ruckes, Colombia (Eberhard 1975)

### **Telenomus sp.**

**Status:** parasite

**Distribution:** Ghana (Lodos 1968c), Indonesia Sumatra (Pardede 1986), Malaysia (Azhar et al 1984), Malaysia W. Malaysia (Ibrahim 1989), Malaysia W. Malaysia (Thomas 1960), Papua New Guinea (Dun 1967)

**Primary parasites:** *Pediobius* sp. , Ghana (Lodos 1968b)

**Primary parasite of:** *Achaea janata* (Linnaeus), Papua New Guinea (Dun 1967)

*Aegeria* sp. , Malaysia (Thomas 1960)

*Bathypoelia thalassina* (Herrich-Schaffer), Ghana (Lodos 1968b)

*Brachyplatys vahlii* (Fabricius), Malaysia (Azhar et al 1984)

*Bryocoropsis laticollis* Schumacher, Ghana (Lodos 1968b)

*Distantiella theobroma* (Distant), Ghana (Lodos 1968b)

*Helopeltis lalandei* (Carayon), Ghana (Lodos 1968b)

*Helopeltis theivora theobromae* Miller, Malaysia (Ibrahim 1989)

*Orgyia postica* (Walker), Indonesia Sumatra (Pardede 1986)

*Ricania cervina* Melichar, Ghana (Lodos 1968c)

*Sahlbergella singularis* Haglund, Ghana (Lodos 1968b)

### **Telenomus sp. near seychellensis (Kieffer)**

**Status:** parasite

**Distribution:** Ghana (Lodos 1968b)

**Primary parasites:** *Acroclisoides africanus* Ferriere, Ghana (Lodos 1968b)

*Pediobius* sp. , Ghana (Lodos 1968b)

**Primary parasite of:** *Bathypoelia thalassina* (Herrich-Schaffer), Ghana (Lodos 1968b)

### **Trissolcus bodkini (Crawford)**

**Status:** parasite

**Distribution:** Colombia (Eberhard 1974), Colombia (Eberhard 1975)

**Primary parasite of:** *Antiteuchus tripterus* (Fabricius), Colombia (Eberhard 1974)

*Antiteuchus tripterus limbiventris* Ruckes, Colombia (Eberhard 1975)

### **Trissolcus sp.**

**Status:** parasite

**Distribution:** Ghana (Owusu-Manu 1975)

**Primary parasite of:** *Bathypoelia thalassina* (Herrich-Schaffer), Ghana (Owusu-Manu 1975)

## **HYMENOPTERA SCOLIIDAE**

### **Campsomeris sp.**

**Status:** parasite

**Distribution:** Papua New Guinea (Britton 1957)

**Primary parasite of:** *Dermolepida noxium* Britton, Papua New Guinea (Britton 1957)

### **Micromeriella marginella modesta (F.Smith)**

*Synonyms:* *Campsomeris marginella modesta* (F.Smith)

**Status:** parasite

**Distribution:** Fiji (Entwistle 1972)

**Primary parasite of:** *Adoretus versutus* Harold, Fiji (Entwistle 1972)

## **HYMENOPTERA SIGNIPHORIDAE**

### **Chartocerus ?elongatus (Girault)**

*Synonyms:* *Thysanus ?elongatus* (Girault)

**Status:** hyperparasite, parasite

**Distribution:** Ivory Coast (Risbec 1949)

**Primary parasite of:** Not recorded -, Ivory Coast (Risbec 1949)

**Hyperparasite of:** *Ferrisia virgata* (Cockerell), Ivory Coast (Risbec 1949)  
*Formicococcus njalensis* (Laing), Ivory Coast (Risbec 1949)  
*Planococcus citri* (Risso), Ivory Coast (Risbec 1949)

**Thysanus sp.**

**Status:** parasite

**Distribution:** Ghana (Donald 1956), Trinidad & Tobago (Kirkpatrick 1953b)

**Primary parasite of:** *Ferrisia virgata* (Cockerell), Ghana (Donald 1956)  
*Pseudiastata vorax* Sabrosky, Trinidad & Tobago (Kirkpatrick 1953b)

**HYMENOPTERA SPHECIDAE**

**Bicyrtes variegata (Olivier)**

**Status:** predator

**Distribution:** Colombia (Eberhard 1974)

**Predator of:** *Antiteuchus tripterus* (Fabricius), Colombia (Eberhard 1974)

**Sceliphron laetum (F.Smith)**

**Status:** predator

**Distribution:** Papua New Guinea (Entwistle 1972)

**Predator of:** *Tiracola plagiata* (Walker), Papua New Guinea (Entwistle 1972)

**HYMENOPTERA TIPHIIDAE**

**Tiphia sp.**

**Status:** parasite

**Distribution:** Malaysia W. Malaysia (Entwistle 1972)

**Primary parasite of:** *Apogonia cribricollis* Burmeister, Malaysia (Entwistle 1972)

**HYMENOPTERA TORYMIDAE**

**Rhynchotricida ovivora Boucek**

**Status:** parasite

**Distribution:** Malaysia (Boucek 1978)

**Primary parasite of:** Not recorded -, Malaysia (Boucek 1978)

**HYMENOPTERA TRICHOGRAMMATIDAE**

**Lathromeroides sp.**

**Status:** parasite

**Distribution:** Ghana (Lodos 1968c)

**Primary parasite of:** *Ricania cervina* Melichar, Ghana (Lodos 1968c)

**Megaphragma sp.**

**Status:** parasite

**Distribution:** Sao Tome & Principe (Mateus et al 2002)

**Primary parasite of:** *Selenothrips rubrocinctus* (Giard), Sao Tome & Principe (Mateus et al 2002)

**Trichogramma japonicum Ashmead**

**Status:** parasite

**Distribution:** Papua New Guinea (Dun 1967)

**Primary parasite of:** *Achaea janata* (Linnaeus), Papua New Guinea (Dun 1967)

**Trichogramma sp.**

**Status:** parasite

**Distribution:** Ghana (Lodos 1968c)

**Primary parasite of:** *Ricania cervina* Melichar, Ghana (Lodos 1968c)

**Trichogrammatella tristis Girault****Status:** parasite**Distribution:** Trinidad & Tobago (Guppy 1911b)**Primary parasite of:** *Horiola picta* Fabricius, Trinidad & Tobago (Guppy 1911b)**Trichogrammatoidea bactrae fumata Nagaraja****Status:** parasite**Distribution:** Malaysia Sabah (Lim 1991)**Primary parasite of:** *Conopomorpha cramerella* (Snellen), Malaysia Sabah (Lim 1991)**Trichogrammatoidea bactrae Nagaraja****Status:** parasite**Distribution:** Malaysia Sabah (Lim 1983)**Primary parasite of:** *Conopomorpha cramerella* (Snellen), Malaysia Sabah (Lim 1983)**Trichogrammatoidea cojuangcoi Nagaraja****Status:** parasite**Distribution:** Philippines (Nagaraja 1984)**Primary parasite of:** *Conopomorpha cramerella* (Snellen), Philippines (Nagaraja 1984)**Trichogrammatoidea lutea (Girault)***Synonyms:* *Trichogramma luteum* (Girault)**Status:** parasite**Distribution:** Ivory Coast (Nguyen-Ban 1974), Ivory Coast (Nguyen-Ban 1975a), Nigeria (Entwistle 1969), Nigeria (Kumar & Nutsugah 1979)**Primary parasite of:** *Anomis leona* Schaus, Ivory Coast (Nguyen-Ban 1974)*Earias biplaga* Walker, Ivory Coast (Nguyen-Ban 1975a), Nigeria (Entwistle 1969), Nigeria (Kumar & Nutsugah 1979)**Trichogrammatoidea sp.****Status:** parasite**Distribution:** Indonesia Maluku (Sulistyowati & Junianto 1995), Philippines (Alba et al 1985)**Primary parasite of:** *Conopomorpha cramerella* (Snellen), Indonesia Maluku (Sulistyowati & Junianto 1995), Philippines (Alba et al 1985)**Tumidifemur pulchrum Girault****Status:** parasite**Distribution:** Trinidad & Tobago (Guppy 1911b)**Primary parasite of:** *Horiola picta* Fabricius, Trinidad & Tobago (Guppy 1911b)**Uscanella bicolor Girault****Status:** parasite**Distribution:** Trinidad & Tobago (Guppy 1911b)**Primary parasite of:** *Horiola picta* Fabricius, Trinidad & Tobago (Guppy 1911b)

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## ISOPTERA KALOTERMITIDAE

### **Bifiditermes madagascariensis (Wassmann)**

**Status:** stem/trunk feeder

**Distribution:** Madagascar (Cachan 1949)

### **Cryptotermes havilandi (Sjostedt)**

*Synonyms: Cryptotermes lamanianus Sjostedt*

**Status:** stem/trunk feeder

**Distribution:** Ivory Coast (Alibert 1951)

### **Cryptotermes sp.**

**Status:** stem/trunk feeder

**Distribution:** Ivory Coast (Alibert 1951)

### **Glyptotermes dilatatus (Bugnion & Popoff)**

**Status:** branch feeder

**Distribution:** Sri Lanka (Jepson 1929)

### **Glyptotermes parvulus (Sjostedt)**

**Status:** branch feeder, stem/trunk feeder

**Distribution:** Ghana (Patterson 1927)

### **Kalotermes sp.**

**Status:** no record

**Distribution:** Colombia (De Franco 1958), Grenada (Anon 1914b)

### **Kalotermes wagneri (Desneaux)**

*Synonyms: Neotermes wagneri (Desneaux)*

**Status:** no record

**Distribution:** Brazil (Bondar 1939a)

### **Neotermes aburiensis Sjostedt**

**Status:** branch feeder, stem/trunk feeder

**Distribution:** Ghana (Patterson 1927), Ivory Coast (Alibert 1951), Nigeria (Kay 1960)

### **Neotermes gestri Silvestri**

*Synonyms: Calotermes gestroi (Cotterell 1930a) Silvestri*

**Status:** branch feeder, stem/trunk feeder

**Distribution:** Equatorial Guinea Bioko (Harris 1971), Sao Tome & Principe (Cotterell 1930a)

### **Neotermes pallidicollis (Sjostedt)**

**Status:** no record

**Distribution:** Sao Tome & Principe (De Seabra 1919d)

### **Neotermes papua (Desneaux)**

**Status:** branch feeder, root feeder, stem/trunk feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

### **Neotermes samoanus (Holmgren)**

**Status:** no record

**Distribution:** Western Samoa (Harris 1969)

### **Neotermes sarasini (Holmgren)**

**Status:** collar feeder, stem/trunk feeder

**Distribution:** Western Samoa (Demandt 1914)

### **Neotermes sp.**

**Status:** branch feeder

**Distribution:** Brazil (Harris 1971), Ghana (Patterson 1927), Papua New Guinea (Szent-Ivany 1961)

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## ISOPTERA RHINOTERMITIDAE

### **Coptotermes ceylonicus Holmgren**

**Status:** no record

**Distribution:** Sri Lanka (Jepson 1934)

### **Coptotermes sjostedti Holmgren**

**Status:** no record

**Distribution:** Ivory Coast (Alibert 1951)

### **Coptotermes sp.**

**Status:** no record

**Distribution:** Nigeria (Kay 1960)

### **Schedorhinotermes lamanianus (Sjostedt)**

*Synonyms: Rhinotermes lamanianus Sjostedt*

**Status:** stem/trunk feeder

**Distribution:** Zaire (Mayne 1917)

### **Schedorhinotermes putorius (Sjostedt)**

*Synonyms: Rhinotermes putorius (Sjostedt)*

**Status:** no record

**Distribution:** Sao Tome & Principe (De Seabra 1919d)

## ISOPTERA TERMITIDAE

### **Amitermes evuncifer Silvestri**

**Status:** no record

**Distribution:** Ghana (Malaka 1983)

### **Ancistrotermes sp.**

**Status:** no record

**Distribution:** Ghana (Malaka 1983)

### **Cephalotermes rectangularis (Sjostedt)**

**Status:** no record

**Distribution:** Sao Tome & Principe (De Seabra 1919b)

### **Eutermes latifrons (Sjostedt)**

**Status:** no record

**Distribution:** Ghana (Patterson 1927), Zaire (Mayne 1917)

### **Eutermes maculiventris Sjostedt**

**Status:** no record

**Distribution:** Zaire (Mayne 1917)

### **Eutermes morio Latreille**

*Synonyms: Nasutitermes morio Latreille*

**Status:** no record

**Distribution:** Dominican Republic (Russo 1930)

### **Eutermes parvus Haviland**

**Status:** no record

**Distribution:** Zaire (Mayne 1917)

### **Macrotermes bellicosus (Smeathman)**

**Status:** stem/trunk feeder

**Distribution:** Ivory Coast (Alibert 1951), Nigeria (Kay 1960)

**Macrotermes natalensis (Haviland)**

**Status:** stem/trunk feeder

**Distribution:** Nigeria (Sands 1962)

**Macrotermes subhyalinus (Rambur)**

**Status:** no record

**Distribution:** Ghana (Malaka 1983), Nigeria (Harris 1971)

**Microcerotermes biroi (Desneaux)**

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Microcerotermes dolichognathus Silvestri**

**Status:** no record

**Distribution:** Sao Tome & Principe (De Seabra 1919b)

**Microcerotermes edentatus Wasmann**

**Status:** no record

**Distribution:** Ivory Coast (Alibert 1951)

**Microcerotermes fuscotibialis (Sjostedt)**

**Status:** no record

**Distribution:** Ghana (Malaka 1983)

**Microcerotermes parvus (Haviland)**

**Status:** stem/trunk feeder

**Distribution:** Zaire (Harris 1971)

**Microcerotermes parvus theobromae (Desneaux)**

**Status:** no record

**Distribution:** Sao Tome & Principe (De Seabra 1917c)

**Microcerotermes solidus Silvestri**

**Status:** no record

**Distribution:** Ghana (Patterson 1927)

**Microcerotermes sp.**

**Status:** no record

**Distribution:** Western Samoa (Demandt 1914)

**Microtermes pallidus (Haviland)**

**Status:** stem/trunk feeder

**Distribution:** Malaysia W. Malaysia (Miller 1941)

**Microtermes sp.**

**Status:** stem/trunk feeder

**Distribution:** Nigeria (Kay 1960)

**Nasutitermes corniger (Motschulsky)**

**Status:** no record

**Distribution:** Costa Rica (Weber 1957)

**Nasutitermes elegantulus (Sjostedt)**

**Status:** no record

**Distribution:** Zaire (Mayne 1917)

**Nasutitermes ephratae (Holmgren)**

**Status:** no record

**Distribution:** Surinam (Van Dinther 1960)

**Nasutitermes princeps (Desneaux)**

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany 1963)



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**Nasutitermes rippertii (Rambur)****Status:** no record**Distribution:** Brazil (Bondar 1939a)**Nasutitermes sp.****Status:** no record**Distribution:** Ivory Coast (Alibert 1951)**Odontotermes horni (Wasmann)****Status:** no record**Distribution:** Sri Lanka (Kemner 1926)**Pseudacanthotermes militaris (Hagen)****Status:** no record**Distribution:** Nigeria (Harris 1969)**Termes amarilii (De Seabra)****Status:** no record**Distribution:** Sao Tome & Principe (Navel 1921)**Termes ostentans Silvestri****Status:** no record**Distribution:** Sao Tome & Principe (De Seabra 1919d)

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## LEPIDOPTERA ARCTIIDAE

### **Acantharctia mundata (Walker)**

*Synonyms: Diacrisia mundata Walker*

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

### **Alpenus maculosus Stal**

*Synonyms: Diacrisia maculosa Cramer, Spilosoma maculosa Stal*

**Status:** leaf feeder

**Distribution:** Nigeria (Lamborn 1914), Uganda (Gowdey 1918a), Zaire (Mayne 1917)

### **Alpenus schraderi rattrayi (Rothschild)**

*Synonyms: Diacrisia rattrayi Rothschild*

**Status:** leaf feeder

**Distribution:** Cameroon (Lavabre 1957), Ghana (Smith 1965), Ivory Coast (Alibert 1951), Nigeria (Youdeowei 1971)

**Primary parasites:** *Chatolydella* sp. , Ghana (Smith 1965)

*Thelaira aurofasciata* Emden, Ghana (Smith 1965)

*Thelaira nigripes* (Fabricius), Ghana (Smith 1965)

### **Amerila leucoptera (Hampson)**

*Synonyms: Rhodogastria leucoptera Hampson*

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

### **Amerila luteibarba (Hampson)**

*Synonyms: Rhodogastria luteibarba Hampson*

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

### **Amsacta lactinea Cramer**

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

### **Argina leonina Walker**

**Status:** leaf feeder

**Distribution:** Sao Tome & Principe (Entwistle 1972)

### **Asura atricraspeda Hampson**

**Status:** leaf feeder

**Distribution:** Ivory Coast (Alibert 1951)

### **Asura humilis Walker**

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

### **Asura reticulata (Felder)**

*Synonyms: Nepita reticulata Felder*

**Status:** leaf feeder

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

### **Asura sp.**

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

### **Automolis erubescens (Walker)**

*Synonyms: Metarctia invarea (Entwistle 1972) Walker*

**Status:** leaf feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Balacra caeruleifascia Walker***Synonyms: Balacra ehrmanni Holland***Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Balacra pulchra Aurivillius****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Balacra testacea Aurivillius****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Belemnia ochriplaga Hampson****Status:** leaf feeder**Distribution:** Brazil (Silva 1944a)**Brunia antica Walker***Synonyms: Eilema vicaria Walker***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Miller 1941)**Carales astur (Cramer)***Synonyms: Opharus astur Cramer***Status:** leaf feeder**Distribution:** Brazil (Bondar 1939a)**Cretonotus transiens Walker****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Diacrisia auriantica Holland****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Primary parasites:** *Palexorista ?imberbis* (Wiedemann), Ghana (Smith 1965)**Diacrisia chionea Hampson****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Diacrisia curvilinea Walker****Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Nigeria (Golding 1946)**Diacrisia quadrilunata Hampson****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Diacrisia turbida Butler****Status:** leaf feeder**Distribution:** Papua New Guinea (Anon 1969)**Eilema ekeikei Bethune-Baker****Status:** leaf feeder**Distribution:** Papua New Guinea (Anon 1969)**Euchromia lethe Fabricius****Status:** leaf feeder**Distribution:** Cameroon (Zacher 1915), Ghana (Smith 1965), Ivory Coast (Alibert 1951)**Halysidota sp.***Synonyms: Halisidota sp.***Status:** leaf feeder**Distribution:** Brazil (Ferraz & De Abreu 1984)

**Primary parasites:** *Leschenaultia leucophrys* (Wiedemann), Brazil (Ferraz & De Abreu 1984)  
*Lespesia affinis* (Townsend), Brazil (Ferraz & De Abreu 1984)

### **Hypercompe muzima (Oberthur)**

*Synonyms:* *Ecpantheria muzina Oberthur*

**Status:** leaf feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

**Primary parasites:** *Carcelia flavirostris* (Wulp), Trinidad & Tobago (Kirkpatrick 1954)

### **Idalus herois Schaus**

**Status:** leaf feeder

**Distribution:** Brazil (Silva 1944a)

### **Lithosia sp.**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

### **Lobobasis niveimaculata Hampson**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Anon 1971)

### **Lophocampa maroniensis (Schaus)**

*Synonyms:* *Halisidota maroniensis Schaus*

**Status:** leaf feeder

**Distribution:** Brazil (Silva 1944a)

### **Lophocampa polyodonta (Rothschild)**

*Synonyms:* *Halisidota polyodonta Rothschild*

**Status:** leaf feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

### **Lophocampa sobrina (Motschulsky)**

*Synonyms:* *Halisidota sobrina Motschulsky*

**Status:** leaf feeder

**Distribution:** Brazil (Silva 1944a)

### **Melese flaviopuncta Rothschild**

**Status:** leaf feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

### **Melese laodamia (Druce)**

**Status:** leaf feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

**Primary parasites:** *Carcelia flavirostris* (Wulp), Trinidad & Tobago (Kirkpatrick 1954)

*Enicospilus* sp. , Trinidad & Tobago (Kirkpatrick 1954)

*Microgaster* sp. , Trinidad & Tobago (Kirkpatrick 1954)

### **Muxta xanthopa Holland**

*Synonyms:* *Eilema xanthopa Holland*

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

### **Oeonistis entella Cramer**

*Synonyms:* *Oeonistis entella delia Fabricius*

**Status:** leaf feeder

**Distribution:** Vanuatu (Risbec 1937)

**Primary parasites:** *Carcelia* sp. , Vanuatu (Risbec 1937)

*Pediobius* sp. , Vanuatu (Risbec 1937)

### **Pelochyta arontes (Cramer)**

**Status:** leaf feeder

**Distribution:** Brazil (Bondar 1939a), Trinidad & Tobago (Kirkpatrick 1954)

**Pericallia ricini (Fabricius)****Status:** leaf feeder**Distribution:** India (Kumar 1974)**Pseudoblabe oophora Zeller****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Syntomis dilateralis Hampson****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**LEPIDOPTERA COSMOPTERIGIDAE****Pyroderces ptilodelta Meyrick****Status:** fruit feeder**Distribution:** Malaysia W. Malaysia (Miller 1941)**LEPIDOPTERA COSSIDAE****Eulophonotus myrmeleon (Felder)***Synonyms: Engyophlebus obesus Karsch***Status:** branch feeder, root feeder, stem/trunk feeder**Distribution:** Cameroon (Entwistle 1972), Ethiopia (Abebe 1999), Ghana (Cotterell 1927c), Ivory Coast (Alibert 1951), Nigeria (Lamborn 1914), Sao Tome & Principe (Gravier 1907), Sierra Leone (Smith 1965), South Africa (Schoeman 1992), Togo (Entwistle 1972), Zaire (Mayne 1917)**Primary parasites:** *Amicrocentrum* sp. , Ghana (Entwistle 1972)*Bathyaulax* sp. , Ethiopia (Abebe 1999)**Xyleutes armstrongi (Hampson)***Synonyms: Duomites armstrongi Hampson, Engyophlebus obesus (Hargreaves 1926) Karsch***Status:** branch feeder**Distribution:** Sierra Leone (Hargreaves, E. 1926)**Zeuzera coffeae Nietner***Synonyms: Zeuzera roricaryana Walker***Status:** branch feeder, stem/trunk feeder**Distribution:** India (Sathiamma & Bhat 1974), Indonesia Java (Koningsberger 1908), Indonesia West Irian (Schreurs & Simon-Thomas 1961), Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Miller 1941), Papua New Guinea (Moxon 1991a), Sao Tome & Principe (Navel 1921), Sri Lanka (Hutson 1924)**Primary parasites:** *Amyosoma leuzerae* Rohwer, Indonesia Java (Kalshoven 1950-51)*Bracon* sp. , Malaysia Sabah (Khoo Ooi & Ho 1991)*Glyptomorpha* sp. , Malaysia (Miller 1941)*Iphiaulax* sp. , Malaysia Sabah (Khoo Ooi & Ho 1991)**Zeuzera conferta Walker****Status:** branch feeder**Distribution:** Indonesia Java (Kalshoven 1965), Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Anon 1953a)**Zeuzera sp.****Status:** branch feeder**Distribution:** Malaysia Sarawak (Ron 1985), Malaysia W. Malaysia (Yunus & Ho 1980)

**LEPIDOPTERA DALCERIDAE****Dalcera abrasa (Herrich-Schaffer)****Status:** leaf feeder**Distribution:** Surinam (Van Dinther 1960)**LEPIDOPTERA EUPTEROTIDAE****Phiala hologramma Aurivillius****Status:** leaf feeder**Distribution:** Nigeria (Golding 1946)**LEPIDOPTERA GEOMETRIDAE****Aeschrapteryx sectata Guenee****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Ascotis selenaria reciprocaria Walker****Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951)**Biston johannaria (Oberthur)***Synonyms: Buzura johannaria Oberthur***Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Catoria olivescens Moore****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Cleora sp.***Synonyms: Neocleora sp.***Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951)**Primary parasites:** Aleiodes sp. near pallidator (Thunberg), Ghana (Smith 1965)**Cleora tulbaghata (Felder)***Synonyms: Neocleora tulbaghata Felder***Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Primary parasites:** Peribaea mitis Curran, Ivory Coast (Alibert 1951)**Colocleora divisaria (Walker)****Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951), Nigeria (Golding 1946)**Colocleora smithi (Warren)***Synonyms: Hyposidra smithi Warren***Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Ectropis bhurmitra (Walker)***Synonyms: Boarmia crepuscularia Hubner, Ectropis sabulosa Warren***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Dun 1967)**Primary parasites:** Winthemia sp. near sumatrana (Townsend), Papua New Guinea (Anon 1969)

**Ectropis crepuscularia (Denis & Schiffermuller)****Status:** leaf feeder**Distribution:** Indonesia Java (Dammerman 1929)**Ectropis sp. near varians Walker****Status:** fruit feeder, leaf feeder**Distribution:** Papua New Guinea (Bourke et al 1971)**Glena bipennaria (Guenee)****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Hypomecis transcissa (Walker)***Synonyms: Cleora transcissa***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Hyposidra sp.****Status:** leaf feeder**Distribution:** Indonesia Java (De Haan 1933)**Hyposidra talaca (Walker)****Status:** leaf feeder**Distribution:** Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Szent-Ivany 1963)**Nematocampa completa Warren****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Paragonia procidaria (Herrich-Shaeffer)****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Paragonia sp.****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Paragonia tasima (Cramer)****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Physocleora pauper Warren****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Scopula actuaria Walker****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Scopula sp.****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Xenimpia erosa Warren****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Zamarada eogenaria Snellen***Synonyms: Zamarada lonquenaria Snellen***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Zeuctoboarmia ?smithi (Warren)**

*Synonyms: Boarmia ?smithi (Warren)*

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

**LEPIDOPTERA GRACILLARIIDAE****Acrocercops sp.**

**Status:** leaf feeder

**Distribution:** Malaysia Sabah (Gauld 1976)

**Primary parasites:** *Sliochia bala* Gauld, Malaysia Sabah (Gauld 1976)

**Acrocercops sp. near brochogramma Meyrick**

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

**Conopomorpha cramerella (Snellen)**

*Synonyms: Acrocercops cramerella (Snellen), Gracilaria cramerella Snellen*

**Status:** fruit feeder

**Distribution:** Indonesia Java (Koningsberger 1908), Indonesia Kalimantan (Sulistyowati & Junianto 1995), Indonesia Maluku (Sulistyowati & Junianto 1995), Indonesia Sangehe Is (Entwistle 1972), Indonesia Sulawesi (FAO 1978), Indonesia Sumatra (Pardede 1988), Indonesia Talaud Is (Entwistle 1972), Indonesia West Irian (FAO 1978), Malaysia Sabah (Davis 1989), Malaysia Sarawak (Gumbek 1987), Malaysia W. Malaysia (Azhar & Long 1996), Papua New Guinea (Szent-Ivany & Dun 1964), Philippines (Otanis 1937)

**Primary parasites:** *Acrocerilia pachynervis* Van Achterberg, Philippines (Van Achterberg 1989)

*Brachymeria* sp. , Sarawak (Gumbek 1987)

*Chelonus chailini* Walker & Huddleston, Malaysia (Walker & Huddleston 1987)

*Diaglyptidea roepkei* Viereck, Indonesia Java (Dammerman 1929)

*Goryphus fasciatipennis* (Szepliget), Indonesia Java (Betrem 1941)

*Goryphus mesoxanthus* (Brulle), Indonesia Java (Betrem 1941)

*Goryphus* sp. , Indonesia Maluku (Sulistyowati & Junianto 1995), Philippines (Alba et al 1985)

*Mesostenus* sp. , Indonesia Java (Roepke 1919)

*Ooencyrtus ooi* Noyes, Malaysia (Noyes 1991)

*Paraphylax erythronota* (Viereck), Indonesia Java (Dammerman 1929)

*Paraphylax fasciatipennis* Ashmead, Philippines (Irshad Vanialingam & Eashaw 1984)

*Trichogrammatoidea bactrae fumata* Nagaraja, Malaysia Sabah (Lim 1991)

*Trichogrammatoidea bactrae* Nagaraja, Malaysia Sabah (Lim 1983)

*Trichogrammatoidea cojuangcoi* Nagaraja, Philippines (Nagaraja 1984)

*Trichogrammatoidea* sp. , Indonesia Maluku (Sulistyowati & Junianto 1995), Philippines (Alba et al 1985)

**Predators:** *Dolichoderus thoracicus* (F. Smith), Malaysia W. Malaysia (See & Khoo 1996)

**Marmara isortha (Meyrick)**

**Status:** fruit feeder

**Distribution:** Brazil (Silva 1944a)

**Marmara sp.**

**Status:** fruit feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

**Spulerina sp.**

*Synonyms: Marmara sp. (West Africa)*

**Status:** fruit feeder, shoot feeder

**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951), Nigeria (Eguagie 1971)

**Primary parasites:** *Ageniaspis* sp. , Ghana (Entwistle 1960b)

*Bracon* sp. , Ghana (Entwistle 1960b)



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## LEPIDOPTERA HELIODINIDAE

### **Oedematopoda cypris Meyrick**

**Status:** predator

**Distribution:** India (Fletcher 1920b)

**Predator of:** *Kerria albizziae* (Green), India (Fletcher 1920b)

## LEPIDOPTERA HEPIALIDAE

### **Endoclita damor (Moore)**

*Synonyms:* *Phassus damor* Moore, *Phassus sericeus* Swinhoe

**Status:** bark feeder, root feeder, stem/trunk feeder

**Distribution:** Indonesia Java (Roepke 1916b), Indonesia Kalimantan (Dammerman 1929), Indonesia Sumatra (Dammerman 1929)

### **Endoclita hosei (Tindale)**

**Status:** bark feeder

**Distribution:** Malaysia Sabah (Anon 1964b), Malaysia Sarawak (Ron 1985)

## LEPIDOPTERA HESPERIIDAE

### **Coeliades chalybe (Westwood)**

*Synonyms:* *Rhopalocampta chalybe* Westwood

**Status:** leaf feeder

**Distribution:** Zaire (Mayne 1917)

### **Coeliades forestan Stal**

**Status:** no record

**Distribution:** Nigeria (Golding 1946)

## LEPIDOPTERA IMMIDAE

### **Imma sp.**

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965), Papua New Guinea (Anon 1969)

### **Imma sp. near bilineella Snellen**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

## LEPIDOPTERA LASIOCAMPIDAE

### **Bombycopsis indecora Walker**

**Status:** no record

**Distribution:** Ghana (Smith 1965)

### **Borocera sp.**

**Status:** no record

**Distribution:** Zaire (Entwistle 1972)

### **Gonobombyx angulata Aurivillius**

**Status:** leaf feeder

**Distribution:** Ivory Coast (Alibert 1951)

**Gonometa pallens Bethune-Baker****Status:** leaf feeder**Distribution:** Zaire (Mayne 1917)**Lebeda intermedia Holloway****Status:** leaf feeder**Distribution:** Malaysia Sabah (Holloway 1987)**Leipoxais crenulata Bethune-Baker****Status:** leaf feeder**Distribution:** Zaire (Mayne 1917)**Leipoxais peraffinis Holland****Status:** no record**Distribution:** Cameroon (Zacher 1915)**Leipoxais rufobrunnea Strand****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Leipoxais sp.****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Leipoxais sp. near peraffinis Holland****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Streblote dorsalis (Walker)***Synonyms: Taragama dorsalis Walker***Status:** leaf feeder**Distribution:** Sri Lanka (Hutson 1925)**Suana concolor Walker****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**LEPIDOPTERA LIMACODIDAE****Acharia sp.****Status:** leaf feeder**Distribution:** Venezuela (Anon 2000)**Afronarosa africana (Hering)****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Afronarosa sp.****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Andrallochroma bicolor Strand****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Baria elsa (Druce)****Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Zaire (Mayne 1917)**Birthamula chara Swinhoe****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Casphalia flavicollis Walker****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Casphalia picta Schaus & Clement****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Chalcoscelides castaneipars Moore***Synonyms: Altha casteinipars Moore***Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924)**Cherometia lohor (Moore)***Synonyms: Belippa lohor Moore, Nemeta lohor Moore***Status:** leaf feeder**Distribution:** Indonesia Java (Van Hall 1914), Malaysia W. Malaysia (Yunus & Ho 1980)**Primary parasites:** Sathon belippae (Rohwer), Indonesia Java (Wilkinson 1928)**Cherometia sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Cosuma rugosa Walker****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Ctenolita auribasalis (Holland)***Synonyms: Teinorrhyncha auribasalis (Holland)***Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Primary parasites:** Spilopimpla sp. , Ghana (Smith 1965)**Ctenolita pyrosomoides (Holland)****Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951)**Darna diducta (Snellen)***Synonyms: Ploneta diducta Snellen***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Darna trima Moore***Synonyms: Orthocraspeda trima (Moore)***Status:** leaf feeder**Distribution:** Indonesia Java (Koningsberger 1908), Malaysia W. Malaysia (Anon 1953a)**Primary parasites:** Apanteles sp. , Malaysia (Khoo Ooi & Ho 1991)

Platycletrus orthocraspedae Ferriere, No country (Entwistle 1972)

**Euprosterna elaeasa Dyar****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Primary parasites:** Charops sp. , Trinidad & Tobago (Entwistle 1972)**Griseothosea cruda (Walker)***Synonyms: Thosea cruda Walker***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Hyphorma subterminalis Hampson****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)

**Hypopta selenophora (Hering)**

*Synonyms: Niphadolepis selenophora Hering*

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

**Latoia sp.**

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

**Latoia viridifascia Holland**

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

**Latoia vitilena Karsch**

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

**Latoia vivida (Walker)**

*Synonyms: Parasa vivida Walker*

**Status:** leaf feeder

**Distribution:** Ivory Coast (Alibert 1951), Uganda (Gowdey 1918a), Zaire (Mayne 1917)

**Limacosilla pirifera Hering**

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Mambara inconspicua Bethune-Baker**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

**Predators:** *Dindymus pyrochrous* (Boisduval), Papua New Guinea (Entwistle 1972)

*Platynopus melacanthus* (Boisduval), Papua New Guinea (Entwistle 1972)

**Miresa albipuncta Herrich-Shaeffer**

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Miresa bracteata Butler**

*Synonyms: Miresa argentifera (Java) Moore*

**Status:** leaf feeder

**Distribution:** Indonesia Java (Paerels 1924)

**Narosa hedychroa Bethune-Baker**

*Synonyms: Afronarosa hedychroa Bethune-Baker*

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

**Narosa viridana Talbot**

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

**Neomocena convergens (Hering)**

*Synonyms: Omocena convergens Hering*

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

**Omocena sp.**

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

**Parasa carnapi Karsch**

*Synonyms: Parasa microbasis Hampson*

**Status:** leaf feeder

**Distribution:** Zaire (Mayne 1917)

**Parasa darma Moore****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Parasa lepida Cramer****Status:** leaf feeder**Distribution:** Indonesia Java (Koningsberger 1908), Malaysia W. Malaysia (Anon 1953a), Papua New Guinea (Szent-Ivany & Dun 1964), Sri Lanka (Kalshoven 1950-51)**Primary parasites:** Apanteles parasae Rohwer, No country (Entwistle 1972)**Parasa media Cramer****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Parasa sp.****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Parasa viridissima Holland***Synonyms:* *Latoia viridissima Holland***Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Nigeria (Golding 1946)**Phelbodicha cardinali West****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Phelbodicha secunda Strand****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Phobetron hipparchia (Cramer)****Status:** leaf feeder**Distribution:** Brazil (Da Costa Lima 1936), Trinidad & Tobago (Kirkpatrick 1954)**Primary parasites:** Apanteles sp. , Brazil (Da Costa Lima 1936)

Palexorista longiuscula (Walker), Brazil (Da Costa Lima 1936)

**Phobetron sp.****Status:** leaf feeder**Distribution:** Ecuador (Delvare 1992)**Primary parasites:** Conura martinezi Delvare, Ecuador (Delvare 1992)

Conura phobetronae Delvare, Ecuador (Delvare 1992)

**Pinzulenza kukisch Hering****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany & Catley 1960)**Primary parasites:** Brachymeria salomonis (Cameron), Papua New Guinea (Anon 1971)

Chetogena sp. , Papua New Guinea (Anon 1971)

**Rhypteira sordida Holland****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Scopelodes dinawa Bethune-Baker****Status:** leaf feeder**Distribution:** Papua New Guinea (Anon 1969)**Scopelodes sp.****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Scopelodes unicolor Westwood****Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924)

**Scopelodes venosa Walker****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1963)**Semyrilla lineata (Holland)****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Setora nitens Walker****Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924), Malaysia W. Malaysia (Yunus & Ho 1980)**Primary parasites:** Aleiodes sp. , Indonesia Java (Entwistle 1972)

Aroplectrus areolatus (Ferriere), Malaysia (Entwistle 1972)

Buysmana cryptus (Tosq.), Indonesia Java (Entwistle 1972)

Chaetexorista javana Brauer &amp; Bergenstamm, Malaysia (Khoo Ooi &amp; Ho 1991)

Chaetexorista sp. , Indonesia Java (Entwistle 1972)

Chlorocryptus sp. , Indonesia Java (Entwistle 1972)

Euplectromorpha malayensis Ferriere, Indonesia Java (Entwistle 1972)

Euplectrus sp. , Indonesia (Dammerman 1929)

Exorista sorbillans (Wiedemann), Malaysia (Entwistle 1972)

Fornicia sp. , Indonesia Java (Entwistle 1972)

Goryphus mesoxanthus (Brulle), Indonesia Java (Entwistle 1972)

Meteorus sp. , Indonesia Java (Entwistle 1972)

Platyplectrus orthocraspedae Ferriere, Indonesia Java (Entwistle 1972)

Sarcophaga orientalis Parker, Malaysia (Entwistle 1972)

Spinaria armator (Fabricius), Indonesia Java (Entwistle 1972)

**Sibine geyeri Fletcher***Synonyms:* *Sibine nesea* Stal**Status:** leaf feeder**Distribution:** Colombia (De Franco 1958)**Sisyrosea ?diana Druce****Status:** leaf feeder**Distribution:** Costa Rica (Weber 1957)**Stroteroides nigrisignata Strand****Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951)**Thosea sinensis (Walker)****Status:** leaf feeder**Distribution:** Papua New Guinea (Anon 1969)**Thosea sp.****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Trachyptena nigromaculata Hering****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Zinara recurvata Hampson****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**LEPIDOPTERA LYCAENIDAE****Aslauga vininga Heinrich****Status:** predator**Distribution:** Ghana (Donald 1956), Nigeria (Donald 1955b)

**Predator of:** Formicococcus njalensis (Laing), Ghana (Donald 1956), Nigeria (Donald 1955b)

### **Candalides ?tringa Grose-Smith**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Anon 1969)

### **Chalodeta lypera Bates**

**Status:** no record

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

### **Emesis cereus (Linnaeus)**

**Status:** no record

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

### **Emesis mandana Cramer**

**Status:** no record

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

### **Hypokopelates eleala Hewitson**

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

**Primary parasites:** Apanteles diparopsidis Lyle, Ghana (Smith 1965)

### **Jamides celeno (Cramer)**

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

### **Nacaduba berenice dobbensis Roeber**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Anon 1969)

### **Panthiades bitias (Cramer)**

*Synonyms:* *Thecla bitias* (Cramer)

**Status:** leaf feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

### **Pseudolycaena marsyas (Linnaeus)**

*Synonyms:* *Thecla marsyas* (Linnaeus)

**Status:** leaf feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

### **Spalgis epeus (Westwood)**

**Status:** predator

**Distribution:** Indonesia Java (Paerels 1924), Philippines (Entwistle 1972), Philippines (Entwistle 1972), Sri Lanka (Carter 1956)

**Predator of:** Ferrisia virgata (Cockerell), Sri Lanka (Carter 1956)

Planococcus citri (Risso), Sri Lanka (Carter 1956)

Planococcus lilacinus (Cockerell), Indonesia Java (Paerels 1924), Philippines (Entwistle 1972), Sri Lanka (Carter 1956)

### **Spalgis lemolea Druce**

**Status:** predator

**Distribution:** Ghana (Donald 1956), Nigeria (Donald 1955b), Togo (Dufour 1991)

**Predator of:** Ferrisia virgata (Cockerell), Ghana (Donald 1956), Nigeria (Donald 1955b)

Not recorded -, Togo (Dufour 1991)

Phenacoccus madeirensis Green, Ghana (Donald 1956), Nigeria (Donald 1955b)

Planococcus citri (Risso), Nigeria (Donald 1955b)

Pseudococcus longispinus (Targioni Tozzetti), Ghana (Donald 1956)

### **Synargis calyce (Felder & Felder)**

*Synonyms:* *Nymula calyce* Felder

**Status:** leaf feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

**Thecla hemon (Cramer)****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Primary parasites:** *Conura* sp. near *amoena* (Say), Trinidad & Tobago (Kirkpatrick 1954)**Hyperparasites:** *Conura* sp. near *amoena* (Say), Trinidad & Tobago (Kirkpatrick 1954)**Thecla orsina Hewitson****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Thecla sp.****Status:** leaf feeder**Distribution:** Brazil (Bondar 1939a)**Thecla talayra Hewitson****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Thecla tympania Hewitson****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Theope eudocia Westwood****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Theope foliorum Bates****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**LEPIDOPTERA LYMANTRIIDAE****Argyrotagma niobe (Weymer)***Synonyms: Dasychira niobe Weymer***Status:** fruit feeder, leaf feeder**Distribution:** Ghana (Smith 1965), Nigeria (Gerard 1966a), Zaire (Mayne 1917)**Bembina sp. near atripuncta (Hampson)***Synonyms: Euproctis sp. near atripuncta Hampson***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Calliteara horsfieldii (Saunders)***Synonyms: Dasychira horsfieldii (Saunders)***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Szent-Ivany & Dun 1964)**Clethrogyna turbata (Butler)***Synonyms: Orgyia turbata Butler***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Crorema mentiens Walker****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Darna nararia (Moore)***Synonyms: Macroplectra nararia (Moore)***Status:** leaf feeder**Distribution:** India (Naik Shivayogeshwar & Manjunath 2003)



**Dasychira endophaea Hampson****Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Zaire (Mayne 1917)**Dasychira sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Anon 1969)**Eudasychira georgiana (Fawcett)***Synonyms: Dasychira georgiana Fawcett***Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Euproctis dewitzi (Grunberg)****Status:** leaf feeder**Distribution:** Cameroon (Lavabre 1957), Ghana (Smith 1965)**Euproctis fasciata Walker****Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951)**Primary parasites:** *Megaselia scalaris* (Loew), Ghana (Smith 1965), Ivory Coast (Alibert 1951)**Euproctis lepidographa Hampson****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Euproctis lyoma Swinhoe****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Euproctis mediosquamosa Bethune-Baker***Synonyms: Nygmia sp. (Mayne 1917)***Status:** fruit feeder, leaf feeder**Distribution:** Uganda (Gowdey 1918a), Zaire (Mayne 1917)**Euproctis melanopholis Hampson****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Primary parasites:** *Meteorus sp. near margaroniae* Wilkinson, Ghana (Smith 1965)**Euproctis pygmaea Walker****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Euproctis rufiterga Hampson****Status:** leaf feeder**Distribution:** Zaire (Entwistle 1972)**Euproctis sp.****Status:** fruit feeder, leaf feeder**Distribution:** Nigeria (Gerard 1966a), Papua New Guinea (Anon 1969), Sri Lanka (Jepson 1924), Vanuatu (Risbec 1937)**Euproctis sp. near variana Walker****Status:** fruit feeder, leaf feeder**Distribution:** Papua New Guinea (Anon 1969)**Euproctis subnotata (Walker)****Status:** leaf feeder**Distribution:** India (Radha & Rawther 1976)

**Euproctis xanthomelaena Holland****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Primary parasites:** Aleiodes sp. , Ghana (Smith 1965)  
Glyptapanteles africanus (Cameron), Ghana (Smith 1965)**Lymantria ampla (Walker)****Status:** leaf feeder**Distribution:** India (Ramaseshiah & Bali 1987), Sri Lanka (Senior-White 1919)**Primary parasites:** Aleiodes sp. , India (Ramaseshiah & Bali 1987)  
Apanteles (glomeratus group) sp. , India (Ramaseshiah & Bali 1987)  
Apanteles cacao Wilkinson, Sri Lanka (Senior-White 1919)  
Apanteles obliquae Wilkinson, India (Ramaseshiah & Bali 1987)  
Blepharipa sp. , India (Ramaseshiah & Bali 1987)  
Brachymeria porthetrialis Joseph Narendran & Joy, India (Ramaseshiah & Bali 1987)  
Carcelia sp. , India (Ramaseshiah & Bali 1987)  
Euplectrus sp. , India (Ramaseshiah & Bali 1987)  
Exorista sp. , India (Ramaseshiah & Bali 1987)  
Palexorista sp. , India (Ramaseshiah & Bali 1987)**Lymantria obfuscata Walker****Status:** leaf feeder**Distribution:** India (Nair & Premkumar 1974)**Naroma signifera Walker****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Nygmia sp.****Status:** leaf feeder**Distribution:** Uganda (Gowdey 1920), Zaire (Cotterell 1930a)**Olene inclusa (Walker)***Synonyms: Dasychira inclusa Walker***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Olene mendosa (Hubner)***Synonyms: Dasychira basalis Walker, Dasychira mendosa (Hubner), Orgyia basalis Walker***Status:** leaf feeder**Distribution:** Cameroon (Lavabre 1957), China (Li Wang & Waterhouse 1997), Ghana (Smith 1965), Ivory Coast (Alibert 1951), Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Szent-Ivany 1963)  
**Primary parasites:** Carcelia sp. , Ivory Coast (Alibert 1951)  
Charops sp. , Ghana (Smith 1965)**Orgyia ?osseata (Walker)***Synonyms: Dasychira ?osseata Walker***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Orgyia basinigra (Heylaerts)***Synonyms: Dasychira basinigra Heylaerts***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Orgyia mixta Snellen****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Orgyia osseata (Walker)***Synonyms: Dasychira osseata Walker***Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

### ***Orgyia postica* (Walker)**

*Synonyms:* *Notolophus posticus* Walker

**Status:** fruit feeder, leaf feeder

**Distribution:** India (Wilkinson 1928), Indonesia Sumatra (Pardede 1986), Indonesia West Irian (Schreurs & Simon-Thomas 1961), Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Szent-Ivany & Dun 1964), Philippines (Sanchez & Liago 1968), Sri Lanka (De Alwis 1926)

**Primary parasites:** *Apanteles colemani* Vierick, India (Wilkinson 1928)  
*Telenomus* sp. , Indonesia Sumatra (Pardede 1986)

### ***Somena scintillans* (Walker)**

*Synonyms:* *Porthesia scintillans* Walker

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

### ***Stracaena fuscivena* Swinhoe**

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

## **LEPIDOPTERA MEGALOPYGIDAE**

### ***Megalopyge albicollis* Walker**

**Status:** no record

**Distribution:** Surinam (Van Dinther 1960)

## **LEPIDOPTERA METARBELIDAE**

### ***Indarbela acutistriata* (Mell.)**

*Synonyms:* *Arbela dea* (Indonesia) Swinhoe, *Squamura acutistriata* (Indonesia) (Mell.)

**Status:** bark feeder

**Distribution:** Indonesia Java (Van Leeuwen 1910a)

### ***Indarbela disciplaga* Swinhoe**

**Status:** bark feeder, no record

**Distribution:** Malaysia Sabah (Sidhu & Poon 1983), Malaysia W. Malaysia (Yunus & Ho 1980)

### ***Indarbela quadrinotata* (Walker)**

*Synonyms:* *Arbela quadrinotata* Walker, *Squamura quadrinotata* (Walker)

**Status:** bark feeder

**Distribution:** Sri Lanka (Green 1914)

### ***Indarbela* sp.**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

### ***Indarbela tetraonis* (Moore)**

*Synonyms:* *Arbela teraonis* (Moore), *Arbela tetraonis* Moore, *Squamura tetraonis* (Moore)

**Status:** bark feeder

**Distribution:** Indonesia Java (Paerels 1924)

### ***Metarbela* sp.**

**Status:** bark feeder

**Distribution:** Ghana (Smith 1965)

**Primary parasites:** *Meteoridea* sp. , Ghana (Smith 1965)

### ***Salagena transversa* Walker**

**Status:** bark feeder

**Distribution:** Ghana (Smith 1965)

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## LEPIDOPTERA NOCTUIDAE

### **Achaea catocaloides Guenee**

**Status:** leaf feeder

**Distribution:** Cameroon (Lavabre 1957), Ghana (Smith 1965), Ivory Coast (Alibert 1951)

**Primary parasites:** *Blepharella lodosi* Mesnil, Ghana (Lodos 1968c)

### **Achaea janata (Linnaeus)**

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (Corbett & Miller 1933), Malaysia W. Malaysia (Ismail & Salim 1982), Papua New Guinea (Szent-Ivany 1963)

**Primary parasites:** *Apanteles* sp. near *creatonoti* Vierick, Malaysia W. Malaysia (Corbett & Miller 1933)

*Exorista* sp. near *sorbillans* Wiedemann, Papua New Guinea (Entwistle 1972)

*Telenomus* sp. , Papua New Guinea (Dun 1967)

*Trichogramma japonicum* Ashmead, Papua New Guinea (Dun 1967)

*Winthemia* ?*sumatrana* (Townsend), Papua New Guinea (Entwistle 1972)

### **Achaea lienardi Boisduval**

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

### **Agrotis ipsilon (Hufnagel)**

**Status:** collar feeder

**Distribution:** Colombia (De Franco 1958)

### **Agrotis subterranea (Fabricius)**

*Synonyms:* *Feltia annexa* (Trietschke)

**Status:** collar feeder

**Distribution:** Colombia (De Franco 1958)

### **Amyna octo (Guenee)**

*Synonyms:* *Ilattia octo* (Guenee)

**Status:** no record

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

### **Anomis leona Schaus**

**Status:** leaf feeder

**Distribution:** Cameroon (Lavabre 1957), Ghana (Smith 1965), Ivory Coast (Alibert 1951), Nigeria (Golding 1946), Sao Tome & Principe (Passos de Carvalho 1968)

**Primary parasites:** *Aleiodes* sp. , Ghana (Smith 1965)

*Brachymeria* sp. , Ghana (Smith 1965)

*Charops* sp. , Ghana (Smith 1965)

*Enicospilus* sp. , Ghana (Smith 1965)

*Euplectrus laphygmae* Ferriere, Ivory Coast (Alibert 1951)

*Euplectrus leonae* Risbec, Ghana (Owusu-Manu 1987)

*Euplectrus* sp. near *fuscipes* Ferriere, Ghana (Smith 1965)

*Puliciphora borinquensis* Wheeler, Ivory Coast (Alibert 1951)

*Trichogrammatoidea lutea* (Girault), Ivory Coast (Nguyen-Ban 1974)

### **Anomis sp.**

**Status:** leaf feeder

**Distribution:** Ivory Coast (Alibert 1951)

### **Argyrogramma signata (Fabricius)**

*Synonyms:* *Plusia signata* Fabricius

**Status:** leaf feeder

**Distribution:** Ivory Coast (Alibert 1951), Sierra Leone (Hargreaves, E. 1937)

### **Athetis sp.**

*Synonyms:* *Elydna* sp.

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

**Autoba lilacina Warren***Synonyms: Eublemma lilacina Warren***Status:** no record**Distribution:** Indonesia Java (Roepke 1916c)**Autoba rubra Hampson***Synonyms: Eublemma rubra Hampson***Status:** leaf feeder**Distribution:** Papua New Guinea (Anon 1969)**Bleptina bifurcata Bethune-Baker****Status:** leaf feeder**Distribution:** Papua New Guinea (Bourke et al 1971)**Catephiodes zuelana (Schaus)****Status:** leaf feeder**Distribution:** Costa Rica (Weber 1957), Surinam (Reyne 1920), Trinidad & Tobago (Kirkpatrick 1954)**Cerynea contentaria Walker****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Chrysodeixis acuta (Walker)***Synonyms: Plusia acuta Walker***Status:** no record**Distribution:** Nigeria (Golding 1946)**Chrysodeixis chalcites (Esper)***Synonyms: Phytometra chalcites Esper, Plusia chalcites Esper***Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Sierra Leone (Hargreaves, E. 1932)**Chrysodeixis eriosoma (Doubleday)***Synonyms: Chrysodeixis chalcites (Asia & Pacific) (Esper), Plusia chalcites (Asia & Pacific) Esper***Status:** leaf feeder**Distribution:** Fiji (O'Connor 1959), Malaysia W. Malaysia (Miller 1941)**Coccidiphaga scitula (Rambur)***Synonyms: Eublemma scitula Rambur***Status:** predator**Distribution:** Nigeria (Lamborn 1914), Uganda (Gowdey 1917)**Predator of:** Parastictococcus multispinosus (Newstead), Nigeria (Lamborn 1914)

Vitrococcus conchiformis (Newstead), Uganda (Gowdey 1917)

**Corgatha sp. near leucosticta Hampson****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Deinypena fulvida (Holland)***Synonyms: Anomis fulvida Holland***Status:** no record**Distribution:** Cameroon (Lavabre 1957)**Diopa sp.****Status:** no record**Distribution:** Brazil (De Mello-Mendes Zucchi & De Barros-Mendes 1991)**Dorbeta albicauda (Hampson)***Synonyms: Blangmarditia albicauda Hampson***Status:** no record**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

**Eublemma costimacula (Saalmuller)****Status:** predator**Distribution:** Uganda (Gowdey 1913)**Predator of:** *Parastictococcus multispinosus* (Newstead), Uganda (Gowdey 1913)**Eublemma ochrochroa Hampson****Status:** predator**Distribution:** Nigeria (Lamborn 1914)**Predator of:** *Stictococcus sjostedti* Cockerell, Nigeria (Lamborn 1914)**Eublemma sp.****Status:** predator**Distribution:** Sri Lanka (Hutson 1922)**Predator of:** *Kerria albizziae* (Green), Sri Lanka (Hutson 1922)**Euclystis plusioides (Walker)****Status:** no record**Distribution:** Brazil (De Mello-Mendes Zucchi & De Barros-Mendes 1991)**Eudrapa mollis Walker****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Hampsonodes mastoides (Hampson)***Synonyms:* *Calymniodes mastoides* Hampson**Status:** no record**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Helicoverpa armigera (Hubner)***Synonyms:* *Heliothis armigera conferta* Hubner**Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961), Papua New Guinea (Barrett 1967)**Helicoverpa zea Boddie***Synonyms:* *Chloridea obsoleta* Fabricius**Status:** no record**Distribution:** Sri Lanka (Senior-White 1920)**Hemeroblemma leontia (Stal)***Synonyms:* *Peosina leontia* (Stal)**Status:** no record**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Hemeroblemma mexicana (Guenee)***Synonyms:* *Melanchroia mexicana* Guenee, *Peosina mexicana* Guenee**Status:** fruit feeder, leaf feeder, shoot feeder**Distribution:** Brazil (Bondar 1924e), Mexico (Soto 1995a)**Hemeroblemma rengus (Poey)****Status:** no record**Distribution:** Cuba (Dias 2003), Dominican Republic (Feliz 1977), Trinidad & Tobago (Kirkpatrick 1954)**Lophoruza semiscripta Mabille****Status:** no record**Distribution:** Ghana (Smith 1965)**Simplicia caeneusalis Walker****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Simplicia mistacalis Guenee****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Spodoptera androgea (Stal)**

*Synonyms: Spodoptera litura (Brazil) (Fabricius)*

**Status:** leaf feeder, shoot feeder

**Distribution:** Brazil (Zucchi & Silveira Neto 1984), Trinidad & Tobago (Kirkpatrick 1954)

**Spodoptera dolichos (Fabricius)**

**Status:** leaf feeder, shoot feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

**Spodoptera eridania (Stal)**

**Status:** leaf feeder, shoot feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

**Spodoptera frugiperda (Smith)**

**Status:** leaf feeder, shoot feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

**Spodoptera latifascia (Walker)**

**Status:** leaf feeder, shoot feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

**Spodoptera littoralis (Boisduval)**

*Synonyms: Prodenia litura (W.Africa) Fabricius*

**Status:** leaf feeder

**Distribution:** Cameroon (Lavabre 1957), Ghana (Smith 1965), Ivory Coast (Alibert 1951), Nigeria (Golding 1946), Sudan (Schmutterer 1969)

**Primary parasites:** *Apanteles risbeci* De Saeger, Senegal (Alibert 1951)

*Cotesia ruficrus* (Haliday), Ivory Coast (Alibert 1951)

**Spodoptera litura (Fabricius)**

**Status:** leaf feeder

**Distribution:** Fiji (O'Connor 1959), Indonesia West Irian (Schreurs & Simon-Thomas 1961), Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Froggatt 1938)

**Spodoptera sp.**

**Status:** leaf feeder

**Distribution:** Sao Tome & Principe (Passos de Carvalho 1968)

**Tiracola plagiata (Walker)**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Froggatt 1938)

**Primary parasites:** *Echthromorpha agrestoria insidiator* (Smith), Papua New Guinea (Entwistle 1972)  
*Exorista xanthaspis* Wiedemann, Papua New Guinea (Entwistle 1972)

**Predators:** *Actinus imperialis* (Fauvel), Papua New Guinea (Entwistle 1972)

*Anoplolepis gracilipes* (F.Smith), Papua New Guinea (Entwistle 1972)

*Eumenes latreillei petiolaris* Schulz, Papua New Guinea (Entwistle 1972)

*Helonotus exsugiens* Stal, Papua New Guinea (Entwistle 1972)

*Hexacentrus unicolor* Walker, Papua New Guinea (Entwistle 1972)

*Maira* sp. , Papua New Guinea (Entwistle 1972)

*Nertha ampliata* (Montford), Papua New Guinea (Entwistle 1972)

*Pheidole megacephala* (Fabricius), Papua New Guinea (Entwistle 1972)

*Platynopus melacanthus* (Boisduval), Papua New Guinea (Entwistle 1972)

*Pristhesancus femoralis* Horvath, Papua New Guinea (Entwistle 1972)

*Sceliphron laetum* (F.Smith), Papua New Guinea (Entwistle 1972)

**Zurobata vacillans (Walker)**

*Synonyms: Oruza vacillans* Walker

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

## LEPIDOPTERA NOLIDAE

### Characoma stictigrapta Hampson

**Status:** fruit feeder

**Distribution:** Cameroon (Lavabre 1957), Equatorial Guinea Bioko (Cotterell 1930a), Ghana (Patterson 1914), Ivory Coast (Alibert 1951), Nigeria (Golding 1946), Sao Tome & Principe (Passos de Carvalho 1968), Sierra Leone (Hargreaves, E. 1937), Zaire (Cotterell 1930a)

**Primary parasites:** Agathis sp. , Ghana (Smith 1965)

Agrypon sp. , Ghana (Akotoye 1975)

Apanteles sp. , Ghana (Smith 1965)

Cadurcia auratocauda (Curran), Ghana (Akotoye 1975)

Carcelia angulicornis Villeneuve, Ghana (Smith 1965)

Charops sp. , Ghana (Smith 1965)

Elasmus sp. , Ghana (Akotoye 1975)

Goryphus sp. near braunsii (Kriechbaumer), Ghana (Akotoye 1975)

Netelia sp. , Ghana (Akotoye 1975)

Palexorista amicula Mesnil, Ghana (Smith 1965)

Palexorista sp. near imberbis (Wiedemann), Ghana (Akotoye 1975)

Pristomerus sp. , Ghana (Akotoye 1975)

Zenilliana sp. , Ivory Coast (Alibert 1951)

**Hyperparasites:** Pediobius minimus Delucchi, Ghana (Akotoye 1975)

**Predators:** Crematogaster sp. , Ghana (Akotoye 1975)

Oecophylla longinoda (Latreille), Ivory Coast (Alibert 1951)

### Earias biplaga Walker

*Synonyms:* *Earias citrina* Saalmuller

**Status:** bud feeder, fruit feeder, leaf feeder

**Distribution:** Cameroon (Nguyen-Ban & Mpe 1987), Ghana (Smith 1962), Ivory Coast (Alibert 1951), Nigeria (Lamborn 1914), Papua New Guinea (Szent-Ivany & Dun 1964), Sao Tome & Principe (Passos de Carvalho 1968), Sudan (Schmutterer 1969), Togo (Alibert 1951), Zaire (Alibert 1951)

**Primary parasites:** Agrypon sp. , Nigeria (Entwistle 1969)

Apanteles (ater group) sp. , Nigeria (Entwistle 1972)

Apanteles (ultor group) sp. , Nigeria (Entwistle 1969)

Apanteles biplagae Fischer, Ivory Coast (Nguyen-Ban 1968)

Apanteles carterus Walker, Ivory Coast (Alibert 1951)

Apanteles diparopsidis Lyle, Uganda (Alibert 1951)

Apanteles sp. , Nigeria (Kumar & Nutsugah 1979)

Bassus aciculatus Brues, Ghana (Smith 1965), Nigeria (Entwistle 1969), Zaire (Alibert 1951)

Brachycoryphus sp. , Nigeria (Entwistle 1969)

Brachymeria minuta (Linnaeus), Ivory Coast (Alibert 1951)

Brachymeria sp. , Nigeria (Entwistle 1969)

Bracon brevicornis (Wesmael), Zaire (Alibert 1951)

Bracon lefroyi (Dudgeon & Gough), Zaire (Alibert 1951)

Charops sp. , Ghana (Smith 1965), Ivory Coast (Alibert 1951), Nigeria (Entwistle 1969)

Exorista sorbillans (Wiedemann), Ghana (Smith 1965)

Microgaster sp. , Nigeria (Pomeroy 1925)

Netelia sp. , Nigeria (Entwistle 1969)

Ophion sp. , Ivory Coast (Alibert 1951)

Peribaea ?mitis Curran, Ghana (Smith 1965)

Peribaea suspecta (Malloch), Zaire (Alibert 1951)

Pristomerus sp. , Nigeria (Entwistle 1969)

Trichogrammatoidea lutea (Girault), Ivory Coast (Nguyen-Ban 1975a), Nigeria (Entwistle 1969), Nigeria (Kumar & Nutsugah 1979)

**Predators:** Rhynchium ventrale Saussure, Nigeria (Lamborn 1914)

Vestula lineaticeps (Signoret), Ghana (Smith 1965)

### Earias sp.

**Status:** no record

**Distribution:** Papua New Guinea (Froggatt 1938)



**Lophocrama phoenicochlora Hampson****Status:** leaf feeder**Distribution:** Cameroon (Lavabre 1957), Ghana (Smith 1965), Nigeria (Golding 1946)**Primary parasites:** Apanteles sp. , Ghana (Smith 1965)

Charops sp. , Ghana (Smith 1965)

Enicospilus sp. , Ghana (Smith 1965)

**Maurilia albirivula Hampson****Status:** no record**Distribution:** Ghana (Smith 1965)**Selepa celtis (Moore)****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Selepa leucograpta Hampson****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Selepa sp.****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**LEPIDOPTERA NOTODONTIDAE****Epidonta variegata (Aurivillius)***Synonyms:* *Alenophalera variegata Aurivillius***Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Lirimiris meridionalis (Schaus)****Status:** no record**Distribution:** Belize (Young 1983a)**Predators:** Forcipomyia fuliginosa (Meigen), Belize (Young 1983a)**Neostauropus alternus (Walker)***Synonyms:* *Stauropus alternus Walker***Status:** leaf feeder**Distribution:** India (Siddappaji Reddy & Pattanshetti 1974), Indonesia Java (Dammerman 1929), Indonesia Sumatra (Menzel 1923), Sri Lanka (Rutherford 1914b)**Primary parasites:** Cotesia taprobanae (Cameron), Indonesia Java (Menzel 1923), Indonesia Sumatra (Menzel 1923)**Scalmicauda sp.***Synonyms:* *Graphidura sp.***Status:** no record**Distribution:** Ghana (Majer 1975)**Scalmicauda sp. near argenteomaculata (Aurivillius)***Synonyms:* *Graphidura sp. near argenteomaculata Aurivillius***Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**LEPIDOPTERA NYMPHALIDAE****Acraea alciope Hewitson****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)

**Acraea lycoa Godart****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Acraea pharsalus Ward****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Acraea rogersi Hewitson****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Acraea zetes Linnaeus****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Brassolis isthmia Bates****Status:** no record**Distribution:** Costa Rica (Anon 1924)**Brassolis sophorae Linnaeus****Status:** leaf feeder**Distribution:** Brazil (Zanetti et al 1999), Trinidad & Tobago (Urich 1921)**Callicore sp.****Status:** leaf feeder**Distribution:** Colombia (De Franco 1958)**Diaethria clymene meridionalis Bates***Synonyms: Callicore meridionalis Staudinger***Status:** leaf feeder**Distribution:** Brazil (Bondar 1924e)**Euploea leucostictos Gmelin***Synonyms: Euploea nemertes ssp. near ulagona Ribbe***Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1963)**Euriphene plautilla Hewitson***Synonyms: Euryphura plautilla Hewitson***Status:** no record**Distribution:** Ghana (Smith 1965)**Hypolimnas alimena (Linnaeus)****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1963)**Hypolimnas misippus Linnaeus****Status:** no record**Distribution:** Sao Tome & Principe (Entwistle 1972)**Junonia pelarga (Fabricius)***Synonyms: Precis pelarga Fabricius***Status:** no record**Distribution:** Nigeria (Golding 1946)**Phalanta eurytis Doubleday***Synonyms: Atella columbina Cramer***Status:** leaf feeder**Distribution:** Ghana (Smith 1965)

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**LEPIDOPTERA OECOPHORIDAE**
**Anadasmus porinodes (Meyrick)****Status:** fruit feeder**Distribution:** Venezuela (Jimenez 2003)**Athrypsiastis symmetra Meyrick****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Cerconota carbonifer (Busck)****Status:** fruit feeder**Distribution:** Venezuela (Anon 2000)**Cerconota dimorpha Duckworth****Status:** fruit feeder**Distribution:** Brazil (De Mello-Mendes Zucchi & De Barros-Mendes 1991)**Nephantis serinopa Meyrick****Status:** no record**Distribution:** India (Kerrich 1973)**Primary parasites:** *Pediobius imbreus* Walker, India (Kerrich 1973)**Odites sp.****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Pansepta teleturga Meyrick****Status:** branch feeder, stem/trunk feeder**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961), Papua New Guinea (Szent-Ivany & Dun 1964)**Primary parasites:** *Brachymeria* sp. , Papua New Guinea (Bailey 1978)*Curria* sp. , Papua New Guinea (Quicke 1983)*Ipoobracon* sp. , Papua New Guinea (Entwistle 1972)**Stathmopoda sp. near trichopeda Lower****Status:** predator**Distribution:** Papua New Guinea (Williams & Watson 1990)**Predator of:** *Drepanococcus chiton* (Green), Papua New Guinea (Williams & Watson 1990)**Stenoma baliandra (Meyrick)***Synonyms:* *Zetesima baliandra* Meyrick, *Zetesima theobromae* Busck**Status:** leaf feeder**Distribution:** Brazil (De Mello-Mendes Zucchi & De Barros-Mendes 1991), Peru (Entwistle 1972), Surinam (Busck 1920)**Primary parasites:** *Conura* sp. , Surinam (Van Dinther 1960)**Stenoma decora Zeller****Status:** bark feeder, fruit feeder**Distribution:** Brazil (Silva 1944a)**Primary parasites:** *Arachnophaga hirtibasis* Gahan, Brazil (Silva & Heinrich 1947)*Winthemia pinguoides* (Townsend), Brazil (Silva 1944b)**Stenoma sp.****Status:** no record**Distribution:** Colombia (De Franco 1958)**Stenoma strigivenata (Butler)****Status:** no record**Distribution:** Brazil (Silva 1988a)

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**LEPIDOPTERA PAPILIONIDAE**
**Papilio demodocus Esper****Status:** no record**Distribution:** Sao Tome & Principe (Entwistle 1972)**Papilio nurettini Kocak***Synonyms: Papilio bromius Doubleday***Status:** no record**Distribution:** Sao Tome & Principe (Entwistle 1972)**LEPIDOPTERA PIERIDAE****Delias hyparete metarete Butler****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**LEPIDOPTERA PSYCHIDAE****Acanthoecia laminati (Heylaerts)***Synonyms: Heylaertsia larminati Joannis***Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924)**Acanthopsyche entwistlei Bourgogne****Status:** leaf feeder**Distribution:** Nigeria (Bourgogne 1962a)**Acanthopsyche melanoleuca Bourgogne****Status:** leaf feeder**Distribution:** Nigeria (Entwistle 1972)**Acanthopsyche sierricola (White)***Synonyms: Chalia sierricola (White), Metisa sierricola (White), Oiketicoides sierricola (White), Thyridopteryx sierricola (White)***Status:** leaf feeder**Distribution:** Nigeria (Bourgogne 1961)**Acanthopsyche sp.****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951), Malaysia W. Malaysia (Yunus & Ho 1980)**Acanthopsyche tristoides Bourgogne****Status:** leaf feeder**Distribution:** Nigeria (Bourgogne 1965)**Amatissa sp.****Status:** leaf feeder**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Bourgogneia obscurior (Bourgogne)***Synonyms: Manatha obscurior Bourgogne***Status:** leaf feeder**Distribution:** Nigeria (Bourgogne 1962a)**Brachycyttarus griseus Joannis****Status:** leaf feeder**Distribution:** Malaysia Sabah (Conway 1971)

**Brachycyttarus reijnvaanii (Leeuwen)***Synonyms: Pteroma reynvaani Heylaerts***Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924)**Chalioides sumatrensis (Heylaerts)***Synonyms: Animula sumatrensis Heylaerts***Status:** leaf feeder**Distribution:** Indonesia Java (Paerels 1924)**Clania sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Dappula tertia (Templeton)***Synonyms: Oiketicus tertia Templeton***Status:** leaf feeder**Distribution:** Malaysia Sabah (Conway 1971)**Diaphanopsyche rogenhoferi (Heylaerts)***Synonyms: Monda rogenhoferi Heylaerts***Status:** leaf feeder**Distribution:** Nigeria (Entwistle 1972)**Dichromopsyche sp.****Status:** leaf feeder**Distribution:** Nigeria (Entwistle 1972)**Eumeta cervina Druce****Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Nigeria (Entwistle 1963b)**Eumeta crameri (Westwood)***Synonyms: Clania crameri Hampson, Cryptothelia crameri (Westwood), Eumeta layardi Walker, Oiketicus crameri Westwood***Status:** leaf feeder**Distribution:** Indonesia Java (Roepke 1915), Indonesia Sumatra (Rhains Gries & Saleh 1997), Indonesia West Irian (Schreurs & Simon-Thomas 1961), Malaysia Sabah (Conway 1971)**Eumeta rougeoti Bourgogne****Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Nigeria (Entwistle 1963b)**Primary parasites:** Exorista ?ebneri (Villeneuve), Nigeria (Entwistle 1972)**Eumeta sp. near variegata (Snellen)****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Eumeta variegata (Snellen)***Synonyms: Clania variegata (Snellen), Clania wallacei Swinhoe, Oiketicus variegata (Snellen)***Status:** leaf feeder**Distribution:** Indonesia Java (De Haan 1933), Indonesia West Irian (Schreurs & Simon-Thomas 1961), Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Corbett & Miller 1933)**Primary parasites:** Nealsomyia rufella (Bezzi), Malaysia (Corbett & Miller 1933)

Sarcophaga caudagalli Boettcher, Malaysia (Corbett &amp; Miller 1933)

**Kophene cuprea Moore****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Kophene sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Kotochalia junodi (Heylaerts)****Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Nigeria (Entwistle 1963b)**Kotochalia sp.***Synonyms:* *Chalia sp.***Status:** bark feeder**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Primary parasites:** *Exorista thomasi* Mesnil, Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Mahasena corbetti Tams****Status:** leaf feeder**Distribution:** Indonesia Java (Kalshoven 1950-51), Indonesia Sumatra (Kalshoven 1950-51), Malaysia W. Malaysia (Yunus & Ho 1980)**Mahasena sp. near aurea (Butler)***Synonyms:* *Plateumeta sp. near aurea* Butler**Status:** leaf feeder**Distribution:** Malaysia Sabah (Conway 1971)**Melasena sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Metisa plana Walker****Status:** leaf feeder**Distribution:** Malaysia Sabah (Conway 1971)**Metura elongata (Saunders)****Status:** leaf feeder**Distribution:** Vanuatu (Risbec 1937)**Narycia sp.****Status:** leaf feeder**Distribution:** Malaysia Sabah (Conway 1971)**Oiketicoides javana Heylaerts***Synonyms:* *Clania sp. near destructor* Dudgeon, *Cryptothelia destructor* Dudgeon**Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Oiketicoides sp. near javana Heylaerts****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Oiketicus angulatus Gaede****Status:** leaf feeder**Distribution:** Nigeria (Entwistle 1972)**Oiketicus gigantea (Dudgeon)***Synonyms:* *Clania gigantea* Dudgeon**Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Oiketicus kirbyi (Guilding)****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Pagodiella hekmeyeri (Heylaerts)***Synonyms:* *Clania hekmeyeri* (Heylaerts), *Eumeta hekmeyeri* (Heylaerts), *Pagodia hekmeyeri* (Heylaerts)**Status:** leaf feeder**Distribution:** Indonesia Java (Bernard 1919), Indonesia Sumatra (Van Heurn 1919), Indonesia West Irian (Schreurs & Simon-Thomas 1961), Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Yunus & Ho 1980)

**Pseudometisa aemula (Bourgogne)**

*Synonyms: Metisa aemula Bourgogne*

**Status:** leaf feeder

**Distribution:** Nigeria (Bourgogne 1962b)

**Pteroma pendula (De Joannis)**

*Synonyms: Crematopsyche pendula De Joannis*

**Status:** leaf feeder

**Distribution:** Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Yunus & Ho 1980)

**Pteroma plagiophleps (Hampson)**

**Status:** leaf feeder

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961), Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Szent-Ivany & Dun 1964)

**LEPIDOPTERA PTEROPHORIDAE****Oxyptilus sp.**

**Status:** leaf feeder

**Distribution:** Brazil (Silva 1980), Ghana (Smith 1965), Ivory Coast (Alibert 1951), Trinidad & Tobago (Kirkpatrick 1954)

**Primary parasites:** *Actia panamensis* Curran, Trinidad & Tobago (Entwistle 1972)

**Sphenarches caffer Zeller**

**Status:** no record

**Distribution:** Ghana (Smith 1965), Malaysia W. Malaysia (Yunus & Ho 1980), Sri Lanka (Senior-White 1920)

**LEPIDOPTERA PYRALIDAE****Agathodes caliginosalis Snellen**

**Status:** no record

**Distribution:** Indonesia Sulawesi (Hoehn et al 2009)

**Predators:** *Rhynchium haemorrhoidale* (Fabricius), Indonesia Sulawesi (Hoehn et al 2009)

**Amyelois transitella (Walker)**

*Synonyms: Myelois duplipunctata Ragonot, Paramyelois duplipunctella (Ragonot)*

**Status:** fruit feeder

**Distribution:** Brazil (Bondar 1939a)

**Apomyelois muriscis (Dyar)**

*Synonyms: Spectrobates muriscis (Dyar)*

**Status:** no record

**Distribution:** Costa Rica (Weber 1957)

**Assara albicostalis (Walker)**

*Synonyms: Ephestia albicostalis (Walker), Hyphantidium albicostalis (Walker)*

**Status:** fruit feeder

**Distribution:** Malaysia W. Malaysia (Miller 1941)

**Assara sp.**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Bocchoropsis phraxalis Druce**

*Synonyms: Bocchoris phraxalis Druce*

**Status:** leaf feeder

**Distribution:** Brazil (Silva 1988a), Colombia (Urueta Sandino 1975b), Cuba (Tur & Vazquez 1991), Dominican Republic (Wolcott 1922)

**Bocchoropsis plenelinealis (Dyar)**

*Synonyms: Bocchoris plenelinealis Dyar*

**Status:** leaf feeder

**Distribution:** Surinam (Reyne 1920)

**Cadra cautella (Walker)**

*Synonyms: Ephestia cautella Walker*

**Status:** seed feeder/storage

**Distribution:** Brazil (Silva 1974), Ecuador (Knoche 1963), Equatorial Guinea Bioko (Alvarez Aparicio 1943), Ghana (Nicol 1941), Grenada (Nicol 1941), Indonesia (Dharmaputra et al 2000), Ivory Coast (Alibert 1951), Ivory Coast (Finkelman et al 2003), Jamaica (Ritchie 1917), Malaysia W. Malaysia (Yunus & Ho 1980), Nigeria (Golding 1941b), Papua New Guinea (Froggatt 1937), Sao Tome & Principe (De Gouveia & Da Sousa 1968), Sri Lanka (Fernando 1939), Trinidad & Tobago (Nicol 1941), Venezuela (Knoche 1963)

**Primary parasites:** Bracon hebetor Say, Ghana (Rawnsley 1968), Nigeria (Cotterell 1952)

**Conogethes punctiferalis (Guenee)**

*Synonyms: Dichocrocis punctiferalis Guenee*

**Status:** flower feeder, fruit feeder

**Distribution:** India (Mohanani & Kumar 1976), Indonesia Java (Kalshoven 1923), Malaysia W. Malaysia (Miller 1941), Sri Lanka (Jepson 1924)

**Primary parasites:** Brachymeria sp. , Malaysia (Khoo Ooi & Ho 1991)

**Corcyra cephalonica (Stainton)**

**Status:** seed feeder/storage

**Distribution:** Brazil (Da Costa Lima 1936), Dominican Republic (Gómez-Menor 1934), Fiji (Simmonds 1924), Ghana (Nicol 1941), Ivory Coast (Alibert 1951), Malaysia W. Malaysia (Sivapragasam et al 1992), Nigeria (Mbata 1989), Sri Lanka (Hutson 1920), Venezuela (Nicol 1935)

**Doloessa viridis (Zeller)**

**Status:** seed feeder/storage

**Distribution:** Malaysia Sabah (Conway 1971), Malaysia W. Malaysia (Yunus & Ho 1980)

**Ectomyelois muriscus (Dyar)**

**Status:** fruit feeder

**Distribution:** Costa Rica (Young 1986a)

**Ephestia elutella (Hubner)**

**Status:** seed feeder/storage

**Distribution:** Brazil (Nicol 1941), Ghana (Anon 1932), Indonesia Java (Van Hall 1914), Jamaica (Edwards 1932), Sri Lanka (Van Hall 1914), Venezuela (Nicol 1941)

**Primary parasites:** Bracon hebetor Say, Ghana (Waters 1933)

**Ghesquirellana hirtusalis (Walker)**

*Synonyms: Polygrammodes hirtusalis Walker*

**Status:** no record

**Distribution:** Ghana (Smith 1965)

**Hyalobathra miniosalis Guenee**

**Status:** no record

**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)

**Mussidia nigrivenella Ragonot**

**Status:** fruit feeder

**Distribution:** Ghana (Hurlock 1959), Ivory Coast (Alibert 1951), Nigeria (Pomeroy 1921), Tanzania (Waiyaki 1973), Zaire (Mayne 1917)

**Mussidia pectinicornella (Hampson)**

*Synonyms: Myelois pectinicornella Hampson*

**Status:** fruit feeder

**Distribution:** Ghana (Smith 1965), Sri Lanka (Fletcher 1920a)

**Pilocrocis melastictalis Hampson**

**Status:** no record



**Distribution:** Ghana (Smith 1965)

**Plodia interpunctella (Hubner)**

**Status:** seed feeder/storage

**Distribution:** Ivory Coast (Finkelman et al 2003)

**Stenia minoraes Snellen**

*Synonyms:* *Stenia spodinopa Meyrick*

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

**Syllepte prorogata (Hampson)**

*Synonyms:* *Sylepta prorogata Hampson*

**Status:** leaf feeder

**Distribution:** Brazil (Bondar 1924e), Colombia (De Franco 1958), Dominican Republic (Schmutterer 1990), Trinidad & Tobago (Kirkpatrick 1954), Venezuela (Anon 2000)

**Primary parasites:** *Leurus caeruliventris* (Cresson), Brazil (Anon 1983)

*Microgaster* sp. , Brazil (Anon 1983)

*Perilampus* sp. , Brazil (Anon 1983)

**Syllepte retractalis (Hampson)**

*Synonyms:* *Sylepta retractalis Hampson*

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951), Nigeria (Golding 1946)

**Primary parasites:** *Cardiochiles* sp. , Ghana (Smith 1965)

*Cenocoelius* sp. , Ghana (Smith 1965), Ivory Coast (Alibert 1951)

*Pristomerus* sp. , Ghana (Smith 1965)

**Terastia meticulosalis Guenee**

**Status:** no record

**Distribution:** Brazil (Anon 1985), Papua New Guinea (Szent-Ivany 1963)

**LEPIDOPTERA SATURNIIDAE**

**Arsenura armida (Cramer)**

*Synonyms:* *Automeris armida (Fabricius)*, *Automeris armida erythrinae (Fabricius)*

**Status:** leaf feeder

**Distribution:** Brazil (Silva 1944a), Surinam (Van Dinther 1960)

**Primary parasites:** *Winthemia pinguoides* (Townsend), Brazil (Silva 1944b)

**Automeris janus Cramer**

**Status:** leaf feeder

**Distribution:** Trinidad & Tobago (Lamont 1917)

**Primary parasites:** *Belvosia aldrichi* (Townsend), Trinidad & Tobago (Lamont 1917)

**Automeris liberia Cramer**

*Synonyms:* *Automeris erisichton Boiduval*

**Status:** leaf feeder

**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)

**Dirphia tarquinia (Cramer)**

*Synonyms:* *Hyperdirphia tarquinia Cramer*

**Status:** leaf feeder

**Distribution:** Surinam (Van Dinther 1960)

**Imbrasia dione (Fabricius)**

*Synonyms:* *Nudaurellia dione Fabricius*

**Status:** leaf feeder

**Distribution:** Cameroon (Zacher 1915), Ghana (Smith 1965), Ivory Coast (Alibert 1951)

**Primary parasites:** *Solindenia* sp. , Ghana (Smith 1965), Ivory Coast (Alibert 1951)

**Imbrasia epimethea Drury****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Primary parasites:** *Senometopia evolans* Wiedemann, Ghana (Smith 1965)**LEPIDOPTERA SESIIDAE****Aegeria sp.****Status:** fruit feeder, shoot feeder**Distribution:** Indonesia Java (Van Leeuwen 1910b), Malaysia W. Malaysia (Thomas 1960)**Primary parasites:** *Elasmus nephantidis* Rohwer, Malaysia (Thomas 1960)*Telenomus* sp. , Malaysia (Thomas 1960)**Carmenta chrysophanes (Meyrick)***Synonyms:* *Conopia chrysophanes* (Meyrick)**Status:** branch feeder, stem/trunk feeder**Distribution:** Papua New Guinea (Bourke et al 1971)**Primary parasites:** *Apanteles* (*grandiculus* group) sp. , Papua New Guinea (Bourke et al 1971)**Carmenta foraseminis Eichlin****Status:** fruit feeder**Distribution:** Panama (Eichlin 1995), Venezuela (Jimenez 2003)**Carmenta sp. near chrysophanes (Meyrick)***Synonyms:* *Conopia sp. near chrysophanes* (Meyrick)**Status:** fruit feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Primary parasites:** *Apanteles* sp. near *abdominalis* Fabricius, Papua New Guinea (Szent-Ivany 1961)**Carmenta theobromae Linnaeus****Status:** fruit feeder**Distribution:** Venezuela (Marin Narvaez & Spinelli 1999)**Isothamnis sp.****Status:** stem/trunk feeder**Distribution:** Malaysia (Khoo Ooi & Ho 1991)**Synanthedon cirrhazona Diakonoff****Status:** fruit feeder**Distribution:** Philippines (Nagaraja et al 1987)**Synanthedon hector (Butler)***Synonyms:* *Aegeria hector* Butler**Status:** fruit feeder**Distribution:** Indonesia Java (Paerels 1924)**Synanthedon sp near theobromae (Busck)***Synonyms:* *Conopia sp. near theobromae* Busck**Status:** fruit feeder, shoot feeder**Distribution:** Colombia (Moncayo 1958)**Synanthedon theobromae (Busck)***Synonyms:* *Aegeria theobromae* (Busck), *Conopia theobromae* Bradley**Status:** fruit feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961), Trinidad & Tobago (Busck 1910)**Primary parasites:** *Apanteles* sp. near *abdominalis* Fabricius, Papua New Guinea (Szent-Ivany 1961)

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**LEPIDOPTERA SPHINGIDAE**
**Daphnis nerii (Linnaeus)****Status:** no record**Distribution:** Sao Tome & Principe (Entwistle 1972)**Hippotion eson Cramer****Status:** no record**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951)**Polyptychus carteri Butler****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**LEPIDOPTERA THYRIDIDAE****Iscalina mediosecta Warren***Synonyms: Striglina vulpina Warren***Status:** leaf feeder**Distribution:** Papua New Guinea (Anon 1969)**Iscalina rufocastanea (Rothschild)***Synonyms: Striglina rufocastanea Rothschild***Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Striglina asinina Warren****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1963)**Striglina sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Anon 1969)**LEPIDOPTERA TINEIDAE****Haplotinea insectella (Fabricius)***Synonyms: Setomorpha insectella (Fabricius)***Status:** no record**Distribution:** Brazil (Da Costa Lima 1936)**Moerarchis anomogramma (Meyrick)***Synonyms: Endothenis anomogramma Meyrick***Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1963)**Opogona sp.****Status:** stem/trunk feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Anon 1969)**Opogona theobroma Bradley****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Phthoropoea oenochares (Meyrick)***Synonyms: Plemyristis oenochares Meyrick***Status:** fruit feeder**Distribution:** Nigeria (Meyrick 1920-21)

**Trachycentra sp. near chlorogramma Meyrick****Status:** branch feeder**Distribution:** Papua New Guinea (Anon 1969)**LEPIDOPTERA TORTRICIDAE****Adoxophyes aurantiana Bradley****Status:** leaf feeder**Distribution:** Solomon Is (Lever 1968)**Adoxophyes fasciculana Walker****Status:** leaf feeder**Distribution:** Fiji (O'Connor 1959), Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Anon 1969)**Adoxophyes privatana (Walker)****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980), Sri Lanka (Hutson 1922)**Primary parasites:** *Brachymeria* sp. near *apicicornis* (Cameron), Malaysia (Khoo Ooi & Ho 1991)**Adoxophyes sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Anon 1971), Vanuatu (Risbec 1937)**Primary parasites:** *Apanteles* sp. , Vanuatu (Entwistle 1972)*Exorista* sp. , Vanuatu (Entwistle 1972)**Archips epicyrta Meyrick***Synonyms:* *Cacoecia epicyrta* Meyrick**Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Archips machlopi Meyrick***Synonyms:* *Cacoecia machlopi* Meyrick**Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Archips occidentalis (Walsingham)****Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Archips sp.***Synonyms:* *Cacoecia* sp.**Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Cryptophlebia encarpa Meyrick****Status:** fruit feeder**Distribution:** Malaysia Sarawak (Gumbek 1986), Malaysia W. Malaysia (Ubaidillah 1996), Papua New Guinea (Baker 1976a)**Primary parasites:** *Brachymeria encarpae* Ubaidillah, Malaysia (Ubaidillah 1996)**Cryptophlebia sp. near encarpa Meyrick****Status:** no record**Distribution:** Papua New Guinea (Szent-Ivany 1963)**Eccopsis sp. near praecedens (Walsingham)***Synonyms:* *Argyroploce* sp. near *praecedens* Walsingham, *Olethreutes* sp. near *praecedens* Walsingham**Status:** leaf feeder**Distribution:** Ghana (Smith 1965)**Primary parasites:** *Atrometus* sp. , Ghana (Smith 1965)*Cadurcia auratocauda* (Curran), Ghana (Smith 1965)

**Ecdytophpha aurantianum (Da Costa Lima)****Status:** fruit feeder**Distribution:** Venezuela (Jimenez 2003)**Ecdytophpha punctidiscanum Dyar****Status:** fruit feeder**Distribution:** Trinidad & Tobago (Kirkpatrick 1954)**Homona aestivata (Walker)***Synonyms: Adoxophyes aestivata Walker***Status:** leaf feeder**Distribution:** Papua New Guinea (Anon 1969)**Homona coffearia (Nietner)****Status:** leaf feeder**Distribution:** Papua New Guinea (Anon 1971)**Homona nubiferana Walker****Status:** shoot feeder**Distribution:** Indonesia Java (Kalshoven 1950-51)**Homona picrostacta Meyrick****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Homona salaconis Meyrick***Synonyms: Archips spilotoma Meyrick***Status:** leaf feeder**Distribution:** Papua New Guinea (Anon 1969)**Homona sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980), Papua New Guinea (Anon 1969)**Homona trachyptera Diakonoff****Status:** no record**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Laspeyresia sp.****Status:** branch feeder**Distribution:** Ivory Coast (Alibert 1951), Papua New Guinea (Szent-Ivany & Dun 1964)**Olethreutes sp.****Status:** fruit feeder**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)**Russograptis callopista (Durrant)***Synonyms: Tortrix callopista Durrant***Status:** predator**Distribution:** Nigeria (Lamborn 1914)**Predator of:** Stictococcus sjostedti Cockerell, Nigeria (Lamborn 1914)**Tortrix dinota Meyrick****Status:** leaf feeder**Distribution:** Ghana (Smith 1965), Ivory Coast (Alibert 1951)**Primary parasites:** Cadurcia auratocauda (Curran), Ghana (Smith 1965)

Sjoestedtella sp. , Ghana (Smith 1965)

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**LEPIDOPTERA ZYGAENIDAE****Anamoeotes tenellula Holland**

*Synonyms: Staphylinochrous tenellula Holland*

**Status:** leaf feeder

**Distribution:** Ghana (Smith 1965)

**Homophylotis sp.**

**Status:** no record

**Distribution:** Malaysia Sabah (Conway 1971)

## MANTODEA AMORPHOSCELIDAE

### *Amorphoscelis* sp.

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

## MANTODEA HYMENOPODIDAE

### *Anasigerpes bifasciata* Giglio-Tos

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

### *Chloroharpax modesta* (Gerstaecker)

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

### *Panurgica compressicollis* (Saussure)

**Status:** predator

**Distribution:** Ghana (Marchart 1968)

**Predator of:** *Distantiella theobroma* (Distant), Ghana (Marchart 1968)

*Sahlbergella singularis* Haglund, Ghana (Collingwood 1971)

## MANTODEA MANTIDAE

### *Cataspilota calabrica* (Westwood)

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

### *Cataspilota misana* (Giglio-Tos)

**Status:** predator

**Distribution:** Ghana (Marchart 1968)

**Predator of:** *Distantiella theobroma* (Distant), Ghana (Marchart 1968)

*Sahlbergella singularis* Haglund, Ghana (Collingwood 1971)

### *Miomantis aurea* Giglio-Tos

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

### *Miomantis paykullii* Stal

*Synonyms:* *Miomantis pharaoonis* Saussure

**Status:** predator

**Distribution:** Nigeria (Eguagie 1975a)

**Predator of:** *Bathycoelia thalassina* (Herrich-Schaffer), Nigeria (Eguagie 1975a)

### *Paramantis togana* Giglio-Tos

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

### *Plistospilota guineensis* Roy

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

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**Polyspilota aeruginosa (Goeze)**

**Status:** predator

**Distribution:** Ghana (Majer 1975), Nigeria (Eguagie 1975a)

**Predator of:** Bathycoelia thalassina (Herrich-Schaffer), Nigeria (Eguagie 1975a)  
Not recorded -, Ghana (Majer 1975)

**Prohierodula ornatipennis (Bolivar)**

**Status:** predator

**Distribution:** Ghana (Marchart 1968)

**Predator of:** Distantiella theobroma (Distant), Ghana (Marchart 1968)  
Sahlbergella singularis Haglund, Ghana (Collingwood 1971)

**Pseudocreobotra wahlbergi Stal**

**Status:** predator

**Distribution:** Uganda (Gowdey 1913)

**Predator of:** Toxoptera aurantii (Boyer de Fonscolombe), Uganda (Gowdey 1913)

**Sphodromantis aurea Giglio-Tos**

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

**Sphodromantis bioculata (Linnaeus)**

**Status:** predator

**Distribution:** Zaire (Entwistle 1972)

**Predator of:** Sahlbergella singularis Haglund, Zaire (Entwistle 1972)

**Sphodromantis lineola (Burmeister)**

**Status:** predator

**Distribution:** Ghana (Marchart 1968), Nigeria (Eguagie 1975a), Uganda (Gowdey 1913)

**Predator of:** Bathycoelia thalassina (Herrich-Schaffer), Nigeria (Eguagie 1975a)  
Distantiella theobroma (Distant), Ghana (Marchart 1968)  
Sahlbergella singularis Haglund, Ghana (Collingwood 1971)  
Toxoptera aurantii (Boyer de Fonscolombe), Uganda (Gowdey 1913)

**Stenopyga ziela Roy**

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

**Tarachodes gerstaeckeri Werner**

**Status:** predator

**Distribution:** Ghana (Marchart 1968)

**Predator of:** Distantiella theobroma (Distant), Ghana (Marchart 1968)

**Theopompella westwoodi (Kirby)**

**Status:** predator

**Distribution:** Ghana (Lodos 1968b)

**Predator of:** Bathycoelia thalassina (Herrich-Schaffer), Ghana (Lodos 1968b)



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## NEUROPTERA CHRYSOPIDAE

### **Ankylopteryx sp.**

**Status:** predator

**Distribution:** Ghana (Majer 1975), Sao Tome & Principe (Penny 2005)

**Predator of:** Not recorded -, Ghana (Majer 1975), Sao Tome & Principe (Penny 2005)

### **Ankylopteryx tristica Navas**

**Status:** predator

**Distribution:** Equatorial Guinea Bioko (Penny 2005), Sao Tome & Principe (Penny 2005)

**Predator of:** Not recorded -, Equatorial Guinea Bioko (Penny 2005), Sao Tome & Principe (Penny 2005)

### **Ceraeochrysa sp.**

**Status:** predator

**Distribution:** Mexico (Cortéz-Madrigal et al 2008)

**Predator of:** Lecanoideus floccissimus Martin et al, Mexico (Cortéz-Madrigal et al 2008)

### **Ceratochrysa antica (Walker)**

**Status:** predator

**Distribution:** Sao Tome & Principe (Penny 2005)

**Predator of:** Not recorded -, Sao Tome & Principe (Penny 2005)

### **Chrysopa sp.**

**Status:** predator

**Distribution:** Ghana (Lodos 1968c), Surinam (Reyne 1920), Togo (Dufour 1991), Trinidad & Tobago (Callan 1943)

**Predator of:** Ferrisia virgata (Cockerell), Ghana (Donald 1956), Togo (Dufour 1991)

Formicococcus njalensis (Laing), Togo (Dufour 1991)

Mesohomotoma tessmanni (Aulmann), Ghana (Lodos 1968c)

Not recorded -, Ghana (Majer 1975)

Planococcus citri (Risso), Togo (Dufour 1991)

Selenothrips rubrocinctus (Giard), Trinidad & Tobago (Callan 1943)

Toxoptera aurantii (Boyer de Fonscolombe), Ghana (Firempong & Kumar 1975)

### **Leucochrysa varia Schneider**

**Status:** predator

**Distribution:** Trinidad & Tobago (Callan 1943)

**Predator of:** Selenothrips rubrocinctus (Giard), Trinidad & Tobago (Callan 1943)

### **Pseudomallada sjostedti (Van der Weele)**

**Status:** predator

**Distribution:** Sao Tome & Principe (Penny 2005)

**Predator of:** Not recorded -, Sao Tome & Principe (Penny 2005)

## NEUROPTERA HEMEROBIIDAE

### **Micromus timidus Hagen**

**Status:** predator

**Distribution:** Ghana (Majer 1975), Sao Tome & Principe (Penny 2005)

**Predator of:** Not recorded -, Ghana (Majer 1975), Sao Tome & Principe (Penny 2005)

### **Notiobiella rosea Kimmins**

**Status:** predator

**Distribution:** Ghana (Majer 1975)

**Predator of:** Not recorded -, Ghana (Majer 1975)

### **Notiobiella sp.**

**Status:** predator

**Distribution:** Sao Tome & Principe (Penny 2005)

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**Predator of:** Not recorded -, Sao Tome & Principe (Penny 2005)

## **ODONATA AESHNIDAE**

### **Gynacantha bifida Rambur**

**Status:** predator

**Distribution:** Brazil (Soria & Machado 1982)

**Predator of:** Xyleborus sp. , Brazil (Soria & Machado 1982)

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**ORTHOPTERA ACRIDIDAE**
***Acrida turrita* (Linnaeus)****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)***Aiolopus thalassinus tamulus* (Fabricius)****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)***Apalachris varicornis* Walker****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (FAO 1961)***Caryanda diminuta* (Walker)***Synonyms: Oxya diminuta* (Walker)**Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)***Chondracris rosea* (De Geer)****Status:** leaf feeder**Distribution:** Taiwan (Sonan 1940), Thailand (Roffey 1979)***Coscineuta* sp.****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Urich 1921)***Coscineuta virens* (Thunberg)****Status:** leaf feeder**Distribution:** Trinidad & Tobago (Anon 1982)***Desmopterella explicata* (Karsch)****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)***Erucius apicalis* Westwood****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)***Gastrimargus marmoratus* (Thunberg)***Synonyms: Gastrimargus transversus* (Malaysia) Thunberg**Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)***Locusta migratoria migratorioides* (Reiche & Fairmaire)****Status:** leaf feeder**Distribution:** Guinea (Chevalier 1931)***Orphulella concinnula* (Walker)****Status:** leaf feeder**Distribution:** Surinam (Van Dinther 1960)***Oxya japonica vitticollis* (Blanchard)***Synonyms: Oxya gavis* (Walker)**Status:** leaf feeder**Distribution:** Solomon Is (Lever 1968)***Oxycatantops spissus spissus* (Walker)***Synonyms: Catantops spissus spissus* (Walker)**Status:** leaf feeder**Distribution:** Nigeria (Golding 1948)

**Parapropacris notatus (Karsch)***Synonyms: Anacatantops notatus (Karsch)***Status:** leaf feeder**Distribution:** Nigeria (Golding 1940)**Phlaeoba antennata Brunner von Wattenwyl****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Phlaeoba fumosa (Serville)****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Phlaeoba sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Prionolopha serrata (Linnaeus)****Status:** leaf feeder**Distribution:** Surinam (Van Dinther 1960)**Schistocerca cancellata paranensis (Burmeister)***Synonyms: Schistocerca paranensis Burmeister***Status:** leaf feeder**Distribution:** Venezuela (Freeman 1915)**Schistocerca flavofasciata (De Geer)****Status:** leaf feeder**Distribution:** Brazil (Da Costa Lima 1936), Surinam (Van Dinther 1960), Trinidad & Tobago (Kevan 1943)**Stenocatantops angustifrons (Walker)****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Stenocatantops splendens (Thunberg)***Synonyms: Catantops splendens Thunberg***Status:** leaf feeder**Distribution:** Indonesia (Willemse 1957), Malaysia W. Malaysia (Yunus & Ho 1980)**Taeniophora sp.****Status:** leaf feeder**Distribution:** Costa Rica (Weber 1957)**Trilophidia annulata (Thunberg)****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Valanga gohieri Le Guillou****Status:** leaf feeder**Distribution:** Indonesia West Irian (Schreurs & Simon-Thomas 1961)**Valanga nigricornis melanocornis (Serville)****Status:** leaf feeder**Distribution:** Indonesia Java (Kalshoven 1950-51)**Valanga nigricornis nigricornis (Burmeister)****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980), Sarawak (Wan 1970)**Valanga papuasica (Finot)****Status:** leaf feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Vilerna aenooculata (De Geer)****Status:** leaf feeder**Distribution:** Surinam (Van Dinther 1960)**Xenocatantops humilis (Serville)***Synonyms: Catantops humilis (Serville)***Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**ORTHOPTERA GRYLLACRIDIDAE****Afrogryllacris africana (Brunner)****Status:** predator**Distribution:** Ghana (Majer 1975)**Predator of:** Not recorded -, Ghana (Gibbs & Leston 1970)**Gryllacris sp.****Status:** collar feeder**Distribution:** Costa Rica (Weber 1957)**ORTHOPTERA GRYLLIDAE****Acheta sp.****Status:** collar feeder**Distribution:** Papua New Guinea (Bourke et al 1971)**Anaxipha sp.****Status:** collar feeder**Distribution:** Costa Rica (Weber 1957), Ghana (Majer 1975)**Brachytrupes membranaceus (Drury)****Status:** collar feeder**Distribution:** Ivory Coast (Alibert 1951)**Cardiodactylus novaeguineae (De Haan)****Status:** fruit feeder**Distribution:** Papua New Guinea (Szent-Ivany 1961)**Euscyrtes bivittatus Guerin-Meneville****Status:** collar feeder**Distribution:** Ghana (Gibbs & Leston 1970)**Gryllus bimaculatus De Geer****Status:** collar feeder**Distribution:** Uganda (Gowdey 1913)**Gymnogryllus sp.****Status:** collar feeder**Distribution:** Ghana (Majer 1975)**Homoeogryllus reticulatus (Fabricius)****Status:** collar feeder**Distribution:** Ghana (Majer 1975)**Homoeogryllus tessellatus Serville****Status:** predator**Distribution:** Zaire (Alibert 1951)**Predator of:** Sahlbergella singularis Haglund, Zaire (Alibert 1951)

**Natula longipennis (Serville)**

*Synonyms: Anaxipha longipennis (Serville)*

**Status:** predator

**Distribution:** Ghana (Gibbs & Leston 1970)

**Predator of:** Not recorded -, Ghana (Gibbs & Leston 1970)

**Nisitrus vittatus (De Haan)**

**Status:** collar feeder

**Distribution:** Malaysia Sabah (Entwistle 1972)

**Oecanthus sp.**

**Status:** collar feeder

**Distribution:** Brazil (Silva 1945a)

**Primary parasites:** Baryconus sp. , Brazil (Silva 1945a)

**Paroecanthus podagrosus Saussure**

**Status:** collar feeder

**Distribution:** Costa Rica (Weber 1957)

**Teleogryllus gracilipes (Saussure)**

*Synonyms: Gryllus gracilipes Saussure*

**Status:** collar feeder

**Distribution:** Uganda (Small 1915)

**Teleogryllus posticus (Walker)**

**Status:** collar feeder

**Distribution:** Ghana (Majer 1975)

**Velurifictorus lepesmei (Chopard)**

*Synonyms: Modicogryllus lepesmei Chopard*

**Status:** collar feeder

**Distribution:** Ghana (Majer 1975)

**ORTHOPTERA GRYLLOTALPIDAE****Gryllotalpa africana Palisot de Beauvois**

**Status:** collar feeder

**Distribution:** Ghana (Majer 1975), Ivory Coast (Alibert 1951), Uganda (Gowdey 1913)

**Neocurtilla sp. near hexadactyla (Perty)**

*Synonyms: Gryllotalpa sp. near borealis (Burmeister)*

**Status:** collar feeder

**Distribution:** Papua New Guinea (Szent-Ivany 1961)

**Scapteriscus didactylus (Latreille)**

**Status:** collar feeder

**Distribution:** Surinam (Van Hall 1914)

**ORTHOPTERA PYRGOMORPHIDAE****Atractomorpha crenaticeps (Blanchard)**

**Status:** leaf feeder

**Distribution:** Papua New Guinea (Kevan 1971)

**Atractomorpha psittacina (De Haan)**

**Status:** leaf feeder

**Distribution:** Malaysia W. Malaysia (FAO 1961)

**Aularches miliaris (Linnaeus)****Status:** leaf feeder**Distribution:** Sri Lanka (Green 1906)**Zonocerus elegans (Thunberg)****Status:** leaf feeder**Distribution:** Zaire (Schouteden 1914)**Zonocerus variegatus (Linnaeus)****Status:** leaf feeder**Distribution:** Cameroon (Aulmann & La Baume 1912), Ghana (Jago 1968), Ivory Coast (Chevalier 1931), Kenya (Le Pelley 1959), Nigeria (Lamborn 1914), Sierra Leone (Entwistle 1972), Tanzania (Le Pelley 1959), Uganda (Le Pelley 1959), Zaire (Schouteden 1914)**ORTHOPTERA TETRIGIDAE****Dinotettix major Bolivar****Status:** no record**Distribution:** Ghana (Majer 1975)**Phaesticus insularis (Shelford)***Synonyms: Phaestus insularis Hanc.***Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**ORTHOPTERA TETTIGONIIDAE****Afromecopoda frontalis (Walker)****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Amytta sp.****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Anepitacta inconspicua Brunner****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Arantia rectifolia Brunner****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Arantia sp.****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Buettneria maculiceps Karsch****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Catoptropteryx apicalis (Bolivar)****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Catoptropteryx naevia Huxley****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)

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**Chloracris prasina Pictot & Saussure****Status:** leaf feeder**Distribution:** Indonesia Java (Kalshoven 1950-51)**Conocephalus carbonarius (Redtenbacher)****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Conocephalus cinereus Thunberg****Status:** leaf feeder**Distribution:** Surinam (Van Dinther 1960)**Corycoides abruptus (Krauss)****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Cymatomera sp.****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Dapanera genuteres Karsch****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Ducetia fuscopunctata Chopard****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Elimaea chloris De Haan****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Euconocephalus indicus (Redtenbacher)****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Eurycorypha ornatipes Karsch****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Eurycorypha sp.****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Gonamytta occidentalis (Karsch)****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Hexacentrus inflatus (Redtenbacher)****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Hexacentrus unicolor Walker****Status:** predator**Distribution:** Papua New Guinea (Entwistle 1972)**Predator of:** *Tiracola plagiata* (Walker), Papua New Guinea (Entwistle 1972)**Holochlora sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Idiarthron sp.****Status:** leaf feeder**Distribution:** Costa Rica (Weber 1957)



**Lagarodes facetus Karsch****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Lanista crassicollis Bolivar****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Mecopoda elongata Linnaeus****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Meroncidius intermedius Brunner von Wattenwyl****Status:** shoot feeder**Distribution:** Brazil (Bondar 1924a)**Mormotus rastricercus Karsch****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Mormotus sp.****Status:** leaf feeder**Distribution:** Ivory Coast (Alibert 1951)**Mustius afzelii Stal****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Odontoconus sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Phaneroptera nana sparsa Stal****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Phaneroptera sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Phaneroptera subnotata Stal****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Phisis sp.****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Phlugis sp.****Status:** leaf feeder**Distribution:** Costa Rica (Weber 1957)**Phygela haanii Stal****Status:** leaf feeder**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Plangiopsis sp.****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)**Polyglochis sp.****Status:** leaf feeder**Distribution:** Ghana (Majer 1975)

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**Proamytta straminea (Sjostedt)**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Ruspolia consobrina Walker**

*Synonyms: Homorocoryphus nitidulus vicinus (Walker)*

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Steirodon striolatum Brunner von Wattenwyl**

*Synonyms: Peucestes crassifolius (De Haan)*

**Status:** leaf feeder

**Distribution:** Surinam (Van Dinther 1960)

**Vossia obesa Brunner**

**Status:** leaf feeder

**Distribution:** Ghana (Majer 1975)

**Xiphidiola aliquantula (Karsch)**

*Synonyms: Amyttina aliquantula (Karsch)*

**Status:** predator

**Distribution:** Ghana (Gibbs & Leston 1970)

**Predator of:** Not recorded -, Ghana (Gibbs & Leston 1970)

**Xiphidiola quadrimaculata (Karny)**

*Synonyms: Amyttina quadrimaculata (Karny)*

**Status:** predator

**Distribution:** Ghana (Gibbs & Leston 1970)

**Predator of:** Not recorded -, Ghana (Gibbs & Leston 1970)

**Zabalius apicalis apicalis (Bolivar)**

*Synonyms: Zabalius ?latipennis Karsch*

**Status:** leaf feeder

**Distribution:** Cameroon (Aulmann & La Baume 1912)

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**PHASMIDA PHASMATIDAE****Anchiale maculata (Olivier)****Status:** leaf feeder**Distribution:** Papua New Guinea (Anon 1971)**Pseudophasma menius (Westwood)****Status:** leaf feeder**Distribution:** Costa Rica (Weber 1957)**PSOCOPTERA AMPHIPSOCIDAE****Amphipsocus sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Archipsocus ?fernandi Psarman****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**PSOCOPTERA ARCHIPSOCIDAE****Troctes ?bostrychophilus Badonnel****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**Troctes ?divinatorius Muller****Status:** seed feeder/storage**Distribution:** Puerto Rico (Wolcott 1936)**PSOCOPTERA CAECILIIDAE****Caecilius sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)**PSOCOPTERA LYPOSCELIDAE****Myopsocus sp.****Status:** no record**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

## THYSANOPTERA AEOLOTHIRIPIDAE

### Franklinothrips sp.

**Status:** predator

**Distribution:** Surinam (Reyne 1920)

**Predator of:** Selenothrips rubrocinctus (Giard), Surinam (Reyne 1920)

### Franklinothrips tenuicornis Hood

**Status:** predator

**Distribution:** Surinam (Reyne 1922), Trinidad & Tobago (Williams 1918)

**Predator of:** Heliothrips haemorrhoidalis (Bouche), Trinidad & Tobago (Callan 1943)

Selenothrips rubrocinctus (Giard), Surinam (Reyne 1922), Trinidad & Tobago (Williams 1918)

### Franklinothrips vespiformis (Crawford)

**Status:** predator

**Distribution:** Dominican Republic (Russo 1936), Mexico (Johansen 1976), Surinam (Reyne 1922), Trinidad & Tobago (Williams 1918)

**Predator of:** Heliothrips haemorrhoidalis (Bouche), Mexico (Johansen 1976), Trinidad & Tobago (Callan 1943)  
Selenothrips rubrocinctus (Giard), Dominican Republic (Russo 1936), Surinam (Reyne 1922), Trinidad & Tobago (Williams 1918)

## THYSANOPTERA PHLAEOTHIRIPIDAE

### Actinothrips bondari Hood

**Status:** leaf feeder

**Distribution:** Brazil (Da Costa Lima 1936)

### Elaphrothrips femoralis (Bagnall)

*Synonyms:* *Klinothrips femoralis* Bagnall

**Status:** no record

**Distribution:** Ghana (Bagnall 1918)

### Lamillothrips typicus Bagnall

*Synonyms:* *Lamillothrips pennicollis* Bagnall

**Status:** no record

**Distribution:** Ghana (Bagnall 1923)

## THYSANOPTERA THIRIPIDAE

### Frankliniella brevicaulis Hood

**Status:** flower feeder

**Distribution:** Brazil (Bovi Coral & Parra 1977)

### Frankliniella parvula Hood

**Status:** flower feeder

**Distribution:** Costa Rica (Knoke & Saunders 1966), Mexico (Johansen 1974), Trinidad & Tobago (Billes 1941)

### Helionothrips aulmanni (Karny)

**Status:** no record

**Distribution:** Papua New Guinea (Szent-Ivany & Dun 1964)

### Heliothrips haemorrhoidalis (Bouche)

**Status:** leaf feeder

**Distribution:** Brazil (Bondar 1939a), Colombia (De Franco 1958), Dominican Republic (Russo 1936), Indonesia (Kalshoven 1950-51), Indonesia West Irian (Entwistle 1972), Malaysia W. Malaysia (Yunus & Ho 1980), Mexico (Johansen 1976), Papua New Guinea (Szent-Ivany 1963), Surinam (Reyne 1919), Trinidad & Tobago (Williams 1918)

**Primary parasites:** *Goetheana shakesparei* Girault, Trinidad (Callan 1943)

**Predators:** Franklinothrips tenuicornis Hood, Trinidad & Tobago (Callan 1943)  
Franklinothrips vespiformis (Crawford), Mexico (Johansen 1976), Trinidad & Tobago (Callan 1943)

### **Heliothrips sp.**

**Status:** no record

**Distribution:** Ecuador (Campos 1933b)

### **Leucothrips theobromae (Priesner)**

**Status:** no record

**Distribution:** Mexico (Johansen 1974), Surinam (Van Dinther 1960)

### **Neohydatothrips inversus Hood**

*Synonyms:* *Sericothrips inversus Hood*

**Status:** leaf feeder

**Distribution:** Mexico (Johansen 1974)

### **Selenothrips rubrocinctus (Giard)**

*Synonyms:* *Heliothrips rubrocinctus Giard*, *Selenothrips decolor Karny*

**Status:** leaf feeder

**Distribution:** Brazil (Bondar 1922), Cameroon (Woin Nguyen-Ban & Mpe 1995), Caroline Is (Entwistle 1972), Colombia (Entwistle 1972), Dominican Republic (Russo 1930), Equatorial Guinea Bioko (Cotterell 1930a), Ghana (Cotterell 1928), Grenada (Ballou 1915), Guyana (Entwistle 1972), Ivory Coast (Paulin Decazy & Coulibaly 1983), Jamaica (Ritchie 1916), Malaysia W. Malaysia (Yunus & Ho 1980), Mexico (Sanchez-Soto & Lagunas 1995), Nigeria (Entwistle 1972), Papua New Guinea (Szent-Ivany & Dun 1964), Peru (Wille 1952), Puerto Rico (Entwistle 1972), Sao Tome & Principe (De Seabra 1919c), Solomon Is (Lever 1968), St Lucia (Watts 1916), St Vincent (Anon 1922), Sudan (Schmutterer 1969), Surinam (Reyne 1920), Trinidad & Tobago (Williams 1918), Zaire (Cotterell 1930a)

**Primary parasites:** *Goetheana shakespearei* Girault, Ghana (Cotterell 1927b), Grenada (Pickles 1938), Puerto Rico (Bartlett 1938), Trinidad & Tobago (Adamson 1936)

*Megaphragma* sp. , Sao Tome & Principe (Mateus et al 2002)

**Predators:** *Azteca chartifex* Forel, Brazil (Torrend 1927)

*Azteca chartifex spiriti* Forel, Brazil (Delabie et al 2007)

*Chrysopa* sp. , Trinidad & Tobago (Callan 1943)

*Ectatomma tuberculatum* (Olivier), Brazil (Delabie et al 2007)

*Exochomus flavipes* Thunberg, Sao Tome & Principe (De Seabra 1919a)

*Franklinothrips* sp. , Surinam (Reyne 1920)

*Franklinothrips tenuicornis* Hood, Surinam (Reyne 1922), Trinidad & Tobago (Williams 1918)

*Franklinothrips vespiformis* (Crawford), Dominican Republic (Russo 1936), Surinam (Reyne 1922), Trinidad & Tobago (Williams 1918)

*Leucochrysa varia* Schneider, Trinidad & Tobago (Callan 1943)

*Ninyas torvus* Distant, Trinidad & Tobago (Callan 1943)

*Teratophylidea maculata* Usinger, Trinidad & Tobago (Callan 1943)

*Teratophylidea opaca* Carvalho, Surinam (Van Doesburg 1964)

*Teratophylidea pilosa* Reuter & Poppius, Jamaica (Myers 1935)

*Wasmannia auropunctata* (Roger), Trinidad & Tobago (Williams 1918)

### **Thrips ?minor Bagnall**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

### **Thrips hawaiiensis (Morgan)**

**Status:** no record

**Distribution:** Malaysia W. Malaysia (Yunus & Ho 1980)

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## SPECIES BY COUNTRY

**American Samoa**

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*Dysmicoccus neobrevipes* Beardsley, Pseudococcidae

**Bangladesh**

*Helopeltis theivora* Waterhouse, Miridae

**Barbados**

*Crematogaster* sp. , Formicidae Myrmecinae

**Belize**

*Clinodiplosis* sp. , Cecidomyiidae  
*Dysmicoccus grassii* (Leonardi), Pseudococcidae  
*Forcipomyia fuliginosa* (Meigen), Ceratopogonidae  
*Lirimiris meridionalis* (Schaus), Notodontidae  
*Mycodiplosis* sp. , Cecidomyiidae

**Bolivia**

*Ferrisia virgata* (Cockerell), Pseudococcidae

**Brazil**

*Abgrallaspis cyanophylli* (Signoret), Diaspididae  
*Acalymma* sp. , Chrysomelidae Galerucinae  
*Acanthocerus sequistriatus* Germar, Acanthoceridae  
*Acanthognathus ocellatus* Mayr, Formicidae Myrmecinae  
*Aceria reyesi* (Nuzzaci), Eriophyidae  
*Acinocoris lunaris* (Gmelin), Largidae  
*Acrisius* sp. , Issidae  
*Acromyrmex* sp. , Formicidae Myrmecinae  
*Acromyrmex subterraneus brunneus* Forel, Formicidae Myrmecinae  
*Acromyrmex subterraneus* Forel, Formicidae Myrmecinae  
*Acropyga* (*Rhizomyrma*) *urichi* Weber, Formicidae Formicinae  
*Acrosternum impicticornis* Stal, Pentatomidae  
*Actinothrips bondari* Hood, Phlaeothripidae  
*Aeolus* sp. , Elateridae  
*Aetalion reticulatum* (Linnaeus), Aetalionidae  
*Ahasverus advena* (Waltl), Silvanidae  
*Alcestis ingens* Fennah, Tropicuchidae  
*Alcidion bispinum* Bates, Cerambycidae Lamiinae  
*Alcidion simillimum* (Melzer), Cerambycidae Lamiinae  
*Aleurodicus cocois* (Curtis), Aleyrodidae  
*Aleurodicus fucatus* Bondar, Aleyrodidae  
*Aleurodicus neglectus* (Quaintance & Baker), Aleyrodidae  
*Aleurodicus pulvinatus* (Maskell), Aleyrodidae  
*Aleurotrachelus granosus* Bondar, Aleyrodidae  
*Aleurotrachelus theobromae* Bondar, Aleyrodidae  
*Alocorhinus albolineatus* Heyne & Taschenberg, Curculionidae  
*Alphitobius laevigatus* (Fabricius), Tenebrionidae  
*Amastris elevata* Funkhouser, Membracidae  
*Amydetes* sp. , Lampyridae  
*Amyelois transitella* (Walker), Pyralidae  
*Anaedus* sp. , Tenebrionidae  
*Anochetus mayri* Emery, Formicidae Ponerinae  
*Anoplischiis* sp. , Elateridae  
*Anormenis albula* (Walker), Flatidae  
*Antiteuchus amplus* (Walker), Pentatomidae  
*Antiteuchus marmoratus* (Erichson), Pentatomidae  
*Antiteuchus melanoleucus* (Westwood), Pentatomidae  
*Antiteuchus mimeticus* Ruckes, Pentatomidae  
*Antiteuchus mixtus* (Fabricius), Pentatomidae

*Antiteuchus punctissimus* Ruckes, Pentatomidae  
*Antiteuchus sepularis* (Fabricius), Pentatomidae  
*Antiteuchus* sp. , Pentatomidae  
*Antiteuchus tripterus* (Fabricius), Pentatomidae  
*Antytipona epiphania* Bechyne, Chrysomelidae Eumolpinae  
*Antytipona* sp. , Chrysomelidae Eumolpinae  
*Apanteles* sp. , Braconidae  
*Aracanthus* sp. , Curculionidae  
*Arachnophaga hirtibasis* Gahan, Eupelmidae  
*Araecerus coffeae* Fabricius, Anthribidae  
*Arniticus bondari* Marshall, Curculionidae  
*Arsenura armida* (Cramer), Saturniidae  
*Aspidiotus destructor* Signoret, Diaspididae  
*Aspidiotus* sp. , Diaspididae  
*Atrichopogon* sp. , Ceratopogonidae  
*Atta cephalotes* (Linnaeus), Formicidae Myrmecinae  
*Atta sexdens* (Linnaeus), Formicidae Myrmecinae  
*Attagenus unicolor* (Brahm), Dermestidae  
*Azteca chartifex* Forel, Formicidae Dolichoderinae  
*Azteca chartifex spiriti* Forel, Formicidae Dolichoderinae  
*Azteca instabilis* (F.Smith), Formicidae Dolichoderinae  
*Azteca longiceps* Emery, Formicidae Dolichoderinae  
*Azteca paraensis bondari* Borgmeier, Formicidae Dolichoderinae  
*Azteca paraensis* Forel, Formicidae Dolichoderinae  
*Azteca paraensis nociva* Borgmeier, Formicidae Dolichoderinae  
*Azteca* sp. , Formicidae Dolichoderinae  
*Baryconus* sp. , Scelionidae  
*Bastactes* sp. , Curculionidae  
*Belemnia ochriplaga* Hampson, Arctiidae  
*Beroaldus* sp. , Pentatomidae  
*Bocchoropsis phraxalis* Druce, Pyralidae  
*Bolbonota nesus* Germar, Membracidae  
*Bolbonota pictipennis* Fairmaire, Membracidae  
*Brachymyrmex heeri* Forel, Formicidae Formicinae  
*Brachymyrmex pictus* Mayr, Formicidae Formicinae  
*Brassolis sophorae* Linnaeus, Nymphalidae  
*Byzes nodifer* (Boheman), Curculionidae  
*Cacoscelis* sp. , Chrysomelidae Halticinae  
*Cadra cautella* (Walker), Pyralidae  
*Callia criocerina* Bates, Cerambycidae Lamiinae  
*Callia* sp. , Cerambycidae Lamiinae  
*Camponotus atriceps* (F.Smith), Formicidae Formicinae  
*Camponotus bidens* Mayr, Formicidae Formicinae  
*Camponotus blandus* (F.Smith), Formicidae Formicinae  
*Camponotus canescens* Mayr, Formicidae Formicinae  
*Camponotus chartifex* (F.Smith), Formicidae Formicinae  
*Camponotus cingulatus* Mayr, Formicidae Formicinae  
*Camponotus crassus* Mayr, Formicidae Formicinae  
*Camponotus novogranadensis* Mayr, Formicidae Formicinae  
*Camponotus renggeri* Emery, Formicidae Formicinae  
*Camponotus sexguttatus* (Fabricius), Formicidae Formicinae  
*Camponotus* sp. , Formicidae Formicinae  
*Camponotus trapezoideus* Mayr, Formicidae Formicinae  
*Camponotus vittatus* Forel, Formicidae Formicinae  
*Carales astur* (Cramer), Arctiidae  
*Cardiocondyla obscurior* Wheeler, Formicidae Myrmecinae  
*Carpophilus dimidiatus* (Fabricius), Nitidulidae

- Carpophilus obsoletus* Erichson, Nitidulidae  
*Cayetunya* sp. , Chrysomelidae Eumolpinae  
*Cephalotes angustus* (Mayr), Formicidae Myrmecinae  
*Cephalotes atratus* Linnaeus, Formicidae Myrmecinae  
*Cephalotes frigidus* (Kempf), Formicidae Myrmecinae  
*Cephalotes maculatus* (F.Smith), Formicidae Myrmecinae  
*Cephalotes minutus* (Fabricius), Formicidae Myrmecinae  
*Cephalotes pallens* (Klug), Formicidae Myrmecinae  
*Cephalotes simillimus* (Kempf), Formicidae Myrmecinae  
*Cerconota dimorpha* Duckworth, Oecophoridae  
*Ceroplastodes bahiensis* Bondar, Coccidae  
*Ceroplastodes melzeri* Bondar, Coccidae  
*Ceroplastodes theobromae* Bondar, Coccidae  
*Chalcodermus camposi* Bondar, Curculionidae  
*Chalcodermus marshalli* Bondar, Curculionidae  
*Chrysoprasia* sp. , Cerambycidae Cerambycinae  
*Clastoptera ochropila* Jacobi, Clastopteridae  
*Clastoptera* sp. , Clastopteridae  
*Cloeotus globosus* Say, Acanthoceridae  
*Coccus viridis* (Green), Coccidae  
*Colaspis aenea* Bowditch, Chrysomelidae Eumolpinae  
*Colaspis calcalifera* (Bechyne), Chrysomelidae Eumolpinae  
*Colaspis occidentalis* (Linnaeus), Chrysomelidae Eumolpinae  
*Colaspis ornata* Germar, Chrysomelidae Eumolpinae  
*Colaspis* sp. , Chrysomelidae Eumolpinae  
*Colaspis trivialis* Boheman, Chrysomelidae Eumolpinae  
*Colaspis varia* Lefevre, Chrysomelidae Eumolpinae  
*Colobothea bisignata* Bates, Cerambycidae Lamiinae  
*Compsus molitor* Rosen, Curculionidae  
*Compsus* sp. , Curculionidae  
*Conotrachelus costirostris* Boheman, Curculionidae  
*Conotrachelus curvecostatus* Marshall, Curculionidae  
*Conotrachelus humeropictus* Fielder, Curculionidae  
*Conotrachelus inconcinus* Boheman, Curculionidae  
*Conotrachelus mamillatus* Boheman, Curculionidae  
*Conotrachelus praeustus* Boheman, Curculionidae  
*Conotrachelus quadrinotatus* Fabricius, Curculionidae  
*Conotrachelus semicalvus* Marshall, Curculionidae  
*Conotrachelus* sp. , Curculionidae  
*Copicerus* sp. , Delphacidae  
*Coptoborus cuneatus* (Eichhoff), Scolytidae  
*Coptoborus vespatorius* (Schedl), Scolytidae  
*Corcyra cephalonica* (Stainton), Pyralidae  
*Corthylocurus tuberculifer* Eggers, Scolytidae  
*Corthylus theobromae* Nunberg, Scolytidae  
*Coytiera pertusa* (Lefevre), Chrysomelidae Eumolpinae  
*Crematogaster ?parabiotica* Forel, Formicidae Myrmecinae  
*Crematogaster acuta* (Fabricius), Formicidae Myrmecinae  
*Crematogaster curvispinosa* Mayr, Formicidae Myrmecinae  
*Crematogaster dorsidens* Santschi, Formicidae Myrmecinae  
*Crematogaster erecta* Mayr, Formicidae Myrmecinae  
*Crematogaster evallans* Forel, Formicidae Myrmecinae  
*Crematogaster limata* F.Smith, Formicidae Myrmecinae  
*Crematogaster magnifica* Santschi, Formicidae Myrmecinae  
*Crematogaster montezumia* F.Smith, Formicidae Myrmecinae  
*Crematogaster* sp. near *quadriformis* Roger, Formicidae Myrmecinae  
*Crematogaster victima* F.Smith, Formicidae Myrmecinae  
*Ctenoscelis acanthopus* Germar, Cerambycidae Prioninae  
*Culicoides glabellus* Wirth & Blanton, Ceratopogonidae  
*Culicoides paraensis* (Goeldi), Ceratopogonidae  
*Cycloneda sanguinea* (Linnaeus), Coccinellidae  
*Dactylopius* sp. , Dactylopiidae  
*Dasyhelea borgmeieri* Wirth & Waugh, Ceratopogonidae  
*Dasyhelea* sp. , Ceratopogonidae  
*Dasyhelea williamsi* Wirth & Waugh, Ceratopogonidae  
*Diabrotica atrosignata* Baly, Chrysomelidae Galerucinae  
*Diabrotica deliqua* Weise, Chrysomelidae Galerucinae  
*Diabrotica* sp. , Chrysomelidae Galerucinae  
*Diaethria clymene meridionalis* Bates, Nymphalidae  
*Diopa* sp. , Noctuidae  
*Dolichoderus attelaboides* (Fabricius), Formicidae Dolichoderinae  
*Dolichoderus bidens* (Linnaeus), Formicidae Dolichoderinae  
*Dolichoderus bispinosus* (Olivier), Formicidae Dolichoderinae  
*Dolichoderus decollatus* F.Smith, Formicidae Dolichoderinae  
*Dolichoderus diversus* Emery, Formicidae Dolichoderinae  
*Dolichoderus lutosus* (F.Smith), Formicidae Dolichoderinae  
*Dolichoderus schulzi* Emery, Formicidae Dolichoderinae  
*Drycothea spreta* (Bates), Cerambycidae Lamiinae  
*Dysdercus longirostris* Stal, Pyrrhocoridae  
*Eccoptopsis* sp. , Chrysomelidae Galerucinae  
*Ectatomma tuberculatum* (Olivier), Formicidae Ponerinae  
*Ecthoea quadricornis* (Olivier), Cerambycidae Lamiinae  
*Edessa* sp. , Pentatomidae  
*Enchenopa auridorsa* Sakakibara & Marques, Membracidae  
*Enchenopa fusca* Sakakibara & Marques, Membracidae  
*Eocader vegrandis* Drake & Hambleton, Tingidae  
*Ephestia elutella* (Hubner), Pyralidae  
*Ephyraea* sp. , Chrysomelidae Eumolpinae  
*Epormenis unimaculata* (Fennah), Flatidae  
*Estola* sp. , Cerambycidae Lamiinae  
*Euchroma gigantea* (Linnaeus), Buprestidae  
*Euclystis plusioides* (Walker), Noctuidae  
*Euthima rodens* Bates, Cerambycidae Lamiinae  
*Exora encaustica* Germar, Chrysomelidae Galerucinae  
*Exora obsoleta* Fabricius, Chrysomelidae Galerucinae  
*Forcipomyia argenteola* Macfie, Ceratopogonidae  
*Forcipomyia blantoni* Soria & Bystrak, Ceratopogonidae  
*Forcipomyia bromeliae* Saunders, Ceratopogonidae  
*Forcipomyia calathea* Wirth, Ceratopogonidae  
*Forcipomyia fuliginosa* (Meigen), Ceratopogonidae  
*Forcipomyia genualis* (Loew), Ceratopogonidae  
*Forcipomyia harpegonata* Wirth & Soria, Ceratopogonidae  
*Forcipomyia jipajapae* Wirth, Ceratopogonidae  
*Forcipomyia lesliei* Wirth, Ceratopogonidae  
*Forcipomyia luteigenua* Wirth & Spinelli, Ceratopogonidae  
*Forcipomyia pictoni* Macfie, Ceratopogonidae  
*Forcipomyia pinamerensis* Spinelli, Ceratopogonidae  
*Forcipomyia poulaineae* Ingram & Macfie, Ceratopogonidae  
*Forcipomyia quasi-ingrami* Macfie, Ceratopogonidae  
*Forcipomyia soriai* Wirth, Ceratopogonidae  
*Forcipomyia spatulifera* Saunders, Ceratopogonidae  
*Forcipomyia winderi* Wirth, Ceratopogonidae  
*Frankliniella brevicaulis* Hood, Thripidae  
*Geocoris* sp. , Lygaeidae  
*Gibbium psylloides* (Czempinski), Anobiidae  
*Gnamptogenys haeschei* (Emery), Formicidae Ectatomminae  
*Gnamptogenys moelleri* (Forel), Formicidae Ectatomminae

- Gnamptogenys sp. near horni (Santschi), Formicidae  
Ectatomminae
- Gnamptogenys striatula Mayr, Formicidae Ectatomminae
- Gynacantha bifida Rambur, Aeshnidae
- Halysidota sp. , Arctiidae
- Haplotinea insectella (Fabricius), Tineidae
- Heikertingerella adusta (Harold), Chrysomelidae Halticinae
- Heilipinus sp. , Curculionidae
- Heilipodus clavipes Fabricius, Curculionidae
- Heilipodus echinatus (Boheman), Curculionidae
- Heilipodus ocellatus (Olivier), Curculionidae
- Heilipodus sp. , Curculionidae
- Heilus sp. , Curculionidae
- Heliethrips haemorrhoidalis (Bouche), Thripidae
- Hemeroblemma mexicana (Guenee), Noctuidae
- Hemisphaerota sp. , Chrysomelidae Cassidinae
- Hermesilla sp. , Chrysomelidae Eumolpinae
- Hopefoldia catherineae Foldi, Pseudococcidae
- Hoplopactus perfidus (Marshall), Curculionidae
- Horcias punctatus Carvalho, Miridae
- Horiola picta Fabricius, Membracidae
- Hylax bahiensis Bechyne, Chrysomelidae Eumolpinae
- Hypantherus sp. , Chrysomelidae Halticinae
- Hyperaspis sp. , Coccinellidae
- Hyphantus uncinatus Desbrachers, Anthribidae
- Hypothenemus obscurus (Fabricius), Scolytidae
- Hypsonotus frontalis Marshall, Curculionidae
- Hypsonotus modestus Marshall, Curculionidae
- Hypsonotus parceguttatus Marshall, Curculionidae
- Hypsonotus rhombifer Marshall, Curculionidae
- Idalus herois Schaus, Arctiidae
- Kaloterme wagneri (Desneaux), Kalotermitidae
- Labidus praedator (F. Smith), Formicidae Ectoninae
- Lasioderma serricorne Fabricius, Anobiidae
- Lasiopus cilipes (Sconherr), Curculionidae
- Leiopus convexus Melzer, Cerambycidae Lamiinae
- Lema dorsalis (Olivier), Chrysomelidae Criocerinae
- Lema sp. , Chrysomelidae Criocerinae
- Leprocaspis adducta (Clavaereau), Chrysomelidae Eumolpinae
- Leprocaspis sulcata (Lefevre), Chrysomelidae Eumolpinae
- Leptogenys arcuata Roger, Formicidae Ponerinae
- Leptoglossus dilaticollis Guerin Meneville, Coreidae
- Leschenaultia leucophrys (Wiedemann), Tachinidae
- Lespesia affinis (Townsend), Tachinidae
- Leurus caeruliventris (Cresson), Ichneumonidae
- Linepithema humile (Mayr), Formicidae Dolichoderinae
- Linepithema sp. near humile (Mayr), Formicidae Dolichoderinae
- Lobopoda sp. , Alleculidae
- Lophocampa maroniensis (Schaus), Arctiidae
- Lophocampa sobrina (Motschulsky), Arctiidae
- Lordops aurosa (Germar), Curculionidae
- Lordops gyllenhalii (Dalman), Curculionidae
- Lordops sp. , Curculionidae
- Lysiphlebus testaceipes (Cresson), Braconidae
- Lystronychus sp. , Alleculidae
- Macropygium reticulare (Fabricius), Pentatomidae
- Maecolaspis occidentalis (Linnaeus), Chrysomelidae  
Eumolpinae
- Maecolaspis rugosa (Germar), Chrysomelidae Eumolpinae
- Maecolaspis sp. (Germar), Chrysomelidae Eumolpinae
- Marmara isortha (Meyrick), Gracillariidae
- Marshallius bonellii (Boheman), Curculionidae
- Megalomyrmex silvestrii Wheeler, Formicidae Myrmecinae
- Megascelis sp. , Chrysomelidae Megascelinae
- Membracis foliata (Linnaeus), Membracidae
- Membracis tectigera (Stal), Membracidae
- Meronicidius intermedius Brunner von Wattenwyl, Tettigoniidae
- Metachroma sp. , Chrysomelidae Eumolpinae
- Metaxyonycha auripennis (Germar), Chrysomelidae Eumolpinae
- Metcalfiella pertusa (Germar), Membracidae
- Microgaster sp. , Braconidae
- Micrualis nitida Sakakibara & Marques, Membracidae
- Milleriococcus costalimae (Bondar), Coccidae
- Monalonion annulipes Signoret, Miridae
- Monalonion bahiense Costa Lima, Miridae
- Monalonion bondari Costa Lima, Miridae
- Monalonion dissimulatum Distant, Miridae
- Monalonion schaefferi Stal, Miridae
- Monomacra sp. , Chrysomelidae Galerucinae
- Monomorium floricola (Jerdon), Formicidae Myrmecinae
- Moropactus leucospilus (Germar), Curculionidae
- Mycocephalus smithii (Forel), Formicidae Myrmecinae
- Myxomorpha brevis (Sulzer), Cerambycidae Lamiinae
- Nassunia armata Sakakibara & Marques, Membracidae
- Nassunia inermis Sakakibara & Marques, Membracidae
- Nasutitermes rippertii (Rambur), Termitidae
- Naupactus bondari Marshall, Curculionidae
- Naupactus proximus Voss, Curculionidae
- Naupactus sp. , Curculionidae
- Naupactus suavis Boheman, Curculionidae
- Neivamyrmex pilosus (F. Smith), Formicidae Ectoninae
- Neodine macraspis (Perty), Pentatomidae
- Neopamera neotropicalis (Kirkaldi), Lygaeidae
- Neotermes sp. , Kalotermitidae
- Neotibialis laeviventris (Bergroth), Pentatomidae
- Nesomyrmex asper (Emery), Formicidae Myrmecinae
- Nipaeococcus neogaeus Williams & Granara de Willink,  
Pseudococcidae
- Noda sp. , Chrysomelidae Eumolpinae
- Nodonota sp. , Chrysomelidae Eumolpinae
- Noriaia sp. , Chrysomelidae Eumolpinae
- Nycterodina immetallica Bechyne & Bechyne, Chrysomelidae  
Eumolpinae
- Nyssodrys lignaria Bates, Cerambycidae Lamiinae
- Octostruma iheringi (Emery), Formicidae Myrmecinae
- Ocyptamus ?flatus (Hull), Syrphidae
- Odontomachus haematodus (Linnaeus), Formicidae Ponerinae
- Oecanthus sp. , Gryllidae
- Omaspides nigrolineata (Boheman), Chrysomelidae Cassidinae
- Omophoita sp. , Chrysomelidae Halticinae
- Oreodera bituberculata Bates, Cerambycidae Lamiinae
- Oreodera ohausi Melzer, Cerambycidae Lamiinae
- Oryzaephilus mercator (Fauvel), Silvanidae
- Oxygona sp. , Chrysomelidae Halticinae
- Oxyptilus sp. , Pterophoridae
- Pachybrachius sp. , Lygaeidae
- Pachycondyla apicalis (Latreille), Formicidae Ponerinae
- Pachycondyla arhuaca (Forel), Formicidae Ponerinae
- Pachycondyla carinulata (Roger), Formicidae Ponerinae
- Pachycondyla crenata (Roger), Formicidae Ponerinae

- Pachycondyla harpax* (Fabricius), Formicidae Ponerinae  
*Pachycondyla* sp. , Formicidae Ponerinae  
*Pachycondyla unidentata* Mayr, Formicidae Ponerinae  
*Pachycondyla villosa* (Fabricius), Formicidae Ponerinae  
*Palexorista longiuscula* (Walker), Tachinidae  
*Pantomorus* sp. , Curculionidae  
*Paraleyrodes crateraformans* Bondar, Aleyrodidae  
*Paratrechina fulva* (Mayr), Formicidae Formicinae  
*Paratrechina longicornis* (Latreille), Formicidae Formicinae  
*Paratrechina* sp. , Formicidae Formicinae  
*Paria* sp. , Chrysomelidae Eumolpinae  
*Pelochyta arontes* (Cramer), Arctiidae  
*Percolaspis* sp. , Chrysomelidae Eumolpinae  
*Perilampus* sp. , Perilampidae  
*Pheidole fabricator* (F.Smith), Formicidae Myrmecinae  
*Pheidole megacephala* (Fabricius), Formicidae Myrmecinae  
*Pheidole midas* Wilson, Formicidae Myrmecinae  
*Pheidole* sp. , Formicidae Myrmecinae  
*Pheidole* sp. near *tristis* (F.Smith), Formicidae Myrmecinae  
*Pheidole subarmata* Mayr, Formicidae Myrmecinae  
*Pheidole tachigaliae* Wheeler, Formicidae Myrmecinae  
*Pheidole transversostriata* Mayr, Formicidae Myrmecinae  
*Phobetrion hipparchia* (Cramer), Limacodidae  
*Phrictus quinquepartitus* Distant, Fulgoridae  
*Phrictus* sp. , Fulgoridae  
*Planococcus citri* (Risso), Pseudococcidae  
*Planococcus minor* (Maskell), Pseudococcidae  
*Platycarenum umbraculatus* (Fabricius), Pentatomidae  
*Plaumannita* sp. , Chrysomelidae Eumolpinae  
*Plectris* sp. , Scarabaeidae Melolonthinae  
*Plectrophoroides incertus* Voss, Curculionidae  
*Podoxenus* sp. , Chrysomelidae Eumolpinae  
*Porphyraspis reis-magalhaesi* Bondar, Chrysomelidae Cassidinae  
*Prionodera bicolor* Olivier, Chrysomelidae Eumolpinae  
*Prionomastix ?fasciatipennis* (Girault), Encyrtidae  
*Prionopelta antillana* Forel, Formicidae Amblyoponinae  
*Proconia marmorata* (Fabricius), Cicadellidae  
*Procryptocerus marginatus* Borgmeier, Formicidae Myrmecinae  
*Prosipherus ciconia* (Gyllenhal), Curculionidae  
*Psapharochus cylindrica* (Bates), Cerambycidae Lamiinae  
*Pseudaonia trilobitiformis* (Green), Diaspididae  
*Pseudomyrmex flavidulus* (F.Smith), Formicidae  
    Pseudomyrmecinae  
*Pseudomyrmex gracilis* (Fabricius), Formicidae  
    Pseudomyrmecinae  
*Pseudomyrmex oculatus* (F.Smith), Formicidae  
    Pseudomyrmecinae  
*Pseudomyrmex* sp. , Formicidae Pseudomyrmecinae  
*Pseudomyrmex tenuis* (Fabricius), Formicidae  
    Pseudomyrmecinae  
*Pseudopiazurus obesus* Boheman, Curculionidae  
*Pterotarsus histrio* (Guerin-Meneville), Elateridae  
*Pyramica alberti* (Forel), Formicidae Myrmecinae  
*Pyramica eggersi* (Emery), Formicidae Myrmecinae  
*Pyramica schulzi* (Emery), Formicidae Myrmecinae  
*Raphirrhinus fasciatus* (Fabricius), Cicadellidae  
*Rhabdopterus* sp. , Chrysomelidae Eumolpinae  
*Rhineilipus* sp. , Curculionidae  
*Rogeria subarmata* (Kempf), Formicidae Myrmecinae  
*Rosalba approximata* (Melzer), Cerambycidae Lamiinae  
*Saissetia hurae* Newstead, Coccidae  
*Schistocerca flavofasciata* (De Geer), Acrididae  
*Selenothrips rubrocinctus* (Giard), Thripidae  
*Sericomyrmex bondari* Borgmeier, Formicidae Myrmecinae  
*Sitophilus* sp. , Curculionidae  
*Solenopsis brasiliensis* Santschi, Formicidae Myrmecinae  
*Solenopsis geminata* (Fabricius), Formicidae Myrmecinae  
*Solenopsis pollux* Forel, Formicidae Myrmecinae  
*Solenopsis* sp. , Formicidae Myrmecinae  
*Solenopsis virulens* (F.Smith), Formicidae Myrmecinae  
*Spaethiella tristis* (Boheman), Chrysomelidae Cassidinae  
*Spermologus rufus* Boheman, Curculionidae  
*Sphallenum setosum* (Germar), Cerambycidae Cerambycinae  
*Spodoptera androgea* (Stal), Noctuidae  
*Stegotes* sp. , Curculionidae  
*Stenoma baliandra* (Meyrick), Oecophoridae  
*Stenoma decora* Zeller, Oecophoridae  
*Stenoma strigivenata* (Butler), Oecophoridae  
*Strumigenys louisianae* Roger, Formicidae Myrmecinae  
*Syllepte prorogata* (Hampson), Pyralidae  
*Synbrotica* sp. , Chrysomelidae Galerucinae  
*Taedia* sp. , Miridae  
*Taimbezinia theobromae* (Bryant), Chrysomelidae Eumolpinae  
*Tapinoma melanocephalum* (Fabricius), Formicidae  
    Dolichoderinae  
*Tapinoma* sp. , Formicidae Dolichoderinae  
*Tenebroides mauritanicus* Linnaeus, Tenebrionidae  
*Terastia meticulosalis* Guenee, Pyralidae  
*Tetraleurodes cacaorum* (Bondar), Aleyrodidae  
*Tetranychus mexicanus* (McGregor), Tetranychidae  
*Thaumatomyrmex contumax* Kempf, Formicidae Ponerinae  
*Thecla* sp. , Lycaenidae  
*Thegillus theobromae* Marshall, Curculionidae  
*Theoborus coccotrypoides* (Eggers), Scolytidae  
*Tolania acuticornis* Sakakibara & Marques, Membracidae  
*Toxoptera aurantii* (Boyer de Fonscolombe), Aphididae  
*Trachyderes succinctus* (Linnaeus), Cerambycidae  
    Cerambycinae  
*Tragopa aenea* (Perty), Membracidae  
*Tragopa fulvovaria* Fairmaire, Membracidae  
*Tragopa humeralis* Fairmaire, Membracidae  
*Tragopa nigra* Sakakibara & Marques, Membracidae  
*Tragopa nitida* Germar, Membracidae  
*Tribolium castaneum* Herbst, Tenebrionidae  
*Trichobrotica* sp. , Chrysomelidae Galerucinae  
*Tropidolomia auriculata* (Olivier), Membracidae  
*Tropidozineus vicinus* (Melzer), Cerambycidae Lamiinae  
*Tylodes vellericollis* Marshall, Curculionidae  
*Tynacantha* sp. , Pentatomidae  
*Typhlomyrmex* sp. , Formicidae Ectatomminae  
*Typophorus signatus* Lefevre, Chrysomelidae Eumolpinae  
*Wasmannia auropunctata* (Roger), Formicidae Myrmecinae  
*Wasmannia rochai* Forel, Formicidae Myrmecinae  
*Winthemia pinguoides* (Townsend), Tachinidae  
*Xestocephalus ancorifer* Linnavuori, Cicadellidae  
*Xyleborus affinis* Eichhoff, Scolytidae  
*Xyleborus ferrugineus* (Fabricius), Scolytidae  
*Xyleborus posticus* Eichhoff, Scolytidae  
*Xyleborus* sp. , Scolytidae  
*Xylosandrus morigerus* (Blandford), Scolytidae



Zonarius militaris Germar, Erotylidae

## Brunei

Planococcus lilacinus (Cockerell), Pseudococcidae  
 Planococcus minor (Maskell), Pseudococcidae  
 Cameroon  
 Achaea catocaloides Guenee, Noctuidae  
 Acridocephala bistriata Chevrolat, Cerambycidae Lamiinae  
 Afrocidens sp. , Cicadellidae  
 Alpenus schraderi rattrayi (Rothschild), Arctiidae  
 Anomis leona Schaus, Noctuidae  
 Apate monachus Fabricius, Bostrichidae  
 Aphis spiraeicola Patch, Aphididae  
 Atelocera serrata (Fabricius), Pentatomidae  
 Bathycoelia thalassina (Herrich-Schaffer), Pentatomidae  
 Bostrychoplites productus (Imhoff), Bostrichidae  
 Camenta westermanni Harold, Scarabaeidae Melolonthinae  
 Ceroplastes theobromae Newstead, Coccidae  
 Ceroplessis adusta (Harold), Cerambycidae Lamiinae  
 Characoma stictigrapta Hampson, Nolidae  
 Coptops aedificator (Fabricius), Cerambycidae Lamiinae  
 Crematogaster depressa (Latreille), Formicidae Myrmecinae  
 Deinypena fulvida (Holland), Noctuidae  
 Dilyta camerounensis Tamesse & Tiyo, Figitidae  
 Distantiella theobroma (Distant), Miridae  
 Doliopygus kakaoensis Schedl, Platypodidae  
 Drosophila pruinosa Duda, Drosophilidae  
 Earias biplaga Walker, Nolidae  
 Empecamenta hintzi (Aulmann), Scarabaeidae Melolonthinae  
 Enaria melanictera (Klug), Scarabaeidae Melolonthinae  
 Euchromia lethe Fabricius, Arctiidae  
 Eulophonotus myrmeleon (Felder), Cossidae  
 Euproctis dewitzi (Grunberg), Lymantriidae  
 Formicococcus njalensis (Laing), Pseudococcidae  
 Glenea adelpha Thomson, Cerambycidae Lamiinae  
 Helopeltis bergrothi Reuter, Miridae  
 Helopeltis corbisieri Schmitz, Miridae  
 Helopeltis gerini Carayon, Miridae  
 Hemilecanium theobromae Newstead, Coccidae  
 Imbrasia dione (Fabricius), Saturniidae  
 Isanates gemmeus Hustache, Curculionidae  
 Isaniris thomsoni Faust, Curculionidae  
 Leipoxais peraffinis Holland, Lasiocampidae  
 Leucophenga sp. , Drosophilidae  
 Lophocrama phoenicochlora Hampson, Nolidae  
 Mesochorus melanothorax Wilkinson, Ichneumonidae  
 Mesohomotoma tessmanni (Aulmann), Psyllidae  
 Mitranotus costei Boulard, Membracidae  
 Monochamus ruspator (Fabricius), Cerambycidae Lamiinae  
 Oecophylla longinoda (Latreille), Formicidae Formicinae  
 Olene mendosa (Hubner), Lymantriidae  
 Parancyra bivulnerata (Fennah), Eurybrachidae  
 Parastictococcus gowdeyi (Newstead), Stictococcidae  
 Parastictococcus multispinosus (Newstead), Stictococcidae  
 Peristenus sahlbergellae (Wilkinson), Braconidae  
 Phosphorus virescens var. gabonator Thomson, Cerambycidae Lamiinae  
 Phrynetta obliquata (Harold), Cerambycidae Lamiinae  
 Poephila costatipennis (Jacoby), Chrysomelidae Halticinae  
 Pseudocribrolecanium andersoni (Newstead), Coccidae  
 Psyllaephagus tessmannii (Tamesse & Tiyo), Encyrtidae

Pulvinarisca jacksoni (Newstead), Coccidae  
 Sahlbergella singularis Haglund, Miridae  
 Saissetia sp. , Coccidae  
 Scaptodrosophila lambi Duda, Drosophilidae  
 Scaptodrosophila triangulifer (Lamb), Drosophilidae  
 Schizonycha serrata Aulmann, Scarabaeidae Melolonthinae  
 Selenothrips rubrocinctus (Giard), Thripidae  
 Spodoptera littoralis (Boisduval), Noctuidae  
 Steatococcus theobromae (Newstead), Margarodidae  
 Sternotomis chrysopras (Voet), Cerambycidae Lamiinae  
 Stictococcus sjostedti Cockerell, Stictococcidae  
 Systates amabilis Faust, Curculionidae  
 Tetramorium aculeatum (Mayr), Formicidae Myrmecinae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
 Tragocephala guerini White, Cerambycidae Lamiinae  
 Tragocephala nobilis (Fabricius), Cerambycidae Lamiinae  
 Wasmannia auropunctata (Roger), Formicidae Myrmecinae  
 Wolfella benjamini Boulard, Cicadellidae  
 Xyleborus subasperulus Eggers, Scolytidae  
 Xylosandrus compactus (Eichhoff), Scolytidae  
 Zabalius apicalis apicalis (Bolivar), Tettigoniidae  
 Zaprionus sepsoides Duda, Drosophilidae  
 Zaprionus sp. , Drosophilidae  
 Zaprionus tuberculatus Malloch, Drosophilidae  
 Zonocerus variegatus (Linnaeus), Pyrgomorphidae

## Central African Republic

Anchon decoratum Distant, Membracidae  
 Anchon erici Boulard, Membracidae  
 Anchon flavipes Signoret, Membracidae  
 Apateticus sp. , Pentatomidae  
 Aspongopus dubitalis Fairmaire, Pentatomidae  
 Atelocera serrata (Fabricius), Pentatomidae  
 Bathycoelia ovalis Stal, Pentatomidae  
 Caura bipartita (Signoret), Pentatomidae  
 Ceroplastes sp. , Coccidae  
 Clovia bigoti (Signoret), Aphrophoridae  
 Cryptacrus novemmaculatus (Signoret), Pentatomidae  
 Distantiella theobroma (Distant), Miridae  
 Etiennea gouligouli Hodgson, Coccidae  
 Eumonocentrus erectus Schmidt, Membracidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Formicococcus njalensis (Laing), Pseudococcidae  
 Gargara chinchonettae Boulard, Membracidae  
 Gargara lullae Boulard, Membracidae  
 Inglisia sp. , Coccidae  
 Isaniris viridimicans Thomson, Curculionidae  
 Lehina apicalis (Haglund), Cercopidae  
 Leptocentrus altifrons (Walker), Membracidae  
 Leptocentrus bos Signoret, Membracidae  
 Leptocentrus lobayensis Boulard, Membracidae  
 Leptocentrus macarangae Boulard, Membracidae  
 Leptocentrus paganus Capener, Membracidae  
 Leptocentrus rufotibialis Capener, Membracidae  
 Litterna intermedia Haglund, Cercopidae  
 Mesohomotoma tessmanni (Aulmann), Psyllidae  
 Mezira rugosa (Signoret), Aradidae  
 Musoda flavida Karsch, Cicadidae  
 Panka africana Distant, Cicadidae  
 Panka lunguncus Boulard, Cicadidae  
 Panka minimuncus Boulard, Cicadidae

Parancyra bivulnerata (Fennah), Eurybrachidae  
 Poecilocardia cosmopolita Signoret, Cicadellidae  
 Poophilus camerunensis Schmidt, Aphrophoridae  
 Poophilus costalis (Walker), Aphrophoridae  
 Ptyelus grossus (Fabricius), Aphrophoridae  
 Sahlbergella singularis Haglund, Miridae  
 Saissetia sp. , Coccidae  
 Stictococcus sp. , Stictococcidae  
 Syntaphocerus pusillus Lona, Curculionidae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
 Ugada stalina Butler, Cicadidae  
 Wolfella cama Kramer, Cicadellidae  
 Wolfella caternaultii Spinola, Cicadellidae  
 Wolfella krameri Boulard, Cicadellidae

### China

Acalolepta cervina (Hope), Cerambycidae Lamiinae  
 Aphis gossypii Glover, Aphididae  
 Araecerus coffeae Fabricius, Anthribidae  
 Aristobia testudo (Voet), Cerambycidae Lamiinae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Helopeltis fasciaticollis Poppius, Miridae  
 Hoplasoma unicolor (Illiger), Chrysomelidae Galerucinae  
 Laternaria candelaria (Linnaeus), Fulgoridae  
 Leptocentrus albolineatus Funkhouser, Membracidae  
 Nipaecoccus viridis (Newstead), Pseudococcidae  
 Olene mendosa (Hubner), Lymantriidae  
 Pseudococcus longispinus (Targioni Tozzetti), Pseudococcidae  
 Ricania speculum (Walker), Ricaniidae  
 Saissetia coffeae (Walker), Coccidae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae

### Colombia

Agrotis epsilon (Hufnagel), Noctuidae  
 Agrotis subterranea (Fabricius), Noctuidae  
 Aleurothrixus floccosus (Maskell), Aleyrodidae  
 Allonychus reisi Paschoal, Tetranychidae  
 Amblyseius vasiformis Moraes & Mesa, Phytoseiidae  
 Anisopteromalus calandrae (Howard), Pteromalidae  
 Antiteuchus ?pallens (Stal), Pentatomidae  
 Antiteuchus piceus (Palisot de Beauvais), Pentatomidae  
 Antiteuchus tripterus (Fabricius), Pentatomidae  
 Antiteuchus tripterus limbiventris Ruckes, Pentatomidae  
 Araecerus coffeae Fabricius, Anthribidae  
 Araptus colombianus (Schedl), Scolytidae  
 Archeoprepone demophon muson (Fruhstorfer), Nymphalidae  
 Azteca sp. , Formicidae Dolichoderinae  
 Bicyrtes variegata (Olivier), Sphecidae  
 Bocchoropsis phraxalis Druce, Pyralidae  
 Bolbonota pictipennis Fairmaire, Membracidae  
 Brachymyrmex sp. , Formicidae Formicinae  
 Callicore sp. , Nymphalidae  
 Cataenococcus taylori Williams & Granara de Willink,  
 Pseudococcidae  
 Cataenococcus theobromicola Williams & Granara de Willink,  
 Pseudococcidae  
 Cephalonomia gallicola (Ashmead), Bethyidae  
 Cheyletus sp. , Cheyletidae  
 Chlorida festiva (Linnaeus), Cerambycidae Cerambycinae  
 Clastoptera xanthocephala var. unicolor Fowler, Clastopteridae  
 Coptoborus tolimanus (Eggers), Scolytidae  
 Coptoborus vespatorius (Schedl), Scolytidae

Creinatogaster sp. , Formicidae Myrmecinae  
 Culicoides insignis Lutz, Ceratopogonidae  
 Culicoides pusillus Lutz, Ceratopogonidae  
 Dasyhelea sp. near grisea (Coquillett), Ceratopogonidae  
 Dysmicoccus brevipes (Cockerell), Pseudococcidae  
 Dysmicoccus grassii (Leonardi), Pseudococcidae  
 Dysmicoccus sp. , Pseudococcidae  
 Dysmicoccus texensis (Tinsley), Pseudococcidae  
 Empoasca ?kraemeri Ross & Moore, Cicadellidae  
 Eotetranychus tremae De Leon, Tetranychidae  
 Euplatypus parallelus (Fabricius), Platypodidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Forcipomyia argenteola Macfie, Ceratopogonidae  
 Forcipomyia blantoni Soria & Bystrak, Ceratopogonidae  
 Forcipomyia cinctipes (Coquillett), Ceratopogonidae  
 Forcipomyia fuliginosa (Meigen), Ceratopogonidae  
 Forcipomyia genualis (Loew), Ceratopogonidae  
 Forcipomyia luteigena Wirth & Spinelli, Ceratopogonidae  
 Forcipomyia stylifera (Lutz), Ceratopogonidae  
 Harmonides dispar (Fabricius), Membracidae  
 Heilipus unifasciatus Champion, Curculionidae  
 Heliothrips haemorrhoidalis (Bouche), Thripidae  
 Horiola picta Fabricius, Membracidae  
 Horiola sp. , Membracidae  
 Ischioloncha ?lineata Bates, Cerambycidae Lamiinae  
 Kaloterms sp. , Kalotermitidae  
 Lagocheirus araneiformis (Linnaeus), Cerambycidae Lamiinae  
 Monalonion annulipes Signoret, Miridae  
 Monalonion atratum Distant, Miridae  
 Monalonion dissimulatum Distant, Miridae  
 Monieziella sp. , Sarcoptidae  
 Nipaecoccus guazumae (Balachowsky), Pseudococcidae  
 Nipaecoccus jonmartini Williams & Granara de Willink,  
 Pseudococcidae  
 Nipaecoccus kuduyaricus Williams & Granara de Willink,  
 Pseudococcidae  
 Nipaecoccus neogaeus Williams & Granara de Willink,  
 Pseudococcidae  
 Nipaecoccus nipae (Maskell), Pseudococcidae  
 Oligonychus gossypii (Zacher), Tetranychidae  
 Oncideres sp. , Cerambycidae Lamiinae  
 Paratrechina sp. , Formicidae Formicinae  
 Phanuropsis semiflaviventris Girault, Scelionidae  
 Pheidole sp. , Formicidae Myrmecinae  
 Planococcus citri (Risso), Pseudococcidae  
 Planococcus minor (Maskell), Pseudococcidae  
 Platanoxus sp. , Bethyidae  
 Platycarenum marginellus Stal, Pentatomidae  
 Platypus konincki Chapuis, Platypodidae  
 Plotococcus neotropicus Williams & Granara de Willink,  
 Pseudococcidae  
 Podisus sp. , Pentatomidae  
 Pseudococcus jackbeardsleyi Gimpel & Miller, Pseudococcidae  
 Pseudoparlatoria suelda Wolff, Diaspididae  
 Selenothrips rubrocinctus (Giard), Thripidae  
 Sibine geyeri Fletcher, Limacodidae  
 Solenopsis sp. , Formicidae Myrmecinae  
 Stenoma sp. , Oecophoridae  
 Stilobezzia sp. near pruinosa Wirth, Ceratopogonidae  
 Syllepte prorogata (Hampson), Pyralidae

Synanthedon sp near theobromae (Busck), Sesiidae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
 Trissolcus bodkini (Crawford), Scelionidae  
 Wasmannia auropunctata (Roger), Formicidae Myrmecinae  
 Xyleborus adelographus Eichhoff, Scolytidae  
 Xyleborus affinis Eichhoff, Scolytidae  
 Xyleborus posticus Eichhoff, Scolytidae  
 Xyleborus procer Eichhoff, Scolytidae  
 Xyleborus pseudotolimanus Schedl, Scolytidae

### Congo

Helopeltis corbisieri Schmitz, Miridae  
 Hypothenemus eruditus (Westwood), Scolytidae

### Cook Is

Planococcus citri (Risso), Pseudococcidae

### Costa Rica

Acanalonia affinis Fowler, Acanaloniidae  
 Acromyrmex octospinosus echinator Forel, Formicidae Myrmecinae  
 Acropyga (Rhizomyrma) wheeleri Mann, Formicidae Formicinae  
 Adelomyrmex myops (Wheeler), Formicidae Myrmecinae  
 Agalliota sp. , Cicadellidae  
 Amastris obtegens (Fabricius), Membracidae  
 Amphicranus argutus Wood, Scolytidae  
 Amphicranus elegans Eichhoff, Scolytidae  
 Amphicranus fulgidus Wood, Scolytidae  
 Amphicranus spectabilis Wood, Scolytidae  
 Anaxipha sp. , Gryllidae  
 Antipa sp. , Chrysomelidae Clytrinae  
 Antiteuchus tripterus (Fabricius), Pentatomidae  
 Aphaenogaster phalangium Emery, Formicidae Myrmecinae  
 Aphis gossypii Glover, Aphididae  
 Aphodiplosis triangularis (Felt), Ceratopogonidae  
 Apomyelois muriscis (Dyar), Pyralidae  
 Apterostigma mayri Forel, Formicidae Myrmecinae  
 Atta cephalotes (Linnaeus), Formicidae Myrmecinae  
 Atta colombica tonsipes Santschi, Formicidae Myrmecinae  
 Aulacorthum circumflexum (Buckton), Aphididae  
 Azteca sp. , Formicidae Dolichoderinae  
 Bolbonota insignis Fowler, Membracidae  
 Bothriocera sp. , Cixiidae  
 Bothriocera sp. near tinealis Burmeister, Cixiidae  
 Bothriocera sp. near westwoodi (Stal), Cixiidae  
 Brassolis isthmia Bates, Nymphalidae  
 Camponotus canescens Mayr, Formicidae Formicinae  
 Camponotus crassus Mayr, Formicidae Formicinae  
 Camponotus novogranadensis Mayr, Formicidae Formicinae  
 Camponotus planatus Roger, Formicidae Formicinae  
 Camponotus sp. , Formicidae Formicinae  
 Carthaeomorpha sp. , Flatidae  
 Catephiodes zuelana (Schaus), Noctuidae  
 Chinaia rubescens (Fowler), Cicadellidae  
 Chthoneis sp. , Chrysomelidae Galerucinae  
 Clastoptera globosa Fowler, Clastopteridae  
 Clastoptera theobromae Williams, Clastopteridae  
 Clinodiplosis sp. , Cecidomyiidae  
 Coccotrypes cyperi (Beeson), Scolytidae  
 Colaspis cacaui Blake, Chrysomelidae Eumolpinae  
 Colaspis sp. , Chrysomelidae Eumolpinae  
 Colobothea distincta Pascoe, Cerambycidae Lamiinae  
 Colpoptera marginalis Burmeister, Issidae

Colpoptera sp. , Issidae  
 Coptoborus pseudotenuis (Schedl), Scolytidae  
 Coptoborus vespatorius (Schedl), Scolytidae  
 Corthylus collaris Blandford, Scolytidae  
 Corthylus flagellifer Blandford, Scolytidae  
 Corthylus pygmaeus Wood, Scolytidae  
 Corthylus sobrinus Wood, Scolytidae  
 Crematogaster brevispinosa var minutior Forel, Formicidae Myrmecinae  
 Crematogaster limata F.Smith, Formicidae Myrmecinae  
 Crematogaster limata palans Forel, Formicidae Myrmecinae  
 Crepidodera sp. , Chrysomelidae Halticinae  
 Ctenochira cumulata (Boheman), Chrysomelidae Cassidinae  
 Cyphomyrmex rimosus (Spinola), Formicidae Myrmecinae  
 Dasyhelea sp. , Ceratopogonidae  
 Diedrocephala rubriguttata (Walker), Cicadellidae  
 Diedrocephala sp. near rubriguttata (Walker), Cicadellidae  
 Dysmicoccus brevipes (Cockerell), Pseudococcidae  
 Dysmicoccus sp. near brevipes (Cockerell), Pseudococcidae  
 Ecton burchelli foreli Mayr, Formicidae Ectoninae  
 Ecton vagans (Olivier), Formicidae Ectoninae  
 Ectatomma ruidum (Roger), Formicidae Ponerinae  
 Ectatomma tuberculatum (Olivier), Formicidae Ponerinae  
 Ectatomma tuberculatum punctigerum Weber, Formicidae Ponerinae  
 Ectomyelois muriscus (Dyar), Pyralidae  
 Epormenis roscida (Germar), Flatidae  
 Erythrogonia sp. near areolata (Signoret), Cicadellidae  
 Euglossa sp. , Apidae  
 Euplatypus hintzi (Schaufuss), Platypodidae  
 Excelsotarsonemus kaliszewskii Ochoa & Naskrecki, Tarsonemidae  
 Excelsotarsonemus kimhansena Ochoa & Connor, Tarsonemidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Forcipomyia blantoni Soria & Bystrak, Ceratopogonidae  
 Forcipomyia cinctipes (Coquillett), Ceratopogonidae  
 Forcipomyia fuliginosa (Meigen), Ceratopogonidae  
 Forcipomyia genualis (Loew), Ceratopogonidae  
 Forcipomyia quatei Wirth, Ceratopogonidae  
 Forcipomyia soriai Wirth, Ceratopogonidae  
 Forcipomyia tuberculata Saunders, Ceratopogonidae  
 Forcipomyia youngi Wirth, Ceratopogonidae  
 Frankliniella parvula Hood, Thripidae  
 Gaetulia sp. , Nogodinidae  
 Gryllacris sp. , Gryllacrididae  
 Gypona sp. , Cicadellidae  
 Habrophora sp. , Chrysomelidae Eumolpinae  
 Horiola picta Fabricius, Membracidae  
 Hypothenemus sp. , Scolytidae  
 Hypothenemus suspectus Wood, Scolytidae  
 Idiarthron sp. , Tettigoniidae  
 Iquistosa sp. , Derbidae  
 Lasiohelea sp. , Ceratopogonidae  
 Ledomyia sp. , Ceratopogonidae  
 Leptothorax pittieri Forel, Formicidae Myrmecinae  
 Longitarsus sp. , Chrysomelidae Halticinae  
 Megalotomus rufipes (Westwood), Coreidae  
 Megaplatypus latreillei (Chapuis), Platypodidae  
 Megascelis sp. , Chrysomelidae Megascelinae

Metachroma sp. , Chrysomelidae Eumolpinae  
 Monalonion annulipes Signoret, Miridae  
 Monalonion versicolor Distant, Miridae  
 Monarthrum corculum Wood, Scolytidae  
 Monarthrum fimbriaticorne (Blandford), Scolytidae  
 Monolepta sp. , Chrysomelidae Galerucinae  
 Monolepta sp. near bipartita Jacoby, Chrysomelidae Galerucinae  
 Mormidea ypsilon (Linnaeus), Pentatomidae  
 Mycocephalus tardus Weber, Formicidae Myrmecinae  
 Mycodiplosis ligulata Gagne, Ceratopogonidae  
 Mycodiplosis sp. , Cecidomyiidae  
 Myndus sp. , Cixiidae  
 Myrmelachista sp. , Formicidae Formicinae  
 Myrmicocrypta sp. , Formicidae Myrmecinae  
 Nasutitermes corniger (Motschulsky), Termitidae  
 Neorodia proxima (Fowler), Tropicuchidae  
 Nipaecoccus nipae (Maskell), Pseudococcidae  
 Nodonota sp. , Chrysomelidae Eumolpinae  
 Odontomachus chelifer (Latreille), Formicidae Ponerinae  
 Odontomachus erythrocephalus Emery, Formicidae Ponerinae  
 Oligonychus mcgregori (Baker & Pritchard), Tetranychidae  
 Ormeris sp. , Cicadellidae  
 Osbornellus sp. , Cicadellidae  
 Pachycondyla apicalis (Latreille), Formicidae Ponerinae  
 Pachycondyla harpax (Fabricius), Formicidae Ponerinae  
 Pachycondyla haskinsi (Weber), Formicidae Ponerinae  
 Pachycondyla villosa (Fabricius), Formicidae Ponerinae  
 Paraponera clavata (Fabricius), Formicidae Ponerinae  
 Paria sp. , Chrysomelidae Eumolpinae  
 Paroecanthus podagrosus Saussure, Gryllidae  
 Patara sp. , Derbidae  
 Pheidole ?flavens Roger, Formicidae Myrmecinae  
 Pheidole sp. , Formicidae Myrmecinae  
 Pheidole sp. near biconstricta Mayr, Formicidae Myrmecinae  
 Pheidole susannae Forel, Formicidae Myrmecinae  
 Phlugis sp. , Tettigoniidae  
 Planococcus citri (Risso), Pseudococcidae  
 Platycarenum humilis (Herrich-Schaffer), Pentatomidae  
 Polana sp. , Cicadellidae  
 Pseudomyrmex elongatus Mayr, Formicidae Pseudomyrmecinae  
 Pseudomyrmex gracilis (Fabricius), Formicidae  
     Pseudomyrmecinae  
 Pseudomyrmex sp. , Formicidae Pseudomyrmecinae  
 Pseudophasma menius (Westwood), Phasmatidae  
 Pseudorhizoecus proximus Green, Pseudococcidae  
 Pycnoderes incurvus (Distant), Miridae  
 Rhabdopterus sp. , Chrysomelidae Eumolpinae  
 Sampsonius dampfi Schedl, Scolytidae  
 Sericomymex amabilis Wheeler, Formicidae Myrmecinae  
 Sisyrosea ?diana Druce, Limacodidae  
 Solenopsis geminata (Fabricius), Formicidae Myrmecinae  
 Solenopsis picea Emery, Formicidae Myrmecinae  
 Spintherophyta sp. near servula (Lefevre), Chrysomelidae  
     Eumolpinae  
 Stragania sp. , Cicadellidae  
 Taeniophora sp. , Acrididae  
 Taurodemus ebenus Wood, Scolytidae  
 Taurodemus pandulus (Wood), Scolytidae  
 Taurodemus salvini (Blandford), Scolytidae  
 Taurodemus sanguinicollis (Blandford), Scolytidae

Taurodemus sharpi (Blandford), Scolytidae  
 Theoborus coartatus (Sampson), Scolytidae  
 Theoborus ricini (Eggers), Scolytidae  
 Theoborus theobromae (Hopkins), Scolytidae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
 Trachymyrmex cornetzi (Forel), Formicidae Myrmecinae  
 Tricolus saundersi Wood, Scolytidae  
 Wasmannia auropunctata (Roger), Formicidae Myrmecinae  
 Xyleborinus bicornatulus (Wood), Scolytidae  
 Xyleborinus gracilis (Eichhoff), Scolytidae  
 Xyleborinus intersetosus (Blandford), Scolytidae  
 Xyleborus asper Eggers, Scolytidae  
 Xyleborus caraibicus Eggers, Scolytidae  
 Xyleborus ferox Blandford, Scolytidae  
 Xyleborus ferrugineus (Fabricius), Scolytidae  
 Xyleborus horridatus Wood, Scolytidae  
 Xyleborus lacunatus Wood, Scolytidae  
 Xyleborus parallellocollis Eggers, Scolytidae  
 Xyleborus posticus Eichhoff, Scolytidae

### Cuba

Aceria reyesi (Nuzzaci), Eriophyidae  
 Aleurotrachelus trachoides (Back), Aleyrodidae  
 Bocchoropsis phraxalis Druce, Pyralidae  
 Dysmicoccus brevipes (Cockerell), Pseudococcidae  
 Dysmicoccus sp. , Pseudococcidae  
 Dysmicoccus texensis (Tinsley), Pseudococcidae  
 Hemeroblemma rengus (Poey), Noctuidae  
 Oligonychus mcgregori (Baker & Pritchard), Tetranychidae  
 Planococcus citri (Risso), Pseudococcidae  
 Plotococcus neotropicus Williams & Granara de Willink,  
     Pseudococcidae  
 Rhizoglyphus setosus Manson, Acaridae  
 Saccharicoccus sacchari (Cockerell), Pseudococcidae  
 Tetranychus mexicanus (McGregor), Tetranychidae

### Dahomey

Aprostocetus stictococci (Silvestri), Eulophidae  
 Formicococcus njalensis (Laing), Pseudococcidae  
 Parastictococcus multispinosus (Newstead), Stictococcidae  
 Sahlbergella singularis Haglund, Miridae  
 Stictococcus sjostedti Cockerell, Stictococcidae

### Dominica

Dasyhelea williamsi Wirth & Waugh, Ceratopogonidae  
 Ligyris ebenus (DeGeer), Scarabaeidae Dynastinae  
 Planococcus minor (Maskell), Pseudococcidae

### Dominican Republic

Asterolecanium epidendri (Bouche), Asterolecaniidae  
 Bocchoropsis phraxalis Druce, Pyralidae  
 Corcyra cephalonica (Stainton), Pyralidae  
 Dysdercus andreae (Linnaeus), Pyrrhocoridae  
 Eutermes morio Latreille, Termitidae  
 Franklinothrips vespiformis (Crawford), Aeolothripidae  
 Heliothrips haemorrhoidalis (Bouche), Thripidae  
 Hemeroblemma rengus (Poey), Noctuidae  
 Leptoglossus gonagra (Fabricius), Coreidae  
 Myzus persicae (Sulzer), Aphididae  
 Nipaecoccus nipae (Maskell), Pseudococcidae  
 Phyllophaga sp. , Scarabaeidae Melolonthinae  
 Planococcus citri (Risso), Pseudococcidae  
 Pseudaonidia trilobitiformis (Green), Diaspididae

Pseudococcus sp. , Pseudococcidae  
 Selenothrips rubrocinctus (Giard), Thripidae  
 Sitobion martorelli (Smith), Aphididae  
 Solenopsis geminata (Fabricius), Formicidae Myrmecinae  
 Strategus simsoni (Linnaeus), Scarabaeidae Dynastinae  
 Syllepte prorogata (Hampson), Pyralidae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae

## Ecuador

Acanophora sp. , Membracidae  
 Amblyseius vasiformis Moraes & Mesa, Phytoseiidae  
 Atta cephalotes (Linnaeus), Formicidae Myrmecinae  
 Atta sexdens (Linnaeus), Formicidae Myrmecinae  
 Cadra cautella (Walker), Pyralidae  
 Clastoptera sp. , Clastopteridae  
 Coccidella theobromae (Hambleton), Pseudococcidae  
 Conura martinezi Delvare, Chalcididae  
 Conura phobetrone Delvare, Chalcididae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Forcipomyia genualis (Loew), Ceratopogonidae  
 Forcipomyia nana (Macfie), Ceratopogonidae  
 Forcipomyia tuberculata Saunders, Ceratopogonidae  
 Forcipomyia youngi Wirth, Ceratopogonidae  
 Heliothrips sp. , Thripidae  
 Monalonion atratum Distant, Miridae  
 Monalonion dissimulatum Distant, Miridae  
 Myoxomorpha breve (Sulzer), Cerambycidae Lamiinae  
 Nipaecoccus nipae (Maskell), Pseudococcidae  
 Oligonychus gossypii (Zacher), Tetranychidae  
 Ormenis albignyia Campos, Flatidae  
 Pantophthalmus bellardii Bigot, Pantophthalmidae  
 Phobetrone sp. , Limacodidae  
 Proarna sp. , Cicadidae  
 Tomaspis sp. , Cercopidae  
 Umbonia sp. , Membracidae  
 Xyleborus affinis Eichhoff, Scolytidae  
 Xyleborus ferrugineus (Fabricius), Scolytidae  
 Xyleborus posticus Eichhoff, Scolytidae  
 Zammara sp. , Cicadidae

## El Salvador

Eutetranychus banksi (Mc Gregor), Tetranychidae  
 Tetranychus nakahari Baker, Tetranychidae

## Equatorial Guinea

Bryocoropsis laticollis Schumacher, Miridae  
 Tragocephala castnia islandica Entwistle, Cerambycidae  
 Lamiinae  
 Tragocephala nobilis (Fabricius), Cerambycidae Lamiinae

## Equatorial Guinea Bioko

Agonoscelis versicolor (Fabricius), Pentatomidae  
 Ankylopteryx tristrica Navas, Chrysopidae  
 Araecerus coffeae Fabricius, Anthribidae  
 Bryocoropsis cotterelli Miridae  
 Cadra cautella (Walker), Pyralidae  
 Camenta obesa Burmeister, Scarabaeidae Melolonthinae  
 Characoma stictigrapta Hampson, Nolidae  
 Ischnotrachelus theobromae Marshall, Curculionidae  
 Mallodon downesi Hope, Cerambycidae Prioninae  
 Mesohomotoma tessmanni (Aulmann), Psyllidae  
 Myllocerus sp. , Curculionidae  
 Neotermes gestri Silvestri, Kalotermitidae

Peristenus sahlbergellae (Wilkinson), Braconidae  
 Sahlbergella singularis Haglund, Miridae  
 Selenothrips rubrocinctus (Giard), Thripidae  
 Stictococcus sp. , Stictococcidae  
 Tragocephala nobilis (Fabricius), Cerambycidae Lamiinae

## Ethiopia

Bathyaulax sp. , Braconidae  
 Eulophonotus myrmeleon (Felder), Cossidae

## Fiji

Adoretus versutus Harold, Scarabaeidae Rutelinae  
 Adoxophyes fasciculana Walker, Tortricidae  
 Aspidiotus destructor Signoret, Diaspididae  
 Asterolecanium pustulans (Cockerell), Asterolecaniidae  
 Bactrocera passiflorae (Froggatt), Tephritidae  
 Chrysodeixis eriosoma (Doubleday), Noctuidae  
 Coccus hesperidum Linnaeus, Coccidae  
 Corcyra cephalonica (Stainton), Pyralidae  
 Cosmopolites sordidus (Germar), Curculionidae  
 Dysmicoccus nesophilus Williams & Watson, Pseudococcidae  
 Dysmicoccus sp. , Pseudococcidae  
 Euwallacea fornicatus (Eichhoff), Scolytidae  
 Hemiberlesia palmae (Morgan & Cockerell), Diaspididae  
 Micromeriella marginella modesta (F. Smith), Scoliidae  
 Pachyneuron sp. , Pteromalidae  
 Parlatoria proteus (Curtis), Diaspididae  
 Planococcus minor (Maskell), Pseudococcidae  
 Spodoptera litura (Fabricius), Noctuidae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
 Xylopertha lifuana (Montrouzier), Bostrichidae  
 Xylopertha minuta (Pascoe), Bostrichidae

## French Guiana

Conotrachelus curvecostatus Marshall, Curculionidae

## French Polynesia

Euborellia annulipes (Lucas), Anisolabididae

## Gabon

Ischnotrachelus concinnus Faust, Curculionidae  
 Mesohomotoma tessmanni (Aulmann), Psyllidae  
 Palaeocorynus dorsalis Faust, Curculionidae  
 Stictococcus sjostedti Cockerell, Stictococcidae

## Ghana

?Trichomasthus sp. , Encyrtidae  
 Abgrallaspis cyanophylli (Signoret), Diaspididae  
 Acantharctia mundata (Walker), Arctiidae  
 Achaea catocaloides Guenee, Noctuidae  
 Achaea lienardi Boisduval, Noctuidae  
 Acrocera conjux Thomson, Cerambycidae Lamiinae  
 Acraea alciope Hewitson, Nymphalidae  
 Acraea pharsalus Ward, Nymphalidae  
 Acraea rogersi Hewitson, Nymphalidae  
 Acroclisoides africanus Ferriere, Pteromalidae  
 Adelocera sp. , Elateridae  
 Aderus sp. , Aderidae  
 Adoretus aurantiacus Benderitter, Scarabaeidae Rutelinae  
 Adoretus signanus (Ohaus), Scarabaeidae Rutelinae  
 Adoretus sp. , Scarabaeidae Rutelinae  
 Adoretus sp. near fuscus Fabricius, Scarabaeidae Rutelinae  
 Adoretus umbrosus Fabricius, Scarabaeidae Rutelinae  
 Aenasius abengouroui (Risbec), Encyrtidae  
 Aenasius martinii (Compere), Encyrtidae

- Aenictus asperivalvus* Santschi, Formicidae Aenictinae  
*Aethina calva* Reitter, Nitidulidae  
*Aethognathus afer* Silvestri, Encyrtidae  
*Afroccidens lodosi* Ghauri, Cicadellidae  
*Afroccidens sympatrica* Ghauri, Cicadellidae  
*Afrocordus asper* Calabresi, Brentidae  
*Afroerydemus brevilineatus* (Jacoby), Chrysomelidae  
     Eumolpinae  
*Afroerydemus gussifeldi* (Karsch), Chrysomelidae Eumolpinae  
*Afroerydemus* sp., Chrysomelidae Eumolpinae  
*Afrotrogylacris africana* (Brunner), Gryllacrididae  
*Afromecopoda frontalis* (Walker), Tettigoniidae  
*Afronarosa africana* (Hering), Limacodidae  
*Afronarosa* sp., Limacodidae  
*Afrovertanus elongatus* Scudder, Lygaeidae  
*Agathis* sp., Braconidae  
*Ageniaspis* sp., Encyrtidae  
*Agrilus* sp., Buprestidae  
*Agrypon* sp., Ichneumonidae  
*Ahasverus advena* (Waltl), Silvanidae  
*Alagria subseriata* Reitter, Lagriidae  
*Alcidodes* sp., Curculionidae  
*Aleiodes* sp., Braconidae  
*Aleiodes* sp. near *pallidator* (Thunberg), Braconidae  
*Allobaccha picta* (Wiedemann), Syrphidae  
*Allobaccha praeusta* (Bezzi), Syrphidae  
*Allobaccha sinuata* (Brunetti), Syrphidae  
*Alloeme rubra* Thomson, Cerambycidae Cerambycinae  
*Allothrombium* sp., Trombidiidae  
*Allotropa ?loundsburyi* Ashmead, Platygasteridae  
*Aloxysta* sp., Cynipidae  
*Alpenus schraderi ratrayi* (Rothschild), Arctiidae  
*Aluntia schimperii* (Guerin-Meneville), Dictyopharidae  
*Amerila leucoptera* (Hampson), Arctiidae  
*Amerila luteibarba* (Hampson), Arctiidae  
*Amicrocentrum* sp., Braconidae  
*Amitermes evuncifer* Silvestri, Termitidae  
*Amorphoscelis* sp., Amorphoscelidae  
*Amytta* sp., Tettigoniidae  
*Anablyzostoma minor* Schedl, Brentidae  
*Anadastus* sp., Languriidae  
*Anadastus* sp. near *monticola* Fowler, Languriidae  
*Anagyrus ?aurantifrons* Compere, Encyrtidae  
*Anagyrus ?greeni* Howard, Encyrtidae  
*Anagyrus ?subproximus* (Silvestri), Encyrtidae  
*Anagyrus abyssinicus* Compere, Encyrtidae  
*Anagyrus amoenus* Compere, Encyrtidae  
*Anagyrus beneficiens* Compere, Encyrtidae  
*Anagyrus pullus* Compere, Encyrtidae  
*Anagyrus* sp. near *beneficiens* Compere, Encyrtidae  
*Anagyrus* sp. near *abyssinicus* Compere, Encyrtidae  
*Anagyrus* sp. near *aurantifrons* Compere, Encyrtidae  
*Anamoeotes tenellula* Holland, Zygaenidae  
*Anaplecta bolivari* Shelford, Blattellidae  
*Anaplecta conradti* Shelford, Blattellidae  
*Anaplecta lepesmei* Chopard, Blattellidae  
*Anaplecta pulchra* Shelford, Blattellidae  
*Anasigerpes bifasciata* Giglio-Tos, Hymenopodidae  
*Anastatus* sp., Eupelmidae  
*Anauxesida cuneata* Jordan, Cerambycidae Lamiinae  
*Anaxipha* sp., Gryllidae  
*Anchastus klugi* Candeze, Elateridae  
*Anchon dilaticornis* Pelaez, Membracidae  
*Anchon vicinum* Signoret, Membracidae  
*Ancistrotermes* sp., Termitidae  
*Ancylonotus tribulus* (Fabricius), Cerambycidae Lamiinae  
*Ancyrona* sp., Trogossitidae  
*Andrallochroma bicolor* Strand, Limacodidae  
*Anepitacta inconspicua* Brunner, Tettigoniidae  
*Anisognathus czikii* Bolkay, Brentidae  
*Ankylopteryx* sp., Chrysopidae  
*Anochetus africanus* (Mayr), Formicidae Ponerinae  
*Anochetus pellucidus* Emery, Formicidae Ponerinae  
*Anochetus* sp., Formicidae Ponerinae  
*Anomala immarginata* Ohaus, Scarabaeidae Rutelinae  
*Anomis leona* Schaus, Noctuidae  
*Aonidiella replicata* (Lindinger), Diaspididae  
*Apalochrus* sp., Melyridae  
*Apanteles diparopsidis* Lyle, Braconidae  
*Apanteles* sp., Braconidae  
*Apate terebrans* (Pallas), Bostrichidae  
*Apogonia conradtiana* D.Torre, Scarabaeidae Melolonthinae  
*Apogonia neglecta* Brenske, Scarabaeidae Melolonthinae  
*Apogonia nitidula* Thomson, Scarabaeidae Melolonthinae  
*Apogonia virescens* Duvivier, Scarabaeidae Melolonthinae  
*Apomecyna flavosuttulata* Aurivillius, Cerambycidae Lamiinae  
*Apophyllia nigricollis* Allard, Chrysomelidae Galerucinae  
*Aprostocetus lamiicidus* Kerrich, Eulophidae  
*Apthona elegantula* Laboissiere, Chrysomelidae Halticinae  
*Araecerus coffeae* Fabricius, Anthribidae  
*Araecerus* sp., Anthribidae  
*Arantia rectifolia* Brunner, Tettigoniidae  
*Arantia* sp., Tettigoniidae  
*Archips occidentalis* (Walsingham), Tortricidae  
*Argyrostigma niobe* (Weymer), Lymantriidae  
*Armatosterna buquetiana* White, Cerambycidae Lamiinae  
*Asbecesta cyanipennis* Harold, Chrysomelidae Galerucinae  
*Asbecesta transversa capensis* Allard, Chrysomelidae  
     Galerucinae  
*Ascotis selenaria reciprocaria* Walker, Geometridae  
*Aslauga vininga* Heinrich, Lycaenidae  
*Aspavia hastator* (Fabricius), Pentatomidae  
*Aspidiotus destructor* Signoret, Diaspididae  
*Aspidiotus elaeidis* Marchal, Diaspididae  
*Aspidiotus* sp., Diaspididae  
*Aspidomorpha cincta* (Fabricius), Chrysomelidae Cassidinae  
*Aspidomorpha quinquefasciata* (Fabricius), Chrysomelidae  
     Cassidinae  
*Asura* sp., Arctiidae  
*Atelocera armata* Laporte, Pentatomidae  
*Atelocera serrata* (Fabricius), Pentatomidae  
*Atholus rothkirchi* Bickhart, Histeridae  
*Atopomyrmex mocquersyi* Andre, Formicidae Myrmecinae  
*Atrichopogon* sp., Ceratopogonidae  
*Atrometus* sp., Ichneumonidae  
*Authenta fulvipennis* Horvath, Reduviidae  
*Axyra* sp., Nitidulidae  
*Balacra caeruleifascia* Walker, Arctiidae  
*Balacra pulchra* Aurivillius, Arctiidae  
*Baria elsa* (Druce), Limacodidae

- Bassus aciculatus* Brues, Braconidae  
*Bathycoelia thalassina* (Herrich-Schaffer), Pentatomidae  
*Bathycoelia variolaria* Distant, Pentatomidae  
*Belonuchus* sp. , Staphylinidae  
*Bilga* sp. , Scarabaeidae Melolonthinae  
*Billaea vanemdeni* Fennah, Tachinidae  
*Biston johannaria* (Oberthur), Geometridae  
*Blepharella lodosi* Mesnil, Tachinidae  
*Bocchar* sp. near *montanum* Jacobi, Membracidae  
*Bombycopsis indecora* Walker, Lasiocampidae  
*Bonesia quinquepunctata* (Klug), Chrysomelidae Galerucinae  
*Brachymeria* sp. , Chalcididae  
*Brachypeplus depressus* Erichson, Nitidulidae  
*Brachypeplus parallelus* Murray, Nitidulidae  
*Brachypeplus pilosellus* Murray, Nitidulidae  
*Bracon hebetor* Say, Braconidae  
*Bracon* sp. , Braconidae  
*Bryochaeta pusilla* (Pascoe), Curculionidae  
*Bryocoropsis laticollis* Schumacher, Miridae  
*Buettneria maculiceps* Karsch, Tettigoniidae  
*Caccobius* sp. , Scarabaeidae Scarabaeinae  
*Cadra cautella* (Walker), Pyralidae  
*Cadurcia auratocauda* (Curran), Tachinidae  
*Callibaphus longirostris* (Drury), Pyrrhocoridae  
*Camponotus* (*maculatus* group) sp. , Formicidae Formicinae  
*Camponotus acvapimensis* Mayr, Formicidae Formicinae  
*Camponotus barbarossa* Emery, Formicidae Formicinae  
*Camponotus brutus* Forel, Formicidae Formicinae  
*Camponotus chrysurus* (Gerstaecker), Formicidae Formicinae  
*Camponotus flavomarginatus* Mayr, Formicidae Formicinae  
*Camponotus foraminosus* Forel, Formicidae Formicinae  
*Camponotus olivieri* Forel, Formicidae Formicinae  
*Camponotus* sp. , Formicidae Formicinae  
*Camponotus vividus* (F. Smith), Formicidae Formicinae  
*Carcelia angulicornis* Villeneuve, Tachinidae  
*Carcinomma astrologus* Bergroth, Reduviidae  
*Cardiochiles* sp. , Braconidae  
*Carpophilus ?fumatus* Murray, Nitidulidae  
*Carpophilus analis* Grouvelle, Nitidulidae  
*Carpophilus dimidiatus* (Fabricius), Nitidulidae  
*Carpophilus mutilatus* Erichson, Nitidulidae  
*Carpophilus rufangulus* Grouvelle, Nitidulidae  
*Carpophilus* sp. , Nitidulidae  
*Casphalia flavicollis* Walker, Limacodidae  
*Casphalia picta* Schaus & Clement, Limacodidae  
*Cassida pyxidata* Boheman, Chrysomelidae Cassidinae  
*Cassida tosta* Klug, Chrysomelidae Cassidinae  
*Catadipson sus* Breddin, Acanthosomatidae  
*Cataspilota calabrica* (Westwood), Mantidae  
*Cataspilota misana* (Giglio-Tos), Mantidae  
*Cataulacus brevisetosus* Forel, Formicidae Myrmecinae  
*Cataulacus guineensis* F. Smith, Formicidae Myrmecinae  
*Cataulacus mocquerysi* E. Andre, Formicidae Myrmecinae  
*Cataulacus* sp. , Formicidae Myrmecinae  
*Caternaultiella guineensis* Spinola, Brachyplatidae  
*Catoptropteryx apicalis* (Bolivar), Tettigoniidae  
*Catoptropteryx naevia* Huxley, Tettigoniidae  
*Cautires* sp. , Lycidae  
*Cenaeus* sp. , Pyrrhocoridae  
*Cenocoelius* sp. , Braconidae  
*Cephaloclerus* sp. , Cleridae  
*Cerapachys foreli* (Santschi), Formicidae Cerapachyinae  
*Cerapachys* sp. , Formicidae Cerapachyinae  
*Cerobates complanatus* Senna, Brentidae  
*Cerobates conradti* Senna, Brentidae  
*Cerobates conveniens* Kleine, Brentidae  
*Cerobates cruentatus* Senna, Brentidae  
*Cerobates dilutus* Kleine, Brentidae  
*Cerobates elegans* Damoiseau, Brentidae  
*Cerobates hybridus* Senna, Brentidae  
*Cerobates sulcatus sulcirostris* J. Thomson, Brentidae  
*Chaetonerius latifemur* Enderlein, Neriidae  
*Chaetormenis* sp. , Flatidae  
*Characoma stictigrapta* Hampson, Nolidae  
*Chariesthes fairmairei* Aurivillius, Cerambycidae Lamiinae  
*Charops* sp. , Ichneumonidae  
*Chatolydella* sp. , Tachinidae  
*Cheilomenes vicinia* Mulsant, Coccinellidae  
*Cheiloneurus afer* Waterston, Encyrtidae  
*Cheiloneurus carinatus* Compere, Encyrtidae  
*Cheiracanthium* sp. , Miturgidae  
*Chirida baumanni* Spaeth, Chrysomelidae Hispinae  
*Chirida quadriplagiata* Boheman, Chrysomelidae Hispinae  
*Chloroharpax modesta* (Gerstaecker), Hymenopodidae  
*Chorisoneuodes unguiculata* Princis, Blattellidae  
*Chrysodeixis chalcites* (Esper), Noctuidae  
*Chrysolagria cuprina* (Thomson), Lagriidae  
*Chrysopa* sp. , Chrysopidae  
*Circopes africanus* Grouvelle, Nitidulidae  
*Cis* sp. , Cisidae  
*Citorus* sp. , Cicadellidae  
*Clausenia confusor* Kerrich, Encyrtidae  
*Clausenia corrugata* Kerrich, Encyrtidae  
*Clausenia guineensis* Kerrich, Encyrtidae  
*Clausenia* sp. , Encyrtidae  
*Clausenia* sp. near *purpurea* Ishii, Encyrtidae  
*Clavigralla horrida* (Germar), Coreidae  
*Cleora* sp. , Geometridae  
*Clerolanguria tricolor* (Fabricius), Languriidae  
*Cletus unifasciatus* (Blote), Coreidae  
*Clovia bigoti* (Signoret), Aphrophoridae  
*Cnestus nitidipennis* (Schedl), Scolytidae  
*Coccidoctonus pseudococci* (Risbec), Encyrtidae  
*Coccidoctonus* sp. , Encyrtidae  
*Coccodiplosis coffeae* (Barnes), Cecidomyiidae  
*Coccophagus* sp. near *eleaphilus* Silvestri, Aphelinidae  
*Coelidia* sp. , Cicadellidae  
*Colocleora divisaria* (Walker), Geometridae  
*Colocleora smithi* (Warren), Geometridae  
*Conocephalus carbonarius* (Redtenbacher), Tettigoniidae  
*Coptops aedificator* (Fabricius), Cerambycidae Lamiinae  
*Coptosoma nigriceps* Signoret, Plataspidae  
*Corcyra cephalonica* (Stainton), Pyralidae  
*Cordus kraatzi* Senna, Brentidae  
*Corus* sp. , Cerambycidae Lamiinae  
*Corycoides abruptus* (Krauss), Tettigoniidae  
*Cosuma rugosa* Walker, Limacodidae  
*Craspedophorus tetrastigma* Chaudrey, Carabidae  
*Crematogaster ?kneri* Mayr, Formicidae Myrmecinae  
*Crematogaster africana* Mayr, Formicidae Myrmecinae

Crematogaster buchneri Forel, Formicidae Myrmecinae	Dorylus nigricans Illiger, Formicidae Dorylinae
Crematogaster castanea F.Smith, Formicidae Myrmecinae	Drabescus sp. , Cicadellidae
Crematogaster clariventris (Mayr), Formicidae Myrmecinae	Dryocetoides cristatus (Fabricius), Scolytidae
Crematogaster cuvierae Donisthorpe, Formicidae Myrmecinae	Ducetia fuscopunctata Chopard, Tettigoniidae
Crematogaster depressa (Latreille), Formicidae Myrmecinae	Dysmicoccus brevipes (Cockerell), Pseudococcidae
Crematogaster gabonensis Emery, Formicidae Myrmecinae	Earias biplaga Walker, Nolidae
Crematogaster jullieni Santschi, Formicidae Myrmecinae	Eccopsis sp. near praecedens (Walsingham), Tortricidae
Crematogaster kneri Mayr, Formicidae Myrmecinae	Ectrichodia sp. , Reduviidae
Crematogaster luctans Forel, Formicidae Myrmecinae	Elaphrothrips femoralis (Bagnall), Phlaeothripidae
Crematogaster petiolidens Forel, Formicidae Myrmecinae	Elasmosomus sp. , Elateridae
Crematogaster sp. , Formicidae Myrmecinae	Elasmus sp. , Elasmidae
Crematogaster stadelmanni Mayr, Formicidae Myrmecinae	Encyrtus aurantii (Geoffroy), Encyrtidae
Crematogaster striatula Emery, Formicidae Myrmecinae	Encyrtus cotterelli Waterston, Encyrtidae
Crematogaster wellmani Forel, Formicidae Myrmecinae	Endochilus brunneocincta Sicard, Coccinellidae
Crorema mentiens Walker, Lymantriidae	Endochilus niger Fursch, Coccinellidae
Cryptarcha senegalensis Reitter, Nitidulidae	Endochilus rubicundus Weise, Coccinellidae
Cryptarcha sp. , Nitidulidae	Endochus africanus Bergroth, Reduviidae
Cryptarcha stronguloides Murray, Nitidulidae	Engistoneura moerans (Fabricius), Platystomatidae
Cryptocephalus ?dregii Boheman, Chrysomelidae	Enicospilus sp. , Ichneumonidae
Cryptocephalinae	Ephestia elutella (Hubner), Pyralidae
Cryptocephalus dislocatus Suffrian, Chrysomelidae	Epidonta variegata (Aurivillius), Notodontidae
Cryptocephalinae	Epilachna bissexguttata Weise, Coccinellidae
Cryptochetum sp. , Cryptochetidae	Euchromia lethe Fabricius, Arctiidae
Cryptoflata unipunctata (Olivier), Flatidae	Eudasychira georgiana (Fawcett), Lymantriidae
Cryptolestes ferrugineus Stephens, Laemophloeidae	Eudrapa mollis Walker, Noctuidae
Cryptolestes pusillus (Schonherr), Laemophloeidae	Eugaleruca placida Bryant, Chrysomelidae Galerucinae
Cryptolestes sp. , Laemophloeidae	Eulophonotus myrmeleon (Felder), Cossidae
Ctenolita auribasalis (Holland), Limacodidae	Eumeta cervina Druce, Psychidae
Ctenolita pyrosomoides (Holland), Limacodidae	Eumeta rougeoti Bourgogne, Psychidae
Culicoides citroneus Carter Ingram & Macfie, Ceratopogonidae	Eumonocentrus sp. , Membracidae
Curculio sp. , Curculionidae	Eunidia sp. , Cerambycidae Lamiinae
Cylindromyia eronis Curran, Tachinidae	Euphoresia sp. , Scarabaeidae Melolonthinae
Cymatomera sp. , Tettigoniidae	Euphorus sp. , Braconidae
Dactylispa echinata Gyllenhal, Chrysomelidae Hispinae	Euplectrus leonae Risbec, Eulophidae
Dapanera genuteres Karsch, Tettigoniidae	Euplectrus sp. near fuscipes Ferriere, Eulophidae
Dasychira endophaea Hampson, Lymantriidae	Euproctis dewitzi (Grunberg), Lymantriidae
Delococcus tafoensis (Strickland), Pseudococcidae	Euproctis fasciata Walker, Lymantriidae
Delottococcus sp. near proteae (Hall), Pseudococcidae	Euproctis lepidographa Hampson, Lymantriidae
Deraeocoris crigi Gibbs & Leston, Miridae	Euproctis lyoma Swinhoe, Lymantriidae
Derolagria dermatodes Fairmaire, Lagriidae	Euproctis melanopholis Hampson, Lymantriidae
Derolagria scapulata Fairmaire, Lagriidae	Euproctis xanthomelaena Holland, Lymantriidae
Derolagria sp. , Lagriidae	Euriphene plautilla Hewitson, Nymphalidae
Diacantha soyauxi Karsch, Chrysomelidae Galerucinae	Eurycorypha ornatipes Karsch, Tettigoniidae
Diacrisia auriantica Holland, Arctiidae	Eurycorypha sp. , Tettigoniidae
Diacrisia chionea Hampson, Arctiidae	Euscyrtes bivittatus Guerin-Meneville, Gryllidae
Diacrisia curvilinea Walker, Arctiidae	Eustegasta carabidina (Walker), Blaberidae
Diacrisia quadrilunata Hampson, Arctiidae	Eustegasta variegata Shelford, Blaberidae
Diaspila bipunctatus White, Cerambycidae Cerambycinae	Eutermes latifrons (Sjostedt), Termitidae
Dichostates collaris Chevrolat, Cerambycidae Lamiinae	Euthyrrhapha bimaculata Princis, Euthyrrhaphidae
Dictyophara elliptica Walker, Dictyopharidae	Exocentrus echinulus Gahan, Cerambycidae Lamiinae
Dietopsis metallicipennis Picard, Alleculidae	Exocentrus sp. , Cerambycidae Lamiinae
Dieuches albostriatus Fabricius, Lygaeidae	Exochomus flavipes Thunberg, Coccinellidae
Diniella laevicollis (Reuter), Lygaeidae	Exochomus promptus Weise, Coccinellidae
Dinomachus majusculus Scudder, Lygaeidae	Exochomus sp. near flavipes Thunberg, Coccinellidae
Dinotettix major Bolivar, Tetrigidae	Exorista sorbillans (Wiedemann), Tachinidae
Diplopterina conradti (Shelford), Blattellidae	Farnya versicolor Distant, Pentatomidae
Dirhagus sp. , Eucernidae	Fernandea conradti Mel., Dictyopharidae
Distantiella theobroma (Distant), Miridae	Ferrisia virgata (Cockerell), Pseudococcidae
Doliopygus conradti (Strohmeyer), Platypodidae	Forcipomyia ashantii Ingram & Macfie, Ceratopogonidae
Doliopygus gracilior Schedl, Platypodidae	Forcipomyia biannulata (Ingram & Macfie), Ceratopogonidae



- Forcipomyia castanea (Walker), Ceratopogonidae  
 Forcipomyia chrysolopha (Kieffer), Ceratopogonidae  
 Forcipomyia clastrieri Dessart, Ceratopogonidae  
 Forcipomyia fuliginosa (Meigen), Ceratopogonidae  
 Forcipomyia inornatipennis (Austen), Ceratopogonidae  
 Forcipomyia litoraurea (Ingram & Macfie), Ceratopogonidae  
 Forcipomyia psilonota (Kieffer), Ceratopogonidae  
 Forcipomyia squamipennis Ingram & Macfie, Ceratopogonidae  
 Forcipomyia venusta (Ingram & Macfie), Ceratopogonidae  
 Formicococcus celtis (Strickland), Pseudococcidae  
 Formicococcus njalensis (Laing), Pseudococcidae  
 Formicomus sp. , Inthidae  
 Gabonia nucleus Weise, Chrysomelidae Halticinae  
 Gargara perpolita Distant, Membracidae  
 Gargara sp. , Membracidae  
 Gargara variegata Signoret, Membracidae  
 Geococcus coffeae Green, Pseudococcidae  
 Geocoris amabilis Stal, Lygaeidae  
 Ghesquirellana hirtusalis (Walker), Pyralidae  
 Glenea divergiovittata Breuning, Cerambycidae Lamiinae  
 Glyptapanteles africanus (Cameron), Braconidae  
 Glyptotermes parvulus (Sjostedt), Kalotermitidae  
 Goetheana shakespearei Girault, Eulophidae  
 Gonamyta occidentalis (Karsch), Tettigoniidae  
 Goryphus sp. near braunsii (Kriechbaumer), Ichneumonidae  
 Graciella pulchella (Klug), Cerambycidae Lamiinae  
 Gryllotalpa africana Palisot de Beauvois, Gryllotalpidae  
 Gulamentus sp. , Anthribidae  
 Gymnochila lepidoptera Reitter, Trogossitidae  
 Gymnochila varia (Fabricius), Trogossitidae  
 Gymnogryllus sp. , Gryllidae  
 Gyna capucina (Gerstaecker), Blaberidae  
 Gyna colini Rochebrune, Blaberidae  
 Gyna gloriosa (Stal), Blaberidae  
 Gyna laticosta (Walker), Blaberidae  
 Gyna oblonga Borg., Blaberidae  
 Gynandrophthalma elongata Jacoby, Chrysomelidae Clytrinae  
 Halyomorpha annulicornis (Signoret), Pentatomidae  
 Halyomorpha reflexa (Signoret), Pentatomidae  
 Halyomorpha rugosa Schouteden, Pentatomidae  
 Haptoncus luteolus (Erichson), Nitidulidae  
 Helopeltis lalandei (Carayon), Miridae  
 Helopeltis schoutedeni Reuter, Miridae  
 Hemiberlesia palmae (Morgan & Cockerell), Diaspididae  
 Hemicordus plagiator Kleine, Brentidae  
 Henschoutedenia occidentalis (Fabricius), Oxyhaloidea  
 Hexacentrus inflatus (Redtenbacher), Tettigoniidae  
 Hilda sp. , Tettigometridae  
 Hilda undata (Walker), Tettigometridae  
 Hippotion eson Cramer, Sphingidae  
 Holodictya sp. , Fulgoridae  
 Homalotylus africanus Timberlake, Encyrtidae  
 Homalotylus sp. , Encyrtidae  
 Homalotylus sp. near quaylei Timberlake, Encyrtidae  
 Homoeocerus pallens (Fabricius), Coreidae  
 Homoeocerus sp. , Coreidae  
 Homoeogryllus reticulatus (Fabricius), Gryllidae  
 Hoplonyx camerunus Gebien, Tenebrionidae  
 Howardia stricklandi Williams, Diaspididae  
 Hydara tenuicornis (Westwood), Coreidae  
 Hyllus holochalceus Simon, Salticidae  
 Hyperaspis egregia Mader, Coccinellidae  
 Hyphorma subterminalis Hampson, Limacodidae  
 Hypokopelates eleala Hewitson, Lycaenidae  
 Hypopta selenophora (Hering), Limacodidae  
 Hypothenemus arecae (Hornung), Scolytidae  
 Hypothenemus ater (Eggers), Scolytidae  
 Hypothenemus eruditus (Westwood), Scolytidae  
 Hypothenemus hampei (Ferrari), Scolytidae  
 Hypothenemus seriatus (Eichhoff), Scolytidae  
 Hypothenemus sp. , Scolytidae  
 Icerya nigroareolata Newstead, Margarodidae  
 Imbrasia dione (Fabricius), Saturniidae  
 Imbrasia epimethea Drury, Saturniidae  
 Imma sp. , Immidae  
 Incala calabarinus (Westwood), Scarabaeidae Cetoniinae  
 Incala sp. , Scarabaeidae Cetoniinae  
 Inglisia sp. , Coccidae  
 Kotochalia junodi (Heylaerts), Psychidae  
 Lagarodes facetus Karsch, Tettigoniidae  
 Lagosinia aristolochiae (Newstead), Coccidae  
 Lagria villosa Fabricius, Lagriidae  
 Lagrida rufa Jordan, Cerambycidae Lamiinae  
 Lamillothrips typicus Bagnall, Phlaeothripidae  
 Lanista crassicollis Bolivar, Tettigoniidae  
 Lasiodactylus sp. , Nitidulidae  
 Lasioderma serricorne Fabricius, Anobiidae  
 Lasioglossum sp. , Halictidae  
 Lathromeroides sp. , Trichogrammatidae  
 Latoia sp. , Limacodidae  
 Latoia viridifascia Holland, Limacodidae  
 Latoia vitilena Karsch, Limacodidae  
 Lecanium sp. , Coccidae  
 Leipoxais rufobrunnea Strand, Lasiocampidae  
 Leipoxais sp. , Lasiocampidae  
 Leipoxais sp. near peraffinis Holland, Lasiocampidae  
 Lema ?pauperata Lacordaire, Chrysomelidae Criocerinae  
 Lepisiota capensis (Mayr), Formicidae Formicinae  
 Lepisiota incisa (Forel), Formicidae Formicinae  
 Lepisiota sp. , Formicidae Formicinae  
 Leptaulaca occidentalis Weise, Chrysomelidae Galerucinae  
 Leptocentrus altifrons (Walker), Membracidae  
 Leptomastidea ?abnormis (Girault), Encyrtidae  
 Leptomastidea ?jeanneli Mercet, Encyrtidae  
 Leptomastix dactylopii Howard, Encyrtidae  
 Leptophloeus janeti (Grouvelle), Laemophloeidae  
 Leptothorax sp. near grisoni Forel, Formicidae Myrmecinae  
 Lethaeus sp. , Lygaeidae  
 Literna tartemoriou Lallemand, Cercopidae  
 Lophocrama phoenicochlora Hampson, Nolidae  
 Lophoraglius gutturalis Stal, Lygaeidae  
 Lophoruzza semiscripta Mabilbe, Noctuidae  
 Luperus sp. , Chrysomelidae Galerucinae  
 Lycus sp. , Lycidae  
 Maconellicoccus ugandae (Laing), Pseudococcidae  
 Macrocorynus alboscuteallatus Hustache, Curculionidae  
 Macroscytus sp. , Cydnidae  
 Macrotermes subhyalinus (Rambur), Termitidae  
 Mallodon downesi Hope, Cerambycidae Prioninae  
 Margasus afzelii (Stal), Reduviidae

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Matabelina abdominalis (Shelford), Blattellidae	Nephus ochripes Weise, Coccinellidae
Matabelina cincta Princis, Blattellidae	Nephus ornatus Korschefsky, Coccinellidae
Matabelina diaphana Princis, Blattellidae	Netelia sp. , Ichneumonidae
Maurilia albivulva Hampson, Nolidae	Newsteadia wacri Strickland, Ortheziidae
Mecosaspis subvestita Bates, Cerambycidae Cerambycinae	Notiobiella rosea Kimmins, Hemerobiidae
Medon sp. , Staphylinidae	Novius sp. , Coccinellidae
Meenoplus sp. , Meenoplidae	Numicia taenia (Fabricius), Tropiduchidae
Megaleruca griseosericans Thomson, Chrysomelidae	Obereopsis apicalis Kolbe, Cerambycidae Lamiinae
Galerucinae	Ocularia cineracea Jordan, Cerambycidae Lamiinae
Megaselia scalaris (Loew), Phoridae	Odites sp. , Oecophoridae
Megommata donaldi (Pritchard), Cecidomyiidae	Odontogonus dimenis Schouteden, Reduviidae
Melanoxanthus sp. , Elateridae	Odontomachus haematodus (Linnaeus), Formicidae Ponerinae
Meranoplus nanus E.Andre, Formicidae Myrmecinae	Oecophylla longinoda (Latreille), Formicidae Formicinae
Mesochorus melanothorax Wilkinson, Ichneumonidae	Olene mendosa (Hubner), Lymantriidae
Mesohomotoma tessmanni (Aulmann), Psyllidae	Omocena sp. , Limacodidae
Mesoricania ordinata (Melichar), Ricaniidae	Oncopeltus famelicus Fabricius, Lygaeidae
Metaphycus sp. , Encyrtidae	Ooencyrtus sp. , Encyrtidae
Metarbela sp. , Metarbelidae	Orfilaia vulsellata (Gyllenhal), Brentidae
Meteoridea sp. , Braconidae	Orgyia mixta Snellen, Lymantriidae
Meteorus sp. near margaroniae Wilkinson, Braconidae	Orosius sp. , Cicadellidae
Mezira affinis (Signoret), Aradidae	Orphanobrenthus picipes Olivier, Brentidae
Mezira rugosa (Signoret), Aradidae	Ortalia ochracea Weise, Coccinellidae
Mezira sp. , Aradidae	Ortalia pallens Mulsant, Coccinellidae
Microcerotermes fuscotibialis (Sjostedt), Termitidae	Oxycarenus dudgeoni Distant, Lygaeidae
Microcerotermes solidus Silvestri, Termitidae	Oxycarenus fieberi Stal, Lygaeidae
Microcymatura antennalis Breuning, Cerambycidae Lamiinae	Oxyhammus cinctus Jordan, Cerambycidae Lamiinae
Micromus timidus Hagen, Hemerobiidae	Oxyptilus sp. , Pterophoridae
Microtrachelizus aethiopicus Calb., Brentidae	Oxyrhachis pandata Distant, Membracidae
Miomantis aurea Giglio-Tos, Mantidae	Oxytelus sp. , Staphylinidae
Monocentrus insularis Schm., Membracidae	Pachycondyla tarsata (Fabricius), Formicidae Ponerinae
Monochamus adamitus Thomson, Cerambycidae Lamiinae	Paedalgus termitolestes Wheeler, Formicidae Myrmecinae
Monochamus ruspator (Fabricius), Cerambycidae Lamiinae	Paederus monticola Cameron, Staphylinidae
Monochamus sp. , Cerambycidae Lamiinae	Palaminus sp. , Staphylinidae
Monochamus tuberosa Bates, Cerambycidae Lamiinae	Palexorista ?imberbis (Wiedemann), Tachinidae
Monochamus variegator Aurivillius, Cerambycidae Lamiinae	Palexorista amicula Mesnil, Tachinidae
Monolepta goldingi Bryant, Chrysomelidae Galerucinae	Palexorista sp. near imberbis (Wiedemann), Tachinidae
Monolepta metallica Jacoby, Chrysomelidae Galerucinae	Panchaea depressa Stal, Lygaeidae
Monolepta sp. , Chrysomelidae Galerucinae	Panchlora stanleyana Rehn, Panchloridae
Monomorium bicolor Emery, Formicidae Myrmecinae	Panurgica compressicollis (Saussure), Hymenopodidae
Monomorium floricola (Jerdon), Formicidae Myrmecinae	Paraclusivius tristis Fenn., Achilidae
Monomorium pharaonis (Linnaeus), Formicidae Myrmecinae	Paragus borboricus Macquart, Syrphidae
Monomorium sp. , Formicidae Myrmecinae	Paragus marshalli Bezzi, Syrphidae
Mormotus rastricercus Karsch, Tettigoniidae	Paragus sp. , Syrphidae
Mulucha variegata Muir, Tropiduchidae	Paragus tibialis (Fallen), Syrphidae
Mussidia nigrivenella Ragonot, Pyralidae	Paraivongius fulvicornis (Jacoby), Chrysomelidae Eumolpinae
Mussidia pectinicornella (Hampson), Pyralidae	Paraivongius semipiceus (Jacoby), Chrysomelidae Eumolpinae
Mustius afzelii Stal, Tettigoniidae	Paraivongius viridiaeneus (Jacoby), Chrysomelidae Eumolpinae
Muxta xanthopa Holland, Arctiidae	Parallelodiplosis sp. near triangularis (Felt), Cecidomyiidae
Mycetoporus sp. , Staphylinidae	Paramantis togana Giglio-Tos, Mantidae
Myodermum alutaceum (Afzelius), Scarabaeidae Cetoniinae	Paraplecta sp. , Blaberidae
Nagusta punctaticollis Stal, Reduviidae	Parapoderus flavoebenus (Thomson), Attelabidae
Naroma signifera Walker, Lymantriidae	Paraputo anomalus (Newstead), Pseudococcidae
Narosa hedychroa Bethune-Baker, Limacodidae	Paraputo loranhi (Strickland), Pseudococcidae
Narosa viridana Talbot, Limacodidae	Parasa viridissima Holland, Limacodidae
Natula longipennis (Serville), Gryllidae	Parastictococcus gowdeyi (Newstead), Stictococcidae
Neomocena convergens (Hering), Limacodidae	Parastictococcus hargreavesi (Vayssiere), Stictococcidae
Neomycotretus ?nigrobrunneus Delk., Erotylidae	Parastictococcus multispinosus (Newstead), Stictococcidae
Neotermes aburiensis Sjostedt, Kalotermitidae	Paratetracnemoidea sp. , Encyrtidae
Neotermes sp. , Kalotermitidae	Parathisca sp. , Acanaloniidae
Nephus eburneus Mulsant, Coccinellidae	Paratrechina sp. , Formicidae Formicinae

- Paromius gracillis* Rambur, Lygaeidae  
*Paussobrenthus* sp. , Paussidae  
*Pediobius minimus* Delucchi, Eulophidae  
*Pediobius* sp. , Eulophidae  
*Pentagonica* sp. , Carabidae  
*Penthimia* sp. , Cicadellidae  
*Peribaea ?mitis* Curran, Tachinidae  
*Periergopus sculptus* Fenyés, Staphylinidae  
*Periplaneta atricollis* Saussure, Blattidae  
*Peristenus anates* (Nixon), Braconidae  
*Peristenus sahlbergellae* (Wilkinson), Braconidae  
*Phaenodictyon* sp. , Dictyopharidae  
*Phaeocyclotomus* sp. , Cleridae  
*Phalanta eurytis* Doubleday, Nymphalidae  
*Phanoptera nana* sparsa Stal, Tettigoniidae  
*Phasmomyrmex aberrans* (Mayr), Formicidae Formicinae  
*Phasmomyrmex paradoxus* (Andre), Formicidae Formicinae  
*Phatnoma* sp. , Tingidae  
*Pheidole megacephala* (Fabricius), Formicidae Myrmecinae  
*Pheidole* sp. , Formicidae Myrmecinae  
*Pheidole speculifera* Emery, Formicidae Myrmecinae  
*Phelbodicha cardinali* West, Limacodidae  
*Phelbodicha secunda* Strand, Limacodidae  
*Phenacoccus hargreavesi* (Laing), Pseudococcidae  
*Phenacoccus madeirensis* Green, Pseudococcidae  
*Philonthus* sp. , Staphylinidae  
*Philotheria* sp. , Dictyopharidae  
*Phonoctonus* sp. , Reduviidae  
*Phrosyne brevicornis* (Fabricius), Cerambycidae Cerambycinae  
*Phygasia* sp. , Chrysomelidae Halticinae  
*Phyllobroticella ochracea* Weise, Chrysomelidae Galerucinae  
*Phyllobroticella* sp. near *nigripennis* Laboissiere, Chrysomelidae Galerucinae  
*Pilocrocis melastictalis* Hampson, Pyralidae  
*Placodes senegalensis* (Paykull), Histeridae  
*Plagiolepis brunni* Mayr, Formicidae Formicinae  
*Planeteros flavus* (Bourg.), Lycidae  
*Planeteros flavus* (Burgmeister), Lycidae  
*Plangiopsis* sp. , Tettigoniidae  
*Planococcus boafaensis* (Strickland), Pseudococcidae  
*Planococcus citri* (Risso), Pseudococcidae  
*Planococcus kenya* (Le Pelley), Pseudococcidae  
*Platychora* sp. , Nitidulidae  
*Platynaspis ferruginea* Weise, Coccinellidae  
*Platynaspis higginsii* Crotch, Coccinellidae  
*Platynaspis kollari* Mulsant, Coccinellidae  
*Platynaspis solieri* Mulsant, Coccinellidae  
*Platypus* (*Stenoplatypus*) sp. , Platypodidae  
*Platypus impressus* (Strohmeyer), Platypodidae  
*Platythyrea conradti* Emery, Formicidae Ponerinae  
*Platythyrea modesta* Emery, Formicidae Ponerinae  
*Platyantha theobromae* Bryant, Chrysomelidae Galerucinae  
*Plistospilota guineensis* Roy, Mantidae  
*Pocharista conradti* Schmidt, Ricaniidae  
*Pochazia fasciata* (Fabricius), Ricaniidae  
*Podagrica* sp. , Chrysomelidae Halticinae  
*Podagrica spadicea* Dalman, Chrysomelidae Halticinae  
*Podozemius kolbei* (Kleine), Brentidae  
*Polyglochis* sp. , Tettigoniidae  
*Polyrhachis decemdentata* Andre, Formicidae Formicinae  
*Polyrhachis fissa* Mayr, Formicidae Formicinae  
*Polyrhachis laboriosa* F.Smith, Formicidae Formicinae  
*Polyrhachis militaris* (Fabricius), Formicidae Formicinae  
*Polyrhachis monista* Santschi, Formicidae Formicinae  
*Polyrhachis revoili* Andre, Formicidae Formicinae  
*Polyrhachis* sp. , Formicidae Formicinae  
*Polyspilota aeruginosa* (Goeze), Mantidae  
*Poophilus obscuris* Walker, Aphrophoridae  
*Porphyroptera guineensis* (Fabricius), Pentatomidae  
*Premnobius cavipennis* Eichhoff, Scolytidae  
*Pristicoris* sp. , Reduviidae  
*Pristomerus* sp. , Ichneumonidae  
*Proamytta straminea* (Sjostedt), Tettigoniidae  
*Proboscidoris fuliginosus* Reuter, Miridae  
*Proboscidoris* sp. , Miridae  
*Prochiloneurus aegyptiacus* (Mercet), Encyrtidae  
*Prodromus* sp. , Miridae  
*Prohierodula ornatipennis* (Bolivar), Mantidae  
*Proictes schachae* Hoffman, Curculionidae  
*Promuscidea ?laticeps* (Waterston), Aphelinidae  
*Pronauphoeta viridula* (Palisot de Beauvoir), Oxyhaloidea  
*Propsephus* sp. , Elateridae  
*Prosopocera* sp. , Cerambycidae Lamiinae  
*Prosopocoilus faber* Thomson, Lucanidae  
*Pseudaonidia* sp. , Diaspididae  
*Pseudaphycus ?prosopodis* Timberlake, Encyrtidae  
*Pseudaphycus angelicus* (Howard), Encyrtidae  
*Pseudendaphis ?maculans* (Barnes), Cecidomyiidae  
*Pseudococcus calceolariae* (Maskell), Pseudococcidae  
*Pseudococcus concavocerarii* James, Pseudococcidae  
*Pseudococcus longispinus* (Targioni Tozzetti), Pseudococcidae  
*Pseudococcus* sp. near *calceolariae* (Maskell), Pseudococcidae  
*Pseudocribrolecanium andersoni* (Newstead), Coccidae  
*Pseudominus* sp. , Curculionidae  
*Pseudopachybrachius dubia* (Reuter), Lygaeidae  
*Pseudosigmella* sp. , Blattellidae  
*Pseudothraupis devastans* (Distant), Coreidae  
*Pseudotrochilus concolor* Kolbe, Scarabaeidae Melolonthinae  
*Pseudotrochilus quadrisubmaculatus* Brenske, Scarabaeidae Melolonthinae  
*Psyllaepagus ?cellulatus* Waterston, Encyrtidae  
*Pterolophia biarcuata* Thomson, Cerambycidae Lamiinae  
*Pterolophia minor* (Breuning), Cerambycidae Lamiinae  
*Pterolophia plicata* Kolbe, Cerambycidae Lamiinae  
*Pterolophia* sp. , Cerambycidae Lamiinae  
*Ptyelus grossus* (Fabricius), Aphrophoridae  
*Pulvinarisca jacksoni* (Newstead), Coccidae  
*Pycnoscelus surinamensis* (Linnaeus), Pycnoscelidae  
*Rhadinomerus* sp. , Curculionidae  
*Rhinopteryx foveipennis* J.Thomson, Brentidae  
*Rhizoecus spelaeus* (Strickland), Pseudococcidae  
*Rhynocoris albopilosus* (Signoret), Reduviidae  
*Rhynocoris bicolor* (Fabricius), Reduviidae  
*Rhynocoris carmelita* (Stal), Reduviidae  
*Rhynocoris loratus* Stal, Reduviidae  
*Rhynocoris obtusus* (Palisot de Beauvois), Reduviidae  
*Rhynocoris* sp. , Reduviidae  
*Rhynocoris tristis* Stal, Reduviidae  
*Rhyarobia grandis* (Saussure), Oxyhaloidea  
*Rhypteira sordida* Holland, Limacodidae

- Rhytidopterus compressithorax* Senna, Brentidae  
*Ricania cervina* Melichar, Ricaniidae  
*Ricanopsis nebulosa* (Fabricius), Ricaniidae  
*Ricanopsis radiata* Melichar, Ricaniidae  
*Ricanopsis semihyalina* Melichar, Ricaniidae  
*Ricanopsis unipunctata* Schmidt, Ricaniidae  
*Ricanula guineensis* Kirkaldy, Ricaniidae  
*Riptortus* sp. , Alydidae  
*Rodolia senegalensis* Weise, Coccinellidae  
*Ropica* sp. , Cerambycidae Lamiinae  
*Ruspolia consobrina* Walker, Tettigoniidae  
*Sahlbergella singularis* Haglund, Miridae  
*Salagenia transversa* Walker, Metarbelidae  
*Santosia erythrocephala* (Wolff), Reduviidae  
*Scalmicauda* sp. , Notodontidae  
*Scalmicauda* sp. near *argenteomaculata* (Aurivillius),  
Notodontidae  
*Scaphytopius acutus* (Say), Cicadellidae  
*Scolochirus armatipes* Marshall, Curculionidae  
*Scotinophara fibulata* (Germar), Pentatomidae  
*Scraptia* sp. , Scaptiidae  
*Scymnus kibonotensis* Weise, Coccinellidae  
*Scymnus majeri* Fursch, Coccinellidae  
*Scymnus scapuliferus* Mulsant, Coccinellidae  
*Scymnus* sp. , Coccinellidae  
*Selenocephalus* sp. , Cicadellidae  
*Selenothrips rubrocinctus* (Giard), Thripidae  
*Selepa leucograptus* Hampson, Nolidae  
*Semyrilla lineata* (Holland), Limacodidae  
*Senometopia evolans* Wiedemann, Tachinidae  
*Sericocoris apicicornis* (Fairmaire), Pyrrhocoridae  
*Sericocoris luridus* (Reuter), Pyrrhocoridae  
*Serrastruma lujae* (Forel), Formicidae Myrmecinae  
*Simopone* sp. , Formicidae Ponerinae  
*Sitophilus oryzae* Linnaeus, Curculionidae  
*Sjoestedtella* sp. , Ichneumonidae  
*Solenopsis* sp. , Formicidae Myrmecinae  
*Solindenia* sp. , Eupelmidae  
*Sophroniella reali* Lepesme, Cerambycidae Lamiinae  
*Sora* sp. , Lagriidae  
*Soridus biapicata* Chevrolat, Cerambycidae Lamiinae  
*Spalgis lemolea* Druce, Lycaenidae  
*Spatherhinus medioximus* (J.Thomson), Brentidae  
*Sphaeroderma* sp. , Chrysomelidae Halticinae  
*Sphedanovarus camerunensis* (Breddin), Reduviidae  
*Sphenarches caffer* Zeller, Pterophoridae  
*Sphendalolestes karschi* Schouteden, Reduviidae  
*Sphenontera* (Hoplisture) sp. , Buprestidae  
*Sphodromantis aurea* Giglio-Tos, Mantidae  
*Sphodromantis lineola* (Burmeister), Mantidae  
*Spilopimpla* sp. , Ichneumonidae  
*Spodoptera littoralis* (Boisduval), Noctuidae  
*Spulerina* sp. , Gracillariidae  
*Stathmodera* sp. , Cerambycidae Lamiinae  
*Steatococcus* sp. , Margarodidae  
*Steatococcus theobromae* (Newstead), Margarodidae  
*Stelidota* sp. , Nitidulidae  
*Stenoplatys picea* (Fabricius), Chrysomelidae Galerucinae  
*Stenopyga ziela* Roy, Mantidae  
*Stenotarsus guineensis* Gerstaecker, Endomychidae  
*Stenus* ?*reticulatus* Benick, Staphylinidae  
*Sthenias cylindrator* (Fabricius), Cerambycidae Lamiinae  
*Stictococcus intermedius* Newstead, Stictococcidae  
*Stictococcus sjostedti* Cockerell, Stictococcidae  
*Stictococcus* sp. , Stictococcidae  
*Stilobezzia africana* (Ingram & Macfie), Ceratopogonidae  
*Stilobezzia spirogyrae* Carter Ingram & Macfie,  
Ceratopogonidae  
*Stracaena fuscivena* Swinhoe, Lymantriidae  
*Strombophorus crenatus* Hagedorn, Scolytidae  
*Stroteroides nigrisignata* Strand, Limacodidae  
*Strumigenys cacaoensis* Bolton, Formicidae Myrmecinae  
*Supella chapini* Rehn, Blattellidae  
*Syllepte retractalis* (Hampson), Pyralidae  
*Symploce* sp. , Blattellidae  
*Syntaphocerus pusillus* Lona, Curculionidae  
*Syntomis dilateralis* Hampson, Arctiidae  
*Tachinomorphus africanus* (Eppelsheim), Staphylinidae  
*Tapinoma melanocephalum* (Fabricius), Formicidae  
Dolichoderinae  
*Tapinoma* sp. , Formicidae Dolichoderinae  
*Tarachodes gerstaeckeri* Werner, Mantidae  
*Technomyrmex albipes* (F.Smith), Formicidae Dolichoderinae  
*Technomyrmex* sp. , Formicidae Dolichoderinae  
*Telamonia* sp. , Salticidae  
*Telenomus* sp. , Scelionidae  
*Telenomus* sp. near *seychellensis* (Kieffer), Scelionidae  
*Teleogryllus posticus* (Walker), Gryllidae  
*Tetramorium aculeatum* (Mayr), Formicidae Myrmecinae  
*Tetramorium lucayanum* Wheeler, Formicidae Myrmecinae  
*Tetramorium simillimum* (F.Smith), Formicidae Myrmecinae  
*Tetramorium* sp. , Formicidae Myrmecinae  
*Tetraponera anthracina* (Santschi), Formicidae  
Pseudomyrmecinae  
*Tetraponera ophthalmica* (Emery), Formicidae  
Pseudomyrmecinae  
*Tetraponera* sp. , Formicidae Pseudomyrmecinae  
*Teganopteryx* sp. , Blattellidae  
*Thelaira aurofasciata* Emden, Tachinidae  
*Thelaira nigripes* (Fabricius), Tachinidae  
*Theopompella westwoodi* (Kirby), Mantidae  
*Theraptus* sp. , Coreidae  
*Thosea* sp. , Limacodidae  
*Thysanopus fuscovenosus* (Montadon), Reduviidae  
*Thysanopus lynx* (Bergroth), Reduviidae  
*Thysanus* sp. , Signiphoridae  
*Tingiotum* sp. , Miridae  
*Tingiotum villatum* Odhiambo, Miridae  
*Togoda africana* Walker, Issidae  
*Togoda* sp. , Issidae  
*Tortrix dinota* Meyrick, Tortricidae  
*Toxoptera aurantii* (Boyer de Fonscolombe), Aphididae  
*Trachyptena nigromaculata* Hering, Limacodidae  
*Trachys* sp. , Buprestidae  
*Tragocephala castnia theobromae* Entwistle, Cerambycidae  
Lamiinae  
*Tragocephala nobilis* (Fabricius), Cerambycidae Lamiinae  
*Tribolium castaneum* Herbst, Tenebrionidae  
*Trichogramma* sp. , Trichogrammatidae  
*Triommata coccotroctes* Barnes, Cecidomyiidae

Trissolcus sp. , Scelionidae  
 Tritoma sp. , Erotylidae  
 Tropicophryne africana Compere, Encyrtidae  
 Tropicophryne melvillei Compere, Encyrtidae  
 Tropiduchus asterco Fennah, Tropiduchidae  
 Tylococcus westwoodi Strickland, Pseudococcidae  
 Udinia farquharsoni (Newstead), Coccidae  
 Urophorus humeralis (Fabricius), Nitidulidae  
 Uroxiphus maculiscutum Amyot & Serville, Membracidae  
 Usingeria mirabilis Schouteden, Aradidae  
 Uysanus nebulosa (Melichar), Flatidae  
 Velindopsis panagaeoides Burgmeister, Carabidae  
 Velleda callizona Chevrolat, Cerambycidae Lamiinae  
 Velurifictorus lepesmei (Chopard), Gryllidae  
 Vestula lineaticeps (Signoret), Reduviidae  
 Viciria equestris Simon, Salticidae  
 Viciria ocellata (Thorell), Salticidae  
 Vossia obesa Brunner, Tettigoniidae  
 Waxiella sp. near zonata (Newstead), Coccidae  
 Wolfella caternaultii Spinola, Cicadellidae  
 Xenetomorpha carpenteri Poppius, Miridae  
 Xenimpia erosa Warren, Geometridae  
 Xiphidiola aliquantula (Karsch), Tettigoniidae  
 Xiphidiola quadrimaculata (Karny), Tettigoniidae  
 Xyleborinus collarti (Eggers), Scolytidae  
 Xyleborus affinis Eichhoff, Scolytidae  
 Xyleborus alluaudi (Schaufuss), Scolytidae  
 Xyleborus perforans (Wollaston), Scolytidae  
 Xylobanus devotus Kleine, Lycidae  
 Xylosandrus compactus (Eichhoff), Scolytidae  
 Xylosandrus crassiusculus (Motschulsky), Scolytidae  
 Xystrocera laevis Jordan, Cerambycidae Cerambycinae  
 Zemioses porcatus Pascoe, Brentidae  
 Zeuctoboarmia ?smithi (Warren), Geometridae  
 Zinara recurvata Hampson, Limacodidae  
 Zonocerus variegatus (Linnaeus), Pyrgomorphidae  
**Grenada**  
 Anagyrus kamali Moursi, Encyrtidae  
 Asterolecanium pustulans (Cockerell), Asterolecaniidae  
 Cadra cautella (Walker), Pyralidae  
 Crematogaster brevispinosa var minutior Forel, Formicidae  
 Myrmecinae  
 Crematogaster sp. , Formicidae Myrmecinae  
 Dasyhelea borgmeieri Wirth & Waugh, Ceratopogonidae  
 Dysmicoccus brevipes (Cockerell), Pseudococcidae  
 Goetheana shakespearei Girault, Eulophidae  
 Kaloterme sp. , Kalotermitidae  
 Lasioderma serricorne Fabricius, Anobiidae  
 Maconellicoccus hirsutus (Green), Pseudococcidae  
 Myxomorpha breve (Sulzer), Cerambycidae Lamiinae  
 Nipaecoccus nipae (Maskell), Pseudococcidae  
 Philephedra broadwayi (Cockerell), Coccidae  
 Planococcus citri (Risso), Pseudococcidae  
 Planococcus minor (Maskell), Pseudococcidae  
 Pseudococcus longispinus (Targioni Tozzetti), Pseudococcidae  
 Pseudococcus sp. , Pseudococcidae  
 Selenothrips rubrocinctus (Giard), Thripidae  
**Guadeloupe**  
 Mixorthezia fodiens (Giard), Ortheziidae  
 Myxomorpha breve (Sulzer), Cerambycidae Lamiinae

Planococcus minor (Maskell), Pseudococcidae

## Guinea

Ancyronotus tribulus (Fabricius), Cerambycidae Lamiinae  
 Guinea, Coptops aedificator (Fabricius), Cerambycidae Lamiinae  
 Guinea, Costovia brunnea (Hustache), Curculionidae  
 Isaniris thomsoni Faust, Curculionidae  
 Lasiopezus marmoratus (Olivier), Cerambycidae Lamiinae  
 Lasiopezus sordidus (Olivier), Cerambycidae Lamiinae  
 Locusta migratoria migratorioides (Reiche & Fairmaire),  
 Acrididae

Mallodon downesi Hope, Cerambycidae Prioninae  
 Monochamus ruspator (Fabricius), Cerambycidae Lamiinae  
 Sternotomis chrysopras (Voet), Cerambycidae Lamiinae

## Guyana

Azteca instabilis (F.Smith), Formicidae Dolichoderinae  
 Azteca velox Forel, Formicidae Dolichoderinae  
 Cephalotes atratus Linnaeus, Formicidae Myrmecinae  
 Coccus viridis (Green), Coccidae  
 Daceton armigerum (Latreille), Formicidae Myrmecinae  
 Dolichoderus bidens (Linnaeus), Formicidae Dolichoderinae  
 Dysmicoccus brevipes (Cockerell), Pseudococcidae  
 Horiola picta Fabricius, Membracidae  
 Pachycondyla villosa inversa (F.Smith), Formicidae Ponerinae  
 Planococcus citri (Risso), Pseudococcidae  
 Planococcus minor (Maskell), Pseudococcidae  
 Rhabdopterus limbalis Lefebvre, Chrysomelidae Eumolpinae  
 Selenothrips rubrocinctus (Giard), Thripidae  
 Tetramorium guineense (Bernard), Formicidae Myrmecinae

## Haiti

Toxoptera aurantii (Boyer de Fonscolombe), Aphididae

## Hawaii

Dysmicoccus neobrevipes Beardsley, Pseudococcidae  
 Pheidole megacephala (Fabricius), Formicidae Myrmecinae

## Honduras

Dysmicoccus brevipes (Cockerell), Pseudococcidae  
 Oligonychus mcgregori (Baker & Pritchard), Tetranychidae

## India

Acalolepta rusticator (Fabricius), Cerambycidae Lamiinae  
 Aleiodes sp. , Braconidae  
 Apanteles (glomeratus group) sp. , Braconidae  
 Apanteles colemani Vierick, Braconidae  
 Apanteles obliquae Wilkinson, Braconidae  
 Aphis gossypii Glover, Aphididae  
 Blepharipa sp. , Tachinidae  
 Brachymeria porthetrialis Joseph Narendran & Joy, Chalcididae  
 Brevipalpus phoenicis (Geijskes), Tenuipalpidae  
 Carcelia sp. , Tachinidae  
 Chrysochroa bicolor Fabricius, Buprestidae  
 Conogethes punctiferalis (Guenee), Pyralidae  
 Darna nararia (Moore), Lymantriidae  
 Epepeotes luscus (Fabricius), Cerambycidae Lamiinae  
 Euplectrus sp. , Eulophidae  
 Euproctis subnotata (Walker), Lymantriidae  
 Exorista sp. , Tachinidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Helopeltis antonii Signoret, Miridae  
 Helopeltis bradyi Waterhouse, Miridae  
 Helopeltis sp. , Miridae  
 Helopeltis theivora Waterhouse, Miridae

*Kerria albizziae* (Green), Kerriidae  
*Lymantria ampla* (Walker), Lymantriidae  
*Lymantria obfuscata* Walker, Lymantriidae  
*Monolepta longitarsis* Jacoby, Chrysomelidae Galerucinae  
*Myllocerus curvicornis* Fabricius, Curculionidae  
*Neostauropus alternus* (Walker), Notodontidae  
*Nephantis serinopa* Meyrick, Oecophoridae  
*Oecophylla smaragdina* (Fabricius), Formicidae Formicinae  
*Oedematopoda cypris* Meyrick, Heliodinidae  
*Oligonychus biharensis* (Hirst), Tetranychidae  
*Orgyia postica* (Walker), Lymantriidae  
*Palexorista* sp. , Tachinidae  
*Pediobius imbreus* Walker, Eulophidae  
*Pericallia ricini* (Fabricius), Arctiidae  
*Planococcus citri* (Risso), Pseudococcidae  
*Planococcus lilacinus* (Cockerell), Pseudococcidae  
*Popillia complanata* Newman, Scarabaeidae Rutelinae  
*Rastrococcus iceryoides* (Green), Pseudococcidae  
*Sinoxylon atratum* Lesne, Bostrichidae  
*Xylothrips flavipes* (Illiger), Bostrichidae  
*Xystrocera festiva* Thomson, Cerambycidae Cerambycinae  
*Zeuzera coffeae* Nietner, Cossidae

### Indonesia

*Anomala obsoleta* Blanchard, Scarabaeidae Rutelinae  
*Anomala viridis* (Fabricius), Scarabaeidae Rutelinae  
*Cadra cautella* (Walker), Pyralidae  
*Euplectrus* sp. , Eulophidae  
*Heliethrips haemorrhoidalis* (Bouche), Thripidae  
*Helopeltis theivora theobromae* Miller, Miridae  
*Olenecamptus bilobus* (Fabricius), Cerambycidae Lamiinae  
*Phytorophaga ventralis* Bezzi, Tachinidae  
*Phytorus dilatatus* Jacoby, Chrysomelidae Eumolpinae  
*Serica javana* Harold, Scarabaeidae Melolonthinae  
*Stenocatantops splendens* (Thunberg), Acrididae  
*Xyleborus perforans* (Wollaston), Scolytidae  
*Xyleborus similis* Ferrari, Scolytidae

### Indonesia Bali

*Rhinoscapha amicta* (Wiedemann), Curculionidae

### Indonesia Java

*Acalolepta rusticator* (Fabricius), Cerambycidae Lamiinae  
*Acanthoecia laminati* (Heylaerts), Psychidae  
*Adoretus compressus* (Weber), Scarabaeidae Rutelinae  
*Adoretus sinicus* Burmeister, Scarabaeidae Rutelinae  
*Adoretus umbrosus* Fabricius, Scarabaeidae Rutelinae  
*Adoretus versutus* Harold, Scarabaeidae Rutelinae  
*Aegeria* sp. , Sesiidae  
*Alcidodes leeuweni* (Heller), Curculionidae  
*Aleiodes* sp. , Braconidae  
*Amyosoma leuzerae* Rohwer, Braconidae  
*Anomala anchoralis* Lansberge, Scarabaeidae Rutelinae  
*Anomala* sp. , Scarabaeidae Rutelinae  
*Anoplolepis gracilipes* (F. Smith), Formicidae Formicinae  
*Antipa* sp. , Chrysomelidae Clytrinae  
*Apanteles araeceri* Wilkinson, Braconidae  
*Aphis gossypii* Glover, Aphididae  
*Apogonia destructor* Ritsema, Scarabaeidae Melolonthinae  
*Apogonia* sp. , Scarabaeidae Melolonthinae  
*Apolepis atra* Lefevre, Chrysomelidae Eumolpinae  
*Araecerus coffeae* Fabricius, Anthribidae  
*Aspidiotus destructor* Signoret, Diaspididae

*Asteropteryx rappardi* (Hille Ris Lambers), Aphididae  
*Autoba lilacina* Warren, Noctuidae  
*Bengalia varicolor* (Fabricius), Calliphoridae  
*Brachycyttarus reijnvaanii* (Leeuwen), Psychidae  
*Brahmina* sp. , Scarabaeidae Melolonthinae  
*Buysmana cryptus* (Tosq.), Ichneumonidae  
*Carpophilus* sp. , Nitidulidae  
*Cervaphis schouteniae* Van der Goot, Aphididae  
*Chaetexorista* sp. , Tachinidae  
*Chalcoscelides castaneipars* Moore, Limacodidae  
*Chalioides sumatrensis* (Heylaerts), Psychidae  
*Cherometia lohor* (Moore), Limacodidae  
*Chloracris prasina* Pictot & Saussure, Tettigoniidae  
*Chlorocryptus* sp. , Ichneumonidae  
*Chrysochroa bicolor* Fabricius, Buprestidae  
*Chrysochroa fulminans* Fabricius, Buprestidae  
*Coccus viridis* (Green), Coccidae  
*Conogethes punctiferalis* (Guenee), Pyralidae  
*Conopomorpha cramerella* (Snellen), Gracillariidae  
*Cotesia taprobanae* (Cameron), Braconidae  
*Darna trima* Moore, Limacodidae  
*Diaglyptidea roepkei* Viereck, Ichneumonidae  
*Dolichoderus thoracicus* (F. Smith), Formicidae Dolichoderinae  
*Eccoptopterus spinosus* (Olivier), Scolytidae  
*Ectropis crepuscularia* (Denis & Schiffermuller), Geometridae  
*Endoclita damor* (Moore), Hepialidae  
*Epepeotes luscus* (Fabricius), Cerambycidae Lamiinae  
*Epepeotes meridianus* Pascoe, Cerambycidae Lamiinae  
*Ephestia elutella* (Hubner), Pyralidae  
*Euderus torymoides* (Ferriere), Eulophidae  
*Eumeta crameri* (Westwood), Psychidae  
*Eumeta variegata* (Snellen), Psychidae  
*Euphitrea wallacei* Baly, Chrysomelidae Halticinae  
*Euphorus helopeltidis* Ferriere, Braconidae  
*Euplectromorpha malayensis* Ferriere, Eulophidae  
*Euwallacea destruens* (Blandford), Scolytidae  
*Euwallacea fornicatus* (Eichhoff), Scolytidae  
*Euwallacea laevis* (Eggers), Scolytidae  
*Exallomochlus hispidus* (Morrison), Pseudococcidae  
*Exopholis hypoleuca* (Wiedemann), Scarabaeidae Melolonthinae  
*Ferrisia virgata* (Cockerell), Pseudococcidae  
*Fornicia* sp. , Braconidae  
*Glenea novemguttata* Castelnau, Cerambycidae Lamiinae  
*Glenea* sp. , Cerambycidae Lamiinae  
*Goryphus fasciatipennis* (Szepliget), Ichneumonidae  
*Goryphus mesoxanthus* (Brulle), Ichneumonidae  
*Helopeltis antonii* Signoret, Miridae  
*Helopeltis cinchonae* Mann, Miridae  
*Helopeltis clavifer* Walker, Miridae  
*Helopeltis theivora* Waterhouse, Miridae  
*Holotrichia* sp. , Scarabaeidae Melolonthinae  
*Homona nubiferana* Walker, Tortricidae  
*Hyposidra* sp. , Geometridae  
*Hypothenemus eruditus* (Westwood), Scolytidae  
*Indarbela acutistriata* (Mell.), Metarbelidae  
*Indarbela tetraonis* (Moore), Metarbelidae  
*Lasioderma serricorne* Fabricius, Anobiidae  
*Lawana candida* (Fabricius), Flatidae  
*Maconellicoccus hirsutus* (Green), Pseudococcidae  
*Mahasena corbetti* Tams, Psychidae

*Maladera javana* (Harold), Scarabaeidae Melolonthinae  
*Maladera spinosa* (Brenske), Scarabaeidae Melolonthinae  
*Masicera* sp. , Tachinidae  
*Megachile* sp. , Megachilidae  
*Mesostenus* sp. , Ichneumonidae  
*Meteorus* sp. , Braconidae  
*Milothris irrorata* (Fabricius), Cerambycidae Lamiinae  
*Miresa bracteata* Butler, Limacodidae  
*Misracoccus convexus* (Morrison), Margarodidae  
*Monochamus lateralis* Guerin-Meneville, Cerambycidae Lamiinae  
*Myrmicaria arachnoides* (F.Smith), Formicidae Myrmecinae  
*Neocollyris bonellii* (Guerin-Meneville), Cicindelidae  
*Neodryinus javanus* (Roepke), Dryinidae  
*Neorthaea micans* (Baly), Chrysomelidae Halticinae  
*Neostauropus alternus* (Walker), Notodontidae  
*Nisotra gemella* (Erichson), Chrysomelidae Halticinae  
*Nisotra rotundata* Jacoby, Chrysomelidae Halticinae  
*Pagodiella hekmeyeri* (Heylaerts), Psychidae  
*Paraphylax erythronota* (Viereck), Ichneumonidae  
*Parasa lepida* Cramer, Limacodidae  
*Pelargoderus bipunctatus* (Dalman), Cerambycidae Lamiinae  
*Pelargoderus* sp. , Cerambycidae Lamiinae  
*Peltotrachelus isabellinus* Boheman, Curculionidae  
*Planococcus citri* (Risso), Pseudococcidae  
*Planococcus lilacinus* (Cockerell), Pseudococcidae  
*Platymyteropsis subvirens* (Boheman), Curculionidae  
*Platyplectrus orthocraspedae* Ferriere, Eulophidae  
*Popillia biguttata* (Wiedemann), Scarabaeidae Rutelinae  
*Prosenia siberita* Fabricius, Tachinidae  
*Pseudaplosnyx caeruleipennis* Duvivier, Chrysomelidae Galerucinae  
*Pseudococcus longispinus* (Targioni Tozzetti), Pseudococcidae  
*Pseudophytoscaphus triangularis* (Olivier), Curculionidae  
*Pterolophia melanura* Pascoe, Cerambycidae Lamiinae  
*Ptilocerus venosus* Walker, Reduviidae  
*Rhinoscapha amicta* (Wiedemann), Curculionidae  
*Sathon belippae* (Rohwer), Braconidae  
*Scopelodes unicolor* Westwood, Limacodidae  
*Serica* sp. , Scarabaeidae Melolonthinae  
*Setora nitens* Walker, Limacodidae  
*Spalgis epeus* (Westwood), Lycaenidae  
*Spinaria armator* (Fabricius), Braconidae  
*Sthenias varius* Olivier, Cerambycidae Lamiinae  
*Synanthedon hector* (Butler), Sesiidae  
*Typhaea stercorea* (Linnaeus), Mycetophagidae  
*Typhlocyba erythrinae* Koningsberger, Cicadellidae  
*Valanga nigricornis melanocornis* (Serville), Acrididae  
*Xyleborinus andrewesi* (Blandford), Scolytidae  
*Xyleborus affinis* Eichhoff, Scolytidae  
*Xyleborus haberkorni* Eggers, Scolytidae  
*Xylosandrus morigerus* (Blandford), Scolytidae  
*Xystrocera festiva* Thomson, Cerambycidae Cerambycinae  
*Xystrocera globosa* (Olivier), Cerambycidae Cerambycinae  
*Zeuzera coffeae* Nietner, Cossidae  
*Zeuzera conferta* Walker, Cossidae

### Indonesia Kalimantan

*Conopomorpha cramerella* (Snellen), Gracillariidae  
*Endoclita damor* (Moore), Hepialidae

### Indonesia Sulawesi

*Agathodes caliginosalis* Snellen, Meenoplidae  
*Amarygmus discretus* Bremer, Tenebrionidae  
*Anoplolepis gracilipes* (F.Smith), Formicidae Formicinae  
*Anthelephila* sp. , Anthicidae  
*Apogonia varievstis* Heller, Scarabaeidae Melolonthinae  
*Conopomorpha cramerella* (Snellen), Gracillariidae  
*Crematogaster* sp. , Formicidae Myrmecinae  
*Demotina* sp. , Chrysomelidae Eumolpinae  
*Dolichoderus* sp. , Formicidae Dolichoderinae  
*Exallomochlus sulawesicus* Williams, Pseudococcidae  
*Helopeltis* sp. , Miridae  
*Helopeltis sulawesi* Stonedahl, Miridae  
*Monolepta jacobyi* Weise, Chrysomelidae Galerucinae  
*Paratrechina* sp. , Formicidae Formicinae  
*Polyrhachis* sp. , Formicidae Formicinae  
*Rhynchium haemorrhoidale* (Fabricius), Eumenidae  
*Tribolium castaneum* Herbst, Tenebrionidae

### Indonesia Sumatra

*Conopomorpha cramerella* (Snellen), Gracillariidae  
*Cotesia taprobanae* (Cameron), Braconidae  
*Endoclita damor* (Moore), Hepialidae  
*Eumeta crameri* (Westwood), Psychidae  
*Exallomochlus hispidus* (Morrison), Pseudococcidae  
*Helopeltis antonii* Signoret, Miridae  
*Helopeltis sumatranus* Roepke, Miridae  
*Helopeltis theivora* Waterhouse, Miridae  
*Mahasena corbetti* Tams, Psychidae  
*Neostauropus alternus* (Walker), Notodontidae  
*Orgyia postica* (Walker), Lymantriidae  
*Pagodiella hekmeyeri* (Heylaerts), Psychidae  
*Telenomus* sp. , Scelionidae

### Indonesia West Irian

*Acanthotyla distinguenda* Blote, Coreidae  
*Alcidodes australis* (Boisduval), Curculionidae  
*Amatissa* sp. , Psychidae  
*Amyna octo* (Guenee), Noctuidae  
*Asterolecanium neoguineense* Williams & Watson, Asterolecaniidae  
*Asura reticulata* (Felder), Arctiidae  
*Cardiophthalmus sexspinosus* Assmann, Pentatomidae  
*Ceresium discicolle* Gressitt, Cerambycidae Cerambycinae  
*Colgar elatum* Medler, Flatidae  
*Conopomorpha cramerella* (Snellen), Gracillariidae  
*Cypriola tincturata* Pascoe, Cerambycidae Lamiinae  
*Deretrichia hincksi* Selman, Chrysomelidae Eumolpinae  
*Deretrichia* sp. , Chrysomelidae Eumolpinae  
*Dingkana* sp. , Membracidae  
*Eumeta crameri* (Westwood), Psychidae  
*Eumeta variegata* (Snellen), Psychidae  
*Eupholus semicoeruleus* Heller, Curculionidae  
*Euricania discigutta* var. *bisignata* Melichar, Ricaniidae  
*Euricania morio* Melichar, Ricaniidae  
*Euricania* sp. near *morio* Melichar, Ricaniidae  
*Exorista thomasi* Mesnil, Tachinidae  
*Glenea lefeburei* (Guerin-Meneville), Cerambycidae Lamiinae  
*Helicoverpa armigera* (Hubner), Noctuidae  
*Heliethrips haemorrhoidalis* (Bouche), Thripidae  
*Helopeltis antonii* Signoret, Miridae  
*Helopeltis clavifer* Walker, Miridae

*Homona trachyptera* Diakonoff, Tortricidae  
*Hyalobathra miniosalis* Guenee, Pyralidae  
*Kotochalia* sp. , Psychidae  
*Lepidiota* sp. , Scarabaeidae Melolonthinae  
*Lepidiota* sp. near *vogeli* Brenske, Scarabaeidae Melolonthinae  
*Lepidiota stigma* (Fabricius), Scarabaeidae Melolonthinae  
*Mallderma* sp. , Cerambycidae Lamiinae  
*Megachile frontalis* (Fabricius), Megachilidae  
*Neocromna* sp. , Flatidae  
*Orgyia postica* (Walker), Lymantriidae  
*Oribius* sp. near *improvidus* (Marshall), Curculionidae  
*Orthorhinus cylindrirostris* (Fabricius), Curculionidae  
*Pagodiella hekmeyeri* (Heylaerts), Psychidae  
*Panseptia teleturga* Meyrick, Oecophoridae  
*Parecatops costalis* (Walker), Pyrrhocoridae  
*Phytorus destructor* Jacoby, Chrysomelidae Eumolpinae  
*Planococcus citri* (Risso), Pseudococcidae  
*Planococcus lilacinus* (Cockerell), Pseudococcidae  
*Pseudodoniella laensis* Miller, Miridae  
*Pseudodoniella typica* (China & Carvalho), Miridae  
*Pterolophia duplicator* Pascoe, Cerambycidae Lamiinae  
*Pterolophia terrea* Pascoe, Cerambycidae Lamiinae  
*Pterolophia variabilis disjuncta* Pascoe, Cerambycidae Lamiinae  
*Pteroma plagiophleps* (Hampson), Psychidae  
*Rhinoscapha striatopunctata* (Guerin-Meneville), Curculionidae  
*Rhyparida* sp. , Chrysomelidae Eumolpinae  
*Ricanula horvathi* (Melichar), Ricaniidae  
*Ricanula puncticosta* (Walker), Ricaniidae  
*Sciophyrus fasciata* Walker, Coreidae  
*Sephena* sp. , Flatidae  
*Sephena spargula* (Walker), Flatidae  
*Sphaeropterus albolineatus* Guerin-Meneville, Curculionidae  
*Spodoptera litura* (Fabricius), Noctuidae  
*Taparella amata* (Walker), Flatidae  
*Taparella errudiata* (Melichar), Flatidae  
*Taparella roseoalba* (Melichar), Flatidae  
*Tmesisternus tersus* Pascoe, Cerambycidae Lamiinae  
*Toxoptera aurantii* (Boyer de Fonscolombe), Aphididae  
*Valanga gohieri* Le Guillou, Acrididae  
*Xanthocryptus vesiculosus* (Brulle), Ichneumonidae  
*Xyleborus quadrispinosulus* Eggers, Scolytidae  
*Xyleborus similis* Ferrari, Scolytidae  
*Xylosandrus discolor posticestriatus* (Eggers), Scolytidae  
*Zeuzera coffeae* Nietner, Cossidae

### Ivory Coast

*Acanthopsyche* sp. , Psychidae  
*Achaea catocaloides* Guenee, Noctuidae  
*Acmocera conjux* Thomson, Cerambycidae Lamiinae  
*Acorynus calcaratus* Jordan, Anthribidae  
*Acorynus geometricus* Jordan, Anthribidae  
*Acraea lycoa* Godart, Nymphalidae  
*Acraea zetes* Linnaeus, Nymphalidae  
*Acrosternum punctatorugosa* Stal, Pentatomidae  
*Adoretus umbrosus* Fabricius, Scarabaeidae Rutelinae  
*Adosagria pubens* Fairmaire, Lagriidae  
*Aenasius abengouroui* (Risbec), Encyrtidae  
*Afroeurymedus decellei* Selman, Chrysomelidae Eumolpinae  
*Allotropa magnini* Risbec, Platygasteridae  
*Alpenus schraderi rattrayi* (Rothschild), Arctiidae  
*Altica inaequalis* (Allard), Chrysomelidae Halticinae

*Anagyrus kivuensis* Compere, Encyrtidae  
*Anagyrus subproximus* (Silvestri), Encyrtidae  
*Anomala denuda* Arrow, Scarabaeidae Rutelinae  
*Anomis leona* Schaus, Noctuidae  
*Anomis* sp. , Noctuidae  
*Antilochus boerhaviae* (Fabricius), Pyrrhocoridae  
*Apanteles biplagae* Fischer, Braconidae  
*Apanteles carterus* Walker, Braconidae  
*Apate monachus* Fabricius, Bostrichidae  
*Apate terebrans* (Pallas), Bostrichidae  
*Apogonia conradtiana* D.Torre, Scarabaeidae Melolonthinae  
*Apogonia virescens* Duvivier, Scarabaeidae Melolonthinae  
*Argyrogramma signata* (Fabricius), Noctuidae  
*Ascotis selenaria reciprocaria* Walker, Geometridae  
*Aserica* sp. , Scarabaeidae Melolonthinae  
*Asura atricraspeda* Hampson, Arctiidae  
*Atelocera armata* Laporte, Pentatomidae  
*Atelocera serrata* (Fabricius), Pentatomidae  
*Atelocera* sp. , Pentatomidae  
*Automolis erubescens* (Walker), Arctiidae  
*Balacra testacea* Aurivillius, Arctiidae  
*Bathycoelia ovalis* Stal, Pentatomidae  
*Bathycoelia thalassina* (Herrich-Schaffer), Pentatomidae  
*Blosyrus similis* Hustache, Curculionidae  
*Bonesia quinquepunctata* (Klug), Chrysomelidae Galerucinae  
*Bostrychoplites productus* (Imhoff), Bostrichidae  
*Boxia khayae* Miridae  
*Brachymeria minuta* (Linnaeus), Chalcididae  
*Brachytrupes membranaceus* (Drury), Gryllidae  
*Bryochaeta confusa* Roudier, Curculionidae  
*Bryochaeta interrupta* Faust, Curculionidae  
*Bryochaeta lavabrei* Hoffman, Curculionidae  
*Bryochaeta pusilla* (Pascoe), Curculionidae  
*Bryochaeta quadrimaculata* Faust, Curculionidae  
*Bryochaeta* sp. , Curculionidae  
*Bryocoropsis laticollis* Schumacher, Miridae  
*Cadra cautella* (Walker), Pyralidae  
*Callibaphus longirostris* (Drury), Pyrrhocoridae  
*Camponotus* sp. , Formicidae Formicinae  
*Carbula* sp. , Pentatomidae  
*Carcelia* sp. , Tachinidae  
*Cautires* sp. , Lycidae  
*Cenocoelius* sp. , Braconidae  
*Ceratitis punctata* (Wiedemann), Tephritidae  
*Ceroplastes quadrilineatus* Newstead, Coccidae  
*Ceroplastes toddaliae* Hall, Coccidae  
*Characoma stictigrapta* Hampson, Nolidae  
*Chariesthes bella* (Dalman), Cerambycidae Lamiinae  
*Charops* sp. , Ichneumonidae  
*Chartocerus ?elongatus* (Girault), Signiphoridae  
*Cheiloneurus carinatus* Compere, Encyrtidae  
*Chelyophyes angulatus* (Hustache), Curculionidae  
*Chinaria punctato-rugosa* (Stal), Pentatomidae  
*Chrysolagria cuprina* (Thomson), Lagriidae  
*Cleora* sp. , Geometridae  
*Cleora tulbaghata* (Felder), Geometridae  
*Cletus unifasciatus* (Blote), Coreidae  
*Coccotrypes confusus* (Eggers), Scolytidae  
*Colocleora divisaria* (Walker), Geometridae  
*Coptops aedificator* (Fabricius), Cerambycidae Lamiinae



- Coptotermes sjostedti Holmgren, Rhinotermitidae  
 Corcyra cephalonica (Stainton), Pyralidae  
 Cordylomera spinicornis Fabricius, Cerambycidae Cerambycinae  
 Corynetes abdominalis Fabricius, Cleridae  
 Corynodes azureus Sahlberg, Chrysomelidae Eumolpinae  
 Costovia brunnea (Hustache), Curculionidae  
 Cotesia ruficrus (Haliday), Braconidae  
 Crematogaster africana Mayr, Formicidae Myrmecinae  
 Crematogaster sp. , Formicidae Myrmecinae  
 Cryphaeus taurus Fabricius, Tenebrionidae  
 Crypticerya caudatus (Newstead), Margarodidae  
 Cryptotermes havilandi (Sjostedt), Kalotermitidae  
 Cryptotermes sp. , Kalotermitidae  
 Ctenolita pyrosomoides (Holland), Limacodidae  
 Derolagria guineensis (Borchsenius), Lagriidae  
 Diacantha melanoptera (Thomson), Chrysomelidae Galerucinae  
 Distantiella theobroma (Distant), Miridae  
 Earias biplaga Walker, Nolidae  
 Empoasca sp. , Cicadellidae  
 Engistoneura moerans (Fabricius), Platystomatidae  
 Epicerastes subcostalis Quedenfeldt, Anthribidae  
 Euchromia lethe Fabricius, Arctiidae  
 Eulophonotus myrmeleon (Felder), Cossidae  
 Euplectrus laphygmae Ferriere, Eulophidae  
 Euproctis fasciata Walker, Lymantriidae  
 Euproctis pygmaea Walker, Lymantriidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Forcipomyia ashantii Ingram & Macfie, Ceratopogonidae  
 Forcipomyia litoraurea (Ingram & Macfie), Ceratopogonidae  
 Forcipomyia psilonota (Kieffer), Ceratopogonidae  
 Formicococcus njalensis (Laing), Pseudococcidae  
 Frea curta (Chevrolat), Cerambycidae Lamiinae  
 Gabonia theobromae (Bryant), Chrysomelidae Halticinae  
 Glenea giraffa (Dalman), Cerambycidae Lamiinae  
 Gonobombyx angulata Aurivillius, Lasiocampidae  
 Gryllotalpa africana Palisot de Beauvois, Gryllotalpidae  
 Helopeltis lalandei (Carayon), Miridae  
 Helopeltis poppiusi Schmitz, Miridae  
 Helopeltis seredensis Schmitz, Miridae  
 Hippotion eson Cramer, Sphingidae  
 Homoeocerus ignotus Schoutedden, Coreidae  
 Hypothenemus arecae (Hornung), Scolytidae  
 Hypothenemus concolor (Hagedorn), Scolytidae  
 Hypothenemus eruditus (Westwood), Scolytidae  
 Hypothenemus hampei (Ferrari), Scolytidae  
 Hypothenemus mulongensis Eggers, Scolytidae  
 Hypothenemus solitarius (Schedl), Scolytidae  
 Imbrasia dione (Fabricius), Saturniidae  
 Isaniris sp. , Curculionidae  
 Isaniris viridimicans Thomson, Curculionidae  
 Ischnomias donckieri Faust, Curculionidae  
 Ischnotrachelus abidjanensis Hoffman, Curculionidae  
 Ischnotrachelus alternatus Heller, Curculionidae  
 Ischnotrachelus concinnus Faust, Curculionidae  
 Ischnotrachelus dorsalis Chevrolat, Curculionidae  
 Ischnotrachelus sp. , Curculionidae  
 Ithiporus stolidus Hustache, Curculionidae  
 Lamprocopa occidentalis (Weise), Chrysomelidae Galerucinae  
 Lampyrus lateapicalis Pic, Lampyridae  
 Laspeyresia sp. , Tortricidae  
 Latoia vivida (Walker), Limacodidae  
 Lavabrenymus armatus Roff., Curculionidae  
 Leptaulaca vinula Erichson, Chrysomelidae Galerucinae  
 Leptomastix dactylopii Howard, Encyrtidae  
 Leptophloeus sp. , Laemophloeidae  
 Lycus latissimus (Linnaeus), Lycidae  
 Macrotermes bellicosus (Smeathman), Termitidae  
 Maladera sp. , Scarabaeidae Melolonthinae  
 Mallodon downesi Hope, Cerambycidae Prioninae  
 Mechistocerus planidorsis Hustache, Curculionidae  
 Mecocerus disparipes Imhoff, Anthribidae  
 Mecocerus mechowi Quedenfeldt, Anthribidae  
 Megaselia scalaris (Loew), Phoridae  
 Mesohomotoma tessmanni (Aulmann), Psyllidae  
 Mezira sp. , Aradidae  
 Microcerotermes edentatus Wasmann, Termitidae  
 Microcymatura antennalis Breuning, Cerambycidae Lamiinae  
 Monolepta elegans Allard, Chrysomelidae Galerucinae  
 Monolepta metallica Jacoby, Chrysomelidae Galerucinae  
 Monolepta theobromae Bryant, Chrysomelidae Galerucinae  
 Mormotus sp. , Tettigoniidae  
 Mussidia nigrivenella Ragonot, Pyralidae  
 Nasutitermes sp. , Termitidae  
 Necrobia rufipes DeGeer, Cleridae  
 Neotermes aburiensis Sjostedt, Kalotermitidae  
 Neotocerus fausti Duvivier, Curculionidae  
 Niphobleta niveosparsa Kraatz, Scarabaeidae Cetoniinae  
 Novodictya punctata Lallemand, Fulgoridae  
 Odoniella rubra Reuter, Miridae  
 Oecophylla longinoda (Latreille), Formicidae Formicinae  
 Olene mendosa (Hubner), Lymantriidae  
 Ophion sp. , Ichneumonidae  
 Orfilaia vulsellata (Gyllenhal), Brentidae  
 Orphanobrenthus picipes Olivier, Brentidae  
 Oxyptilus sp. , Pterophoridae  
 Palaeocorynus dorsalis Faust, Curculionidae  
 Palaeocorynus femoratus Faust, Curculionidae  
 Paraivongius costatus (Jacoby), Chrysomelidae Eumolpinae  
 Paraivongius mouyassuensis Selman, Chrysomelidae Eumolpinae  
 Paraivongius murrayi (Baly), Chrysomelidae Eumolpinae  
 Paraivongius parvulus (Jacoby), Chrysomelidae Eumolpinae  
 Paraivongius pidigalaensis Selman, Chrysomelidae Eumolpinae  
 Parapoderus clivicollis Marshall, Attelabidae  
 Parapoderus flavoebenus (Thomson), Attelabidae  
 Parasa sp. , Limacodidae  
 Parasaissetia nigra (Nietner), Coccidae  
 Parastictococcus anonae (Green & Laing), Stictococcidae  
 Parastictococcus gowdeyi (Newstead), Stictococcidae  
 Parastictococcus hargreavesi (Vayssiere), Stictococcidae  
 Parastictococcus multispinosus (Newstead), Stictococcidae  
 Peribaea mitis Curran, Tachinidae  
 Peristenus sahlbergellae (Wilkinson), Braconidae  
 Phaeocyclotomus sp. , Cleridae  
 Pheidole megacephala (Fabricius), Formicidae Myrmecinae  
 Phenacoccus hargreavesi (Laing), Pseudococcidae  
 Phloeotragus hottentotus imhoffi Boheman, Anthribidae  
 Phygasia concolor Fabricius, Chrysomelidae Halticinae  
 Planococcus citri (Risso), Pseudococcidae  
 Planococcus kenya (Le Pelley), Pseudococcidae

Platystomos ornaticollis Jordan, Anthribidae  
 Platyxantha theobromae Bryant, Chrysomelidae Galerucinae  
 Plocaederus basalis Gahan, Cerambycidae Cerambycinae  
 Plodia interpunctella (Hubner), Pyralidae  
 Polyptychus carteri Butler, Sphingidae  
 Popillia femoralis Klug, Scarabaeidae Rutelinae  
 Praeugena aurichalcea Quedenfeldt, Tenebrionidae  
 Prochiloneurus aegyptiacus (Mercet), Encyrtidae  
 Proictes curvipes Boheman, Curculionidae  
 Propsephus brevipennis Candeze, Elateridae  
 Propsephus sp. , Elateridae  
 Psephus sp. , Elateridae  
 Pseudococcus concavocerarii James, Pseudococcidae  
 Pseudomela murrayi Baly, Chrysomelidae Chrysomelinae  
 Pseudotrochalus concolor Kolbe, Scarabaeidae Melolonthinae  
 Ptyelus sp. , Aphrophoridae  
 Puliciphora borinquensis Wheeler, Phoridae  
 Rhadinocopes echinatus Marshall, Curculionidae  
 Sahlbergella singularis Haglund, Miridae  
 Scolochirus armatipes Marshall, Curculionidae  
 Scolochirus dentipes (Hustache), Curculionidae  
 Scopula sp. , Geometridae  
 Selenothrips rubrocinctus (Giard), Thripidae  
 Selepa sp. , Nolidae  
 Solindenia sp. , Eupelmidae  
 Spodoptera littoralis (Boisduval), Noctuidae  
 Spulerina sp. , Gracillariidae  
 Stictococcus intermedius Newstead, Stictococcidae  
 Stictococcus sjostedti Cockerell, Stictococcidae  
 Stroteroides nigrisignata Strand, Limacodidae  
 Sygarus sp. , Chrysomelidae Eumolpinae  
 Syllepte retractalis (Hampson), Pyralidae  
 Syntaphocerus pusillus Lona, Curculionidae  
 Systates amabilis Faust, Curculionidae  
 Tenebroides mauritanicus Linnaeus, Tenebrionidae  
 Tetramorium aculeatum (Mayr), Formicidae Myrmecinae  
 Tortrix dinota Meyrick, Tortricidae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
 Tragocephala castnia theobromae Entwistle, Cerambycidae  
 Lamiinae  
 Tragocephala modesta Fairmaire, Cerambycidae Lamiinae  
 Tragocephala nobilis (Fabricius), Cerambycidae Lamiinae  
 Tribolium castaneum Herbst, Tenebrionidae  
 Trichalus sp. , Lycidae  
 Trichogrammatoidea lutea (Girault), Trichogrammatidae  
 Tropicophryne africana Compere, Encyrtidae  
 Tylococcus westwoodi Strickland, Pseudococcidae  
 Xanthochelus vulneratus (Boheman), Curculionidae  
 Xyleborus alluaudi (Schaufuss), Scolytidae  
 Xyleborus ficus Eggers, Scolytidae  
 Xylobanus sp. , Lycidae  
 Xyloperthella scutula (Lesne), Bostrichidae  
 Xylosandrus compactus (Eichhoff), Scolytidae  
 Xylosandrus crassiusculus (Motschulsky), Scolytidae  
 Zenilliana sp. , Tachinidae  
 Zonocerus variegatus (Linnaeus), Pyrgomorphidae

### Jamaica

Apate terebrans (Pallas), Bostrichidae  
 Aphis gossypii Glover, Aphididae  
 Asterolecanium epidendri (Bouche), Asterolecaniidae

Asterolecanium pustulans (Cockerell), Asterolecaniidae  
 Cadra cautella (Walker), Pyralidae  
 Crematogaster brevispinosa Mayr, Formicidae Myrmecinae  
 Ephestia elutella (Hubner), Pyralidae  
 Exophthalmus vittatus (Linnaeus), Curculionidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Lasioderma serricorne Fabricius, Anobiidae  
 Myoxomorpha breve (Sulzer), Cerambycidae Lamiinae  
 Pachnaeus litus (Germar), Curculionidae  
 Phyllophaga sp. , Scarabaeidae Melolonthinae  
 Planococcus minor (Maskell), Pseudococcidae  
 Selenothrips rubrocinctus (Giard), Thripidae  
 Termatophylidea pilosa Reuter & Poppius, Miridae

### Kenya

Nipaeococcus viridis (Newstead), Pseudococcidae  
 Zonocerus variegatus (Linnaeus), Pyrgomorphidae

### Liberia

Formicococcus njalensis (Laing), Pseudococcidae

### Madagascar

Alcidodes olivaceus (Gerstaeker), Curculionidae  
 Bifiditermes madagascariensis (Wassmann), Kalotermitidae  
 Boxiopsis madagascariensis Lavabre, Miridae  
 Cycloteres socius Hustache, Curculionidae  
 Cycloteres variegatus Hustache, Curculionidae  
 Enaria melanictera (Klug), Scarabaeidae Melolonthinae  
 Heteronychus plebejus (Klug), Scarabaeidae Dynastinae  
 Pheloticus costatipennis (Jacoby), Chrysomelidae Eumolpinae  
 Planococcus lilacinus (Cockerell), Pseudococcidae  
 Pseudoaonidia trilobitiformis (Green), Diaspididae  
 Stigmatrachelus striatogemellatus Boheman, Curculionidae  
 Stigmatrachelus tibialis Hustache, Curculionidae

### Malaysia Sabah

Acrocercops sp. , Gracillariidae  
 Ahasverus advena (Waltl), Silvanidae  
 Anoplolepis gracilipes (F. Smith), Formicidae Formicinae  
 Brachycyrtarus griseus Joannis, Psychidae  
 Bracon sp. , Braconidae  
 Brevipalpus phoenicis (Geijskes), Tenuipalpidae  
 Camponotus sp. , Formicidae Formicinae  
 Camponotus sp. near inconspicuus Mayr, Formicidae Formicinae  
 Ceroplastes floridensis Comstock, Coccidae  
 Cerosterna sp. , Cerambycidae Lamiinae  
 Cerosterna sp. near pollinosa Buquet, Cerambycidae Lamiinae  
 Coccus viridis (Green), Coccidae  
 Conopomorpha cramerella (Snellen), Gracillariidae  
 Crematogaster sp. , Formicidae Myrmecinae  
 Crisicoccus theobromae Williams & Watson, Pseudococcidae  
 Dappula tertia (Templeton), Psychidae  
 Diplomorium sp. , Formicidae Myrmecinae  
 Dolichoderus sp. , Formicidae Dolichoderinae  
 Dolichoderus thoracicus (F. Smith), Formicidae Dolichoderinae  
 Doloessa viridis (Zeller), Pyralidae  
 Drosicha mangiferae (Green), Margarodidae  
 Dundubia rufivena Walker, Cicadidae  
 Dysdercus cingulatus (Fabricius), Pyrrhocoridae  
 Dysmicoccus grassii (Leonardi), Pseudococcidae  
 Empoasca sp. , Cicadellidae  
 Endoclita hosei (Tindale), Hepialidae  
 Eumeta crameri (Westwood), Psychidae

*Eumeta variegata* (Snellen), Psychidae  
*Exallomochlus camur* Williams, Pseudococcidae  
*Exallomochlus hispidus* (Morrison), Pseudococcidae  
*Ferrisia virgata* (Cockerell), Pseudococcidae  
*Helopeltis clavifer* Walker, Miridae  
*Helopeltis fasciaticollis* Poppius, Miridae  
*Hemiberlesia palmae* (Morgan & Cockerell), Diaspididae  
*Homoeocerus* sp. , Coreidae  
*Homophylotis* sp. , Zygaenidae  
*Hyposidra talaca* (Walker), Geometridae  
*Indarbela disciplaga* Swinhoe, Metarbelidae  
*Iphiaulax* sp. , Braconidae  
*Lebeda intermedia* Holloway, Lasiocampidae  
*Leptocorisa lepida* Breddon, Coreidae  
*Lophomyrmex bedoti* Emery, Formicidae Myrmecinae  
*Mahasena* sp. near *aurea* (Butler), Psychidae  
*Menida* sp. , Pentatomidae  
*Meranoplus belli* Forel, Formicidae Myrmecinae  
*Metisa plana* Walker, Psychidae  
*Myrmicaria brunnea* Saunders, Formicidae Myrmecinae  
*Narycia* sp. , Psychidae  
*Nisitrus vittatus* (De Haan), Gryllidae  
*Oecophylla smaragdina* (Fabricius), Formicidae Formicinae  
*Pagodiella hekmeyeri* (Heylaerts), Psychidae  
*Paratrechina* sp. , Formicidae Formicinae  
*Pediobius elasmii* (Ashmead), Eulophidae  
*Pheidole* sp. , Formicidae Myrmecinae  
*Philidris myrmecodiae* (Emery), Formicidae Dolichoderinae  
*Physopelta gutta* (Burmeister), Pyrrhocoridae  
*Planococcus citri* (Risso), Pseudococcidae  
*Planococcus lilacinus* (Cockerell), Pseudococcidae  
*Planococcus minor* (Maskell), Pseudococcidae  
*Platygomiriodes apiformis* Ghauri, Miridae  
*Polyrhachis armata* (Le Guillon), Formicidae Formicinae  
*Polyrhachis dives* F.Smith, Formicidae Formicinae  
*Promyrmococcus wayi* Williams, Pseudococcidae  
*Pteroma pendula* (De Joannis), Psychidae  
*Pygoplatys* sp. , Pentatomidae  
*Rhyparida iridipennis* Jacoby, Chrysomelidae Eumolpinae  
*Slichia bala* Gauld, Ichneumonidae  
*Technomyrmex albipes* (F.Smith), Formicidae Dolichoderinae  
*Technomyrmex elatior* Forel, Formicidae Dolichoderinae  
*Tetraponera nigra* (Jerdon), Formicidae Pseudomyrmecinae  
*Thaneroclerus buqueti* (Lefebvre), Cleridae  
*Tribolium castaneum* Herbst, Tenebrionidae  
*Trichogrammatoidea bactrae fumata* Nagaraja,  
     Trichogrammatidae  
*Trichogrammatoidea bactrae* Nagaraja, Trichogrammatidae  
*Zeuzera coffeae* Nietner, Cossidae  
*Zeuzera conferta* Walker, Cossidae

### Malaysia Sarawak

*Alphitobius* sp. , Tenebrionidae  
*Araecerus coffeae* Fabricius, Anthribidae  
*Conopomorpha cramerella* (Snellen), Gracillariidae  
*Cryptophlebia encarpa* Meyrick, Tortricidae  
*Endoclita hosei* (Tindale), Hepialidae  
*Ferrisia virgata* (Cockerell), Pseudococcidae  
*Helopeltis clavifer* Walker, Miridae  
*Planococcus minor* (Maskell), Pseudococcidae  
*Tribolium castaneum* Herbst, Tenebrionidae

*Zeuzera* sp. , Cossidae

### Martinique

*Myoxomorpha breve* (Sulzer), Cerambycidae Lamiinae

### Mexico

*Amphicranus spectus* Wood, Scolytidae  
*Aphis craccivora* Koch, Aphididae  
*Ceraeochrysa* sp. , Chrysopidae  
*Clastoptera globosa* Fowler, Clastopteridae  
*Clastoptera laenata* Fowler, Clastopteridae  
*Dysmicoccus grassii* (Leonardi), Pseudococcidae  
*Ectatomma tuberculatum* (Olivier), Formicidae Ponerinae  
*Ferrisia virgata* (Cockerell), Pseudococcidae  
*Forcipomyia luteigenua* Wirth & Spinelli, Ceratopogonidae  
*Frankliniella parvula* Hood, Thripidae  
*Franklinothrips vespiformis* (Crawford), Aeolothripidae  
*Heliethrips haemorrhoidalis* (Bouche), Thripidae  
*Hemeroblemma mexicana* (Guenee), Noctuidae  
*Hypothenemus obscurus* (Fabricius), Scolytidae  
*Lecanoideus floccissimus* Martin et al, Aleyrodidae  
*Leucothrips theobromae* (Priesner), Thripidae  
*Neohydatothrips inversus* Hood, Thripidae  
*Pachycondyla villosa* (Fabricius), Formicidae Ponerinae  
*Pseudomyrmex* sp. , Formicidae Pseudomyrmecinae  
*Selenothrips rubrocinctus* (Giard), Thripidae  
*Toxoptera aurantii* (Boyer de Fonscolombe), Aphididae

### Montserrat

*Toxoptera aurantii* (Boyer de Fonscolombe), Aphididae

### Myanmar

*Planococcus minor* (Maskell), Pseudococcidae

### New Caledonia

*Eucalymnatus tessellatus* (Signoret), Coccidae

### Nicaragua

*Eutetranychus banksi* (Mc Gregor), Tetranychidae  
*Nipaeoccus nipae* (Maskell), Pseudococcidae  
*Paraseiulella plumipilis* Denmark, Phytoseiidae

### Nigeria

*Acanthaspis bilineolata* (Palisot de Beauvois), Reduviidae  
*Acanthocoris dentatus* Haglund, Coreidae  
*Acanthopsyche entwistlei* Bourgogne, Psychidae  
*Acanthopsyche melanoleuca* Bourgogne, Psychidae  
*Acanthopsyche sierricola* (White), Psychidae  
*Acanthopsyche tristoides* Bourgogne, Psychidae  
*Adoretus umbrosus* Fabricius, Scarabaeidae Rutelinae  
*Aenasius martinii* (Compere), Encyrtidae  
*Aethognathus bicolor* Subba Rao, Encyrtidae  
*Aethognathus unicolor* Subba Rao, Encyrtidae  
*Agrypon* sp. , Ichneumonidae  
*Ahasverus advena* (Waltl), Silvanidae  
*Alpenus maculosus* Stal, Arctiidae  
*Alpenus schraderi rattrayi* (Rothschild), Arctiidae  
*Anomis leona* Schaus, Noctuidae  
*Apanteles* (ater group) sp. , Braconidae  
*Apanteles* (ultor group) sp. , Braconidae  
*Apanteles* sp. , Braconidae  
*Apate monachus* Fabricius, Bostrichidae  
*Apate terebrans* (Pallas), Bostrichidae  
*Aphis gossypii* Glover, Aphididae  
*Aprostocetus lamiicidus* Kerrich, Eulophidae  
*Araecerus coffeae* Fabricius, Anthribidae

- Argyrostigma niobe (Weymer), Lymantriidae  
 Aslauga vininga Heinrich, Lycaenidae  
 Asterolecanium sp. near pustulans Cockerell, Asterolecaniidae  
 Atelocera raptoria Germar, Pentatomidae  
 Aulacoserica sp. near konduensis Moser, Scarabaeidae  
     Melolonthinae  
 Bassus aciculatus Brues, Braconidae  
 Bathycoelia ovalis Stal, Pentatomidae  
 Bathycoelia thalassina (Herrich-Schaffer), Pentatomidae  
 Bixadus sierricola (White), Cerambycidae Lamiinae  
 Blepyrus insularis (Cameron), Encyrtidae  
 Bourgogne obscurior (Bourgogne), Psychidae  
 Brachycoryphus sp. , Ichneumonidae  
 Brachymeria sp. , Chalcididae  
 Bracon hebetor Say, Braconidae  
 Cadra cautella (Walker), Pyralidae  
 Callibaphus longirostris (Drury), Pyrrhocoridae  
 Camponotus acvapimensis Mayr, Formicidae Formicinae  
 Carpophilus dimidiatus (Fabricius), Nitidulidae  
 Carpophilus obsoletus Erichson, Nitidulidae  
 Carpophilus sp. , Nitidulidae  
 Cataulacus guineensis F.Smith, Formicidae Myrmecinae  
 Cataulacus sp. , Formicidae Myrmecinae  
 Ceroplastes lamborni Newstead, Coccidae  
 Characoma stictigrapta Hampson, Nolidae  
 Charops sp. , Ichneumonidae  
 Chrysodeixis acuta (Walker), Noctuidae  
 Clausenia confusor Kerrich, Encyrtidae  
 Clausenia guineensis Kerrich, Encyrtidae  
 Cletomorpha lancigera (Fabricius), Coreidae  
 Coccidiphaga scitula (Rambur), Noctuidae  
 Coccotrypes carpophagus (Hornung), Scolytidae  
 Coccotrypes confusus (Eggers), Scolytidae  
 Coeliades forestan Stal, Hesperidae  
 Colocleora divisaria (Walker), Geometridae  
 Coptotermes sp. , Rhinotermitidae  
 Corcyra cephalonica (Stainton), Pyralidae  
 Coryssopus sp. , Curculionidae  
 Crematogaster buchneri Forel, Formicidae Myrmecinae  
 Crematogaster clariventris (Mayr), Formicidae Myrmecinae  
 Crematogaster depressa (Latreille), Formicidae Myrmecinae  
 Crematogaster luctans Forel, Formicidae Myrmecinae  
 Crematogaster sp. , Formicidae Myrmecinae  
 Crematogaster striatula Emery, Formicidae Myrmecinae  
 Cryptolestes pusillus (Schonherr), Laemophloeidae  
 Cylindromyia eronis Curran, Tachinidae  
 Delottococcus sp. near proteae (Hall), Pseudococcidae  
 Diacrisia curvilinea Walker, Arctiidae  
 Diaphanopsyche rogenhoferi (Heylaerts), Psychidae  
 Dichromopsyche sp. , Psychidae  
 Diclidophlebia sp. , Psyllidae  
 Distantiella theobroma (Distant), Miridae  
 Dufouriellus ater (Dufour), Anthororidae  
 Dysmicoccus brevipes (Cockerell), Pseudococcidae  
 Earias biplaga Walker, Nolidae  
 Etienna cacao Hodgson, Coccidae  
 Eublemma ochrochroa Hampson, Noctuidae  
 Eulophonotus myrmeleon (Felder), Cossidae  
 Eumeta cervina Druce, Psychidae  
 Eumeta rougeoti Bourgogne, Psychidae  
 Euproctis sp. , Lymantriidae  
 Exorista ?ebneri (Villeneuve), Tachinidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Formicococcus njalensis (Laing), Pseudococcidae  
 Geococcus coffeae Green, Pseudococcidae  
 Halyomorpha reflexa (Signoret), Pentatomidae  
 Heliococcus sp. , Pseudococcidae  
 Helopeltis bergrothi Reuter, Miridae  
 Helopeltis lalandei (Carayon), Miridae  
 Helopeltis westwoodi (White), Miridae  
 Holepyris hawaiiensis (Ashmead), Bethyridae  
 Hypothenemus areccae (Hornung), Scolytidae  
 Hypothenemus ater (Eggers), Scolytidae  
 Hypothenemus eruditus (Westwood), Scolytidae  
 Hypothenemus hampei (Ferrari), Scolytidae  
 Hypothenemus perhispidus (Eggers), Scolytidae  
 Hypothenemus pubipennis (Eggers), Scolytidae  
 Hypothenemus seriatus (Eichhoff), Scolytidae  
 Hypothenemus solitarius (Schedl), Scolytidae  
 Junonia pelarga (Fabricius), Nymphalidae  
 Kotochalia junodi (Heylaerts), Psychidae  
 Lasioderma serricorne Fabricius, Anobiidae  
 Lepisiota incisa (Forel), Formicidae Formicinae  
 Leptomastix dactylopii Howard, Encyrtidae  
 Leptophloeus sp. , Laemophloeidae  
 Lophocrama phoenicochlora Hampson, Nolidae  
 Macrotermes bellicosus (Smeathman), Termitidae  
 Macrotermes natalensis (Haviland), Termitidae  
 Macrotermes subhyalinus (Rambur), Termitidae  
 Mesochorus melanothorax Wilkinson, Ichneumonidae  
 Mesohomotoma tessmanni (Aulmann), Psyllidae  
 Microgaster sp. , Braconidae  
 Microtermes sp. , Termitidae  
 Miomantis paykullii Stal, Mantidae  
 Mussidia nigrivenella Ragonot, Pyralidae  
 Myrmecaria striata Stitz, Formicidae Myrmecinae  
 Nadia sp. , Ichneumonidae  
 Necrobia rufipes DeGeer, Cleridae  
 Neotermes aburiensis Sjostedt, Kalotermitidae  
 Netelia sp. , Ichneumonidae  
 Odontomachus haematodus (Linnaeus), Formicidae Ponerinae  
 Oecophylla longinoda (Latreille), Formicidae Formicinae  
 Oiketicus angulatus Gaede, Psychidae  
 Oryzaephilus mercator (Fauvel), Silvanidae  
 Oxycatanotops spissus spissus (Walker), Acrididae  
 Pachycondyla tarsata (Fabricius), Formicidae Ponerinae  
 Parapropacris notatus (Karsch), Acrididae  
 Parasa viridissima Holland, Limacodidae  
 Parastictococcus gowdeyi (Newstead), Stictococcidae  
 Parastictococcus multispinosus (Newstead), Stictococcidae  
 Parastictococcus mutatus Richard, Stictococcidae  
 Peristenus sahlbergellae (Wilkinson), Braconidae  
 Pheidole megacephala (Fabricius), Formicidae Myrmecinae  
 Phenacoccus hargreavesi (Laing), Pseudococcidae  
 Phiala hologramma Aurivillius, Eupterotidae  
 Phthoropoea oenochares (Meyrick), Tineidae  
 Piezosternum fallax Breddin, Pentatomidae  
 Planococcus citri (Risso), Pseudococcidae  
 Planococcus kenya (Le Pelley), Pseudococcidae  
 Platynaspis higginsii Crotch, Coccinellidae

*Pochazia fasciata* (Fabricius), Ricaniidae  
*Polyrhachis decemdentata* Andre, Formicidae Formicinae  
*Polyrhachis monista* Santschi, Formicidae Formicinae  
*Polyspilota aeruginosa* (Goeze), Mantidae  
*Pristomerus* sp. , Ichneumonidae  
*Prochiloneurus aegyptiacus* (Mercet), Encyrtidae  
*Pseudacanthotermes militaris* (Hagen), Termitidae  
*Pseudococcus concavocerarii* James, Pseudococcidae  
*Pseudococcus longispinus* (Targioni Tozzetti), Pseudococcidae  
*Pseudococcus* sp. near *calceolariae* (Maskell), Pseudococcidae  
*Pseudometisa aemula* (Bourgogne), Psychidae  
*Pseudothertaps devastans* (Distant), Coreidae  
*Pyrrhalta placida* (Baly), Chrysomelidae Galerucinae  
*Rhynchium ventrale* Saussure, Eumenidae  
*Russograptis callopista* (Durrant), Tortricidae  
*Sahlbergella singularis* Haglund, Miridae  
*Scymnus* sp. , Coccinellidae  
*Selenothrips rubrocinctus* (Giard), Thripidae  
*Spalgis lemolea* Druce, Lycaenidae  
*Sphesianolestes* sp. , Reduviidae  
*Sphodromantis lineola* (Burmeister), Mantidae  
*Spodoptera littoralis* (Boisduval), Noctuidae  
*Spulerina* sp. , Gracillariidae  
*Steatococcus theobromae* (Newstead), Margarodidae  
*Stictococcus sjostedti* Cockerell, Stictococcidae  
*Syllepte retractalis* (Hampson), Pyralidae  
*Tenebroides mauritanicus* Linnaeus, Tenebrionidae  
*Tetramorium aculeatum* (Mayr), Formicidae Myrmecinae  
*Tetraponera anthracina* (Santschi), Formicidae  
     *Pseudomyrmecinae*  
*Thaneroclerus buqueti* (Lefebvre), Cleridae  
*Toxoptera aurantii* (Boyer de Fonscolombe), Aphididae  
*Tragocephala castnia cacaoensis* Entwistle, Cerambycidae  
     *Lamiinae*  
*Tragocephala nobilis* (Fabricius), Cerambycidae Lamiinae  
*Tribolium castaneum* Herbst, Tenebrionidae  
*Trichogrammatoidea lutea* (Girault), Trichogrammatidae  
*Trochalus carinatus* Gyllenhal, Scarabaeidae Melolonthinae  
*Xyleborus affinis* Eichhoff, Scolytidae  
*Xylocoris afer* (Reuter), Anthocoridae  
*Xylocoris flavipes* (Reuter), Anthocoridae  
*Xylocoris* sp. , Anthocoridae  
*Xylosandrus compactus* (Eichhoff), Scolytidae  
*Zonocerus variegatus* (Linnaeus), Pyrgomorphidae

### Pakistan

*Tribolium castaneum* Herbst, Tenebrionidae

### Panama

*Carmenta foraseminis* Eichlin, Sesiidae  
*Clastoptera theobromae* Williams, Clastopteridae  
*Dasyhelea borgmeieri* Wirth & Waugh, Ceratopogonidae  
*Dasyhelea williamsi* Wirth & Waugh, Ceratopogonidae  
*Dysmicoccus brevipes* (Cockerell), Pseudococcidae  
*Forcipomyia youngi* Wirth, Ceratopogonidae  
*Philephedra broadwayi* (Cockerell), Coccidae

### Papua New Guinea

*Acalolepta rusticator* (Fabricius), Cerambycidae Lamiinae  
*Acalolepta* sp. , Cerambycidae Lamiinae  
*Acalolepta strandiellus* Breuning, Cerambycidae Lamiinae  
*Acanista alphoides* Pascoe, Cerambycidae Lamiinae  
*Acanthotyta* sp. , Coreidae

*Achaea janata* (Linnaeus), Noctuidae  
*Acheta* sp. , Gryllidae  
*Acrocercops* sp. near *brochogramma* Meyrick, Gracillariidae  
*Actinus imperialis* (Fauvel), Staphylinidae  
*Adoxophyes fasciculana* Walker, Tortricidae  
*Adoxophyes* sp. , Tortricidae  
*Agapophyta* sp. , Tassarotomidae  
*Amadus notatus* (Pascoe), Curculionidae  
*Amarygmus* sp. near *solomonis* Gebien, Tenebrionidae  
*Amblypelta ardleyi* Brown, Coreidae  
*Amblypelta cocophaga cocophaga* Coreidae  
*Amblypelta costalis szentivanyi* Brown, Coreidae  
*Amblypelta gallegonis bougainvillensis* Brown, Coreidae  
*Amblypelta madangana* Brown & Ghauri, Coreidae  
*Amblypelta theobromae* Brown, Coreidae  
*Amyotea reciproca* Walker, Pentatomidae  
*Anchiale maculata* (Olivier), Phasmatidae  
*Anomala aeneotincta* Fairmaire, Scarabaeidae Rutelinae  
*Anoplolepis gracilipes* (F. Smith), Formicidae Formicinae  
*Anthococcus keravatae* Williams & Watson, Coccidae  
*Apanteles (grandiculus group)* sp. , Braconidae  
*Apanteles* sp. near *abdominalis* Fabricius, Braconidae  
*Aphis gossypii* Glover, Aphididae  
*Apiocalus cornutus cornutus* Pascoe, Curculionidae  
*Apiocalus ebrius ebrius* Faust, Curculionidae  
*Apiocalus hydrographicus* Marshall, Curculionidae  
*Apycnetron brevithorax* Boucek, Pteromalidae  
*Archips* sp. , Tortricidae  
*Armacia basigera* (Walker), Ricaniidae  
*Armacia* sp. , Ricaniidae  
*Aspidomorpha adhaerens* (Weber), Chrysomelidae Cassidinae  
*Aspidomorpha socia* (Boheman), Chrysomelidae Cassidinae  
*Aspidomorpha testudinaria* (Montrouzier), Chrysomelidae  
     *Cassidinae*  
*Astacops flavicollis* (Walker), Lygaeidae  
*Asterolecanium neoguineense* Williams & Watson,  
     *Asterolecaniidae*  
*Asteropteryx rappardi* (Hille Ris Lambers), Aphididae  
*Athetis* sp. , Noctuidae  
*Atractomorpha crenaticeps* (Blanchard), Pyrgomorphidae  
*Aulacagonia cheesmanae* Miller, Reduviidae  
*Aulacophora papuana* Jacoby, Chrysomelidae Galerucinae  
*Austromalaya* sp. , Pentatomidae  
*Autoba rubra* Hampson, Noctuidae  
*Balaninus* sp. , Curculionidae  
*Balaninus* sp. near *missionis* Heller, Curculionidae  
*Batocera nebulosa* (Bates), Cerambycidae Lamiinae  
*Batocera* sp. , Cerambycidae Lamiinae  
*Bleptina bifurcata* Bethune-Baker, Noctuidae  
*Brachylybas inflexus* Blote, Coreidae  
*Brachymeria salomonis* (Cameron), Chalcididae  
*Brachymeria* sp. , Chalcididae  
*Brachyplatys translineatus* (Walker), Plataspidae  
*Cadra cautella* (Walker), Pyralidae  
*Calliteara horsfieldii* (Saunders), Lymantriidae  
*Campsomeris* sp. , Scoliidae  
*Candalides ?tringa* Grose-Smith, Lycaenidae  
*Cardiodactylus novaeguineae* (De Haan), Gryllidae  
*Carmenta chrysophanes* (Meyrick), Sesiidae  
*Carmenta* sp. near *chrysophanes* (Meyrick), Sesiidae

- Carpophilus pallescens Murray, Nitidulidae  
 Cerataphis variabilis Hille Ris Lambers, Aphididae  
 Ceresium sp. , Cerambycidae Cerambycinae  
 Chetogena sp. , Tachinidae  
 Cleoporus theobromae Gressitt, Chrysomelidae Eumolpinae  
 Clovia fasciata Lallemand, Aphrophoridae  
 Clovia sp. , Aphrophoridae  
 Coctoteris winthemii (Guerin-Meneville), Miridae  
 Coelophora vesiculata Chazeau, Coccinellidae  
 Colgar chlorospilum (Walker), Flatidae  
 Colgar elatum Medler, Flatidae  
 Colgar ligorum Medler, Flatidae  
 Colgar missior Medler, Flatidae  
 Colgar surrectum (Melichar), Flatidae  
 Colgar tricolor Distant, Flatidae  
 Conopomorpha cramerella (Snellen), Gracillariidae  
 Coptodryas popondettae (Browne), Scolytidae  
 Coptosoma coccinnula Walker, Plataspidae  
 Crematogaster sp. near nesiotis Mann, Formicidae Myrmecinae  
 Crinitococcus theobromae Williams, Pseudococcidae  
 Crisicoccus sp. , Pseudococcidae  
 Crisicoccus theobromae Williams & Watson, Pseudococcidae  
 Crossotarsus barbatus Chapuis, Platypodidae  
 Crossotarsus biconcavus Schedl, Platypodidae  
 Crossotarsus vafer Schedl, Platypodidae  
 Cryphalus kolbei (Hagedorn), Scolytidae  
 Cryptophlebia encarpa Meyrick, Tortricidae  
 Cryptophlebia sp. near encarpa Meyrick, Tortricidae  
 Curculio ?missionis (Heller), Curculionidae  
 Curriea sp. , Braconidae  
 Dasychira sp. , Lymantriidae  
 Deretrichia sp. , Chrysomelidae Eumolpinae  
 Deretrichia szentivani Selman, Chrysomelidae Eumolpinae  
 Dermestes ater De Geer, Dermestidae  
 Dermolepida noxium Britton, Scarabaeidae Melolonthinae  
 Dermolepida sp. , Scarabaeidae Melolonthinae  
 Desmopterella explicata (Karsch), Acrididae  
 Diacrisia turbida Butler, Arctiidae  
 Dicranomyia eboracensis (Alexander), Limoniidae  
 Dictamnia sp. , Cerambycidae Cerambycinae  
 Dihammus sp. near trigonus Gressitt, Cerambycidae Lamiinae  
 Dindymus pyrochrous (Boisduval), Pyrrhocoridae  
 Diochares sp. , Cerambycidae Lamiinae  
 Diostrombus sp. , Derbidae  
 Doleschalla sp. , Tachinidae  
 Drepanococcus chiton (Green), Coccidae  
 Earias biplaga Walker, Nolidae  
 Earias sp. , Nolidae  
 Echthromorpha agrestoria insidiator (Smith), Ichneumonidae  
 Ectocemus decemmaculatus Montrouzier, Brentidae  
 Ectropis bhurmitra (Walker), Geometridae  
 Ectropis sp. near varians Walker, Geometridae  
 Eilema ekeikei Bethune-Baker, Arctiidae  
 Elytrocheilus coeruleatus (Pascoe), Curculionidae  
 Euagorus sp. , Reduviidae  
 Eucalymnatus tessellatus (Signoret), Coccidae  
 Eumenes latreillei petiolaris Schulz, Eumenidae  
 Euphanta pokiana Distant, Flatidae  
 Euphanta sp. , Flatidae  
 Eupholus browni Bates, Curculionidae  
 Eupholus geoffroyi Guerin-Meneville, Curculionidae  
 Eupholus schoenherri (Guerin-Meneville), Curculionidae  
 Eupholus sp. , Curculionidae  
 Euploea leucostictos Gmelin, Nymphalidae  
 Euproctis sp. , Lymantriidae  
 Euproctis sp. near variana Walker, Lymantriidae  
 Euricania discigutta var. villica (Stal), Ricaniidae  
 Euricania sp. , Ricaniidae  
 Euricania splendida Fabricius, Ricaniidae  
 Eurytoma albotibialis Ashmead, Eurytomidae  
 Euwallacea destruens (Blandford), Scolytidae  
 Euwallacea laevis (Eggers), Scolytidae  
 Evaza fortis (Walker), Stratiomyiidae  
 Exophthalmida glauca Faust, Curculionidae  
 Exorista sp. near sorbillans Wiedemann, Tachinidae  
 Exorista xanthaspis Wiedemann, Tachinidae  
 Exoristobia philippinensis Ashmead, Encyrtidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Glenea aluensis Gahan, Cerambycidae Lamiinae  
 Glenea lefeburei (Guerin-Meneville), Cerambycidae Lamiinae  
 Glycyphana rufopicta Kraatz, Scarabaeidae Cetoniinae  
 Glycyphana sp. , Scarabaeidae Cetoniinae  
 Gnoma boisduvali Plavil'schikou, Cerambycidae Lamiinae  
 Hadrodemius ursus (Eggers), Scolytidae  
 Helicoverpa armigera (Hubner), Noctuidae  
 Helionothrips aulmanni (Karny), Thripidae  
 Heliiothrips haemorrhoidalis (Bouche), Thripidae  
 Helonotus exsugiens Stal, Reduviidae  
 Helopeltis clavifer Walker, Miridae  
 Hemiberlesia palmae (Morgan & Cockerell), Diaspididae  
 Heteroclitomorpha punctata Gahan, Cerambycidae Lamiinae  
 Hexacentrus unicolor Walker, Tettigoniidae  
 Homona aestivata (Walker), Tortricidae  
 Homona coffearia (Nietner), Tortricidae  
 Homona salaconis Meyrick, Tortricidae  
 Homona sp. , Tortricidae  
 Hypolimnas alimena (Linnaeus), Nymphalidae  
 Hyposidra talaca (Walker), Geometridae  
 Hypotactus ruralis (Faust), Curculionidae  
 Hypotactus sp. , Curculionidae  
 Idiopsodes coerulea (Faust), Curculionidae  
 Idiopsodes grisea (Faust), Curculionidae  
 Idiopsodes sp. near ocularis (Lea), Curculionidae  
 Imma sp. , Immidae  
 Imporcitor sp. , Membracidae  
 Ipobracon sp. , Braconidae  
 Iridomyrmex sp. , Formicidae Dolichoderinae  
 Isalina mediosecta Warren, Thyrididae  
 Isalina rufocastanea (Rothschild), Thyrididae  
 Isoleptus pulverulentus Montrouzier, Curculionidae  
 Jamides celeno (Cramer), Lycaenidae  
 Kasserota sp. , Lophopidae  
 Laspeyresia sp. , Tortricidae  
 Lema staudingeri Jacoby, Chrysomelidae Criocerinae  
 Leptoglossus australis (Fabricius), Coreidae  
 Limonia sp. , Limoniidae  
 Lithosia sp. , Arctiidae  
 Lobobasis niveimaculata Hampson, Arctiidae  
 Lophops sp. , Lophopidae  
 Maconellicoccus hirsutus (Green), Pseudococcidae

- Maira* sp. , Asilidae  
*Mambara inconspicua* Bethune-Baker, Limacodidae  
*Mecinonota regia* (Fabricius), Scarabaeidae Cetoniinae  
*Mecopus doryphorus* (Quoy & Gaimard), Curculionidae  
*Mecotropis pantherinus* Thomson, Anthribidae  
*Megachile frontalis* (Fabricius), Megachilidae  
*Meroleptus squalidus* Marshall, Curculionidae  
*Mesochria cinctipes* De Meijere, Anisopodidae  
*Microcerotermes biroi* (Desneaux), Termitidae  
*Microlepta* sp. , Chrysomelidae Galerucinae  
*Moerarchis anomogramma* (Meyrick), Tineidae  
*Monolepta semiviolacea* Fauvel, Chrysomelidae Galerucinae  
*Mutabilicoccus* sp. , Pseudococcidae  
*Mutabilicoccus vanheurni* (Reyne), Pseudococcidae  
*Nacaduba berenice dobbensis* Roeber, Lycaenidae  
*Nasutitermes princeps* (Desneaux), Termitidae  
*Necromna bistriguttata* (Stal), Flatidae  
*Neoarcesius* sp. , Reduviidae  
*Neocurtilla* sp. near *hexadactyla* (Perty), Gryllotalpidae  
*Neodaksha furtiva* (Melichar), Flatidae  
*Neolieftinckana fuscata* Spin., Fulgoridae  
*Neotermes papua* (Desneaux), Kalotermitidae  
*Neotermes* sp. , Kalotermitidae  
*Nephus vallens* Chazeau, Coccinellidae  
*Nertha ampliata* (Montford), Gelastocoridae  
*Nezara viridula* (Linnaeus), Pentatomidae  
*Nisocera* sp. near *psyche* (Baly), Chrysomelidae Halticinae  
*Oecophylla smaragdina* (Fabricius), Formicidae Formicinae  
*Olene mendosa* (Hubner), Lymantriidae  
*Olethreutes* sp. , Tortricidae  
*Opogona* sp. , Tineidae  
*Orgyia postica* (Walker), Lymantriidae  
*Oribius cruciatus* (Faust), Curculionidae  
*Orthorhinus cylindrirostris* (Fabricius), Curculionidae  
*Orthorhinus* sp. near *cylindrirostris* (Fabricius), Curculionidae  
*Oryctes rhinoceros* Linnaeus, Scarabaeidae Dynastinae  
*Oxymagis horni* (Heller), Cerambycidae Lamiinae  
*Oxymagis vitticollis* Fairmaire, Cerambycidae Lamiinae  
*Palorus* sp. near *papuanus* (Kaszab), Tenebrionidae  
*Pansepta teleturga* Meyrick, Oecophoridae  
*Pantorhytes albopunctulatus* Heller, Curculionidae  
*Pantorhytes batesi* Faust, Curculionidae  
*Pantorhytes biplagiatus* (Guerin-Meneville), Curculionidae  
*Pantorhytes healyi* Gressitt, Curculionidae  
*Pantorhytes horni* Stibick, Curculionidae  
*Pantorhytes plutus* (Oberthur), Curculionidae  
*Pantorhytes proximus* Faust, Curculionidae  
*Pantorhytes pseudocarbonarius* Stibick, Curculionidae  
*Pantorhytes quadripustulatus* (Gestro), Curculionidae  
*Pantorhytes rubroverrucatus* Tryson, Curculionidae  
*Pantorhytes* sp. , Curculionidae  
*Pantorhytes stanleyanus* (White), Curculionidae  
*Pantorhytes szentivanyi* Marshall, Curculionidae  
*Pantorhytes torricellianus* Heller, Curculionidae  
*Pantorhytes verrucatus* (Bates), Curculionidae  
*Papuanella affinis* Medler, Flatidae  
*Papuanella bistigma* Medler, Flatidae  
*Papuanella cyanea* (Melichar), Flatidae  
*Papuanella destituta* Medler, Flatidae  
*Papuanella jacata* Medler, Flatidae  
*Papuanella rufilis* Medler, Flatidae  
*Papyrius nitidus* (Mayr), Formicidae Dolichoderinae  
*Parasa lepida* Cramer, Limacodidae  
*Parastasia inconstans* Fairmaire, Scarabaeidae Rutelinae  
*Parastasia marmorata* Gestro, Scarabaeidae Rutelinae  
*Parastasia montrouzieri* Fairmaire, Scarabaeidae Rutelinae  
*Parastasia montrouzieri* var. *simplicipes* Ohaus, Scarabaeidae Rutelinae  
*Paratactus* sp. , Curculionidae  
*Pelargoderus arouensis* (Thomson), Cerambycidae Lamiinae  
*Pheidole megacephala* (Fabricius), Formicidae Myrmecinae  
*Pheidologeton* sp. , Formicidae Myrmecinae  
*Phloeops platypennis* Montrouzier, Anthribidae  
*Physoderes* sp. , Reduviidae  
*Phytorus destructor* Jacoby, Chrysomelidae Eumolpinae  
*Pinzulenza kukisch* Hering, Limacodidae  
*Planococcus citri* (Risso), Pseudococcidae  
*Planococcus lilacinus* (Cockerell), Pseudococcidae  
*Planococcus minor* (Maskell), Pseudococcidae  
*Platyachus ruralis* Faust, Curculionidae  
*Platyacus lihirensis* (Marshall), Curculionidae  
*Platyacus papuana* Oberthur, Curculionidae  
*Platynopus melacanthus* (Boisduval), Pentatomidae  
*Platypus externedentatus* Fairmaire, Platypodidae  
*Platypus* sp. near *jansoni* Chapuis, Platypodidae  
*Poecilopharis bimaculata* Schurhof, Scarabaeidae Cetoniinae  
*Prasyptera antennata* Jacoby, Chrysomelidae Galerucinae  
*Priocnemisoris flaviceps* (Guerin-Meneville), Coreidae  
*Pristhesancus femoralis* Horvath, Reduviidae  
*Pristhesancus* sp. , Reduviidae  
*Pristocera rufa* Kieffer, Bethyridae  
*Propristocera* sp. , Bethyridae  
*Proutista* sp. , Derbidae  
*Pseudococcus longispinus* (Targioni Tozzetti), Pseudococcidae  
*Pseudococcus* sp. , Pseudococcidae  
*Pseudodoniella duni* (China & Carvalho), Miridae  
*Pseudodoniella laensis* Miller, Miridae  
*Pseudodoniella pacifica* China & Carvalho, Miridae  
*Pseudodoniella typica* (China & Carvalho), Miridae  
*Pseudopropoeris* sp. , Curculionidae  
*Pteroma plagiophleps* (Hampson), Psychidae  
*Pulvinaria cacao* Williams & Watson 1990 , Coccidae  
*Rhinoscapha bifasciata* Chevrolat, Curculionidae  
*Rhinoscapha schmeltzii* Fairmaire, Curculionidae  
*Rhinoscapha* sp. , Curculionidae  
*Rhinoscapha* sp. near *bifasciata* Chevrolat, Curculionidae  
*Rhinoscapha* sp. near *tricolor* Faust, Curculionidae  
*Rhinoscapha thomsoni* Waterhouse, Curculionidae  
*Rhyparida basalis* Baly, Chrysomelidae Eumolpinae  
*Rhyparida bougainvillea* Gressitt, Chrysomelidae Eumolpinae  
*Rhyparida coriacea* Jacoby, Chrysomelidae Eumolpinae  
*Rhyparida duni* Gressitt, Chrysomelidae Eumolpinae  
*Rhyparida impressipennis* Bryant, Chrysomelidae Eumolpinae  
*Rhyparida impuncticollis* Baly, Chrysomelidae Eumolpinae  
*Rhyparida obscuripennis* Jacoby, Chrysomelidae Eumolpinae  
*Rhyparida* sp. , Chrysomelidae Eumolpinae  
*Rhyparida* sp. near *atra* Lea, Chrysomelidae Eumolpinae  
*Rhyparida* sp. near *basalis* Baly, Chrysomelidae Eumolpinae  
*Rhyparida* sp. near *instabilis* Baly, Chrysomelidae Eumolpinae

- Rhyparida sp. near *quadraticollis* Arrow, Chrysomelidae  
Eumolpinae
- Rhyparidella arachi (Gressitt), Chrysomelidae Eumolpinae
- Rhyparidella cacaona (Gressitt), Chrysomelidae Eumolpinae
- Ricania sp. , Ricaniidae
- Ricanula integra flavida (Melichar), Ricaniidae
- Salina celebensis (Herrich-Schaffer), Entomobryidae
- Sceliphron laetum (F.Smith), Sphecidae
- Sciophyrus sp. , Coreidae
- Scopelodes dinawa Bethune-Baker, Limacodidae
- Scopelodes sp. , Limacodidae
- Scopelodes venosa Walker, Limacodidae
- Selenocephalus sp. , Cicadellidae
- Selenothrips rubrocinctus (Giard), Thripidae
- Sephena conforma Medler, Flatidae
- Sephena infumata Medler, Flatidae
- Sephena nivosa (Walker), Flatidae
- Sephena sp. , Flatidae
- Singalphogastra sp. , Braconidae
- Siphanta sp. , Flatidae
- Solenopsis geminata (Fabricius), Formicidae Myrmecinae
- Sphingnotus dunningi gazellus Gressitt, Cerambycidae Lamiinae
- Sphingnotus sp. , Cerambycidae Lamiinae
- Spilostethus hospes (Fabricius), Lygaeidae
- Spilostethus pacificus (Boisduval), Lygaeidae
- Spodoptera litura (Fabricius), Noctuidae
- Stathmopoda sp. near *trichopoda* Lower, Oecophoridae
- Stenocatantops angustifrons (Walker), Acrididae
- Stephanitis typica (Distant), Tingidae
- Stethotes sp. , Chrysomelidae Eumolpinae
- Striglina asinina Warren, Thyrididae
- Striglina sp. , Thyrididae
- Sutrea sp. , Chrysomelidae Halticinae
- Symphyletes sp. , Cerambycidae Lamiinae
- Synanthedon theobromae (Busck), Sesiidae
- Syncrotus similis Ghauri, Pyrrhocoridae
- Talopsus albastum Medler, Flatidae
- Taparella amata (Walker), Flatidae
- Tarundia sp. , Ricaniidae
- Technomyrmex albipes (F.Smith), Formicidae Dolichoderinae
- Telenomus sp. , Scelionidae
- Terastia meticulosalis Guenee, Pyralidae
- Terentius sp. , Membracidae
- Thosea sinensis (Walker), Limacodidae
- Tiracola plagiata (Walker), Noctuidae
- Tmesisternus schaumii obscurus Heller, Cerambycidae Lamiinae
- Tmesisternus schaumii yorkensis (Fairmaire), Cerambycidae Lamiinae
- Tmesisternus sp. , Cerambycidae Lamiinae
- Tmesisternus transversus Pascoe, Cerambycidae Lamiinae
- Tmesisternus trivittatus Guerin-Meneville, Cerambycidae Lamiinae
- Toxoptera aurantii (Boyer de Fonscolombe), Aphididae
- Trachycentra sp. near *chlorogramma* Meyrick, Tineidae
- Trichogramma japonicum Ashmead, Trichogrammatidae
- Valanga papuasica (Finot), Acrididae
- Winthemia ?sumatrana (Townsend), Tachinidae
- Winthemia sp. near *sumatrana* (Townsend), Tachinidae
- Xyleborus perforans (Wollaston), Scolytidae
- Xyleborus similis Ferrari, Scolytidae
- Xylosandrus compactus (Eichhoff), Scolytidae
- Xylosandrus crassiusculus (Motschulsky), Scolytidae
- Xylotrupes sp. , Scarabaeidae Dynastinae
- Zaplatycerus sp. , Encyrtidae
- Zeuzera coffeae Nietner, Cossidae
- Zoraida fuscipennis (Walker), Derbidae
- Zoraida punctipennis (Walker), Derbidae
- Zoraida sp. , Derbidae
- Zoraida sp. near *punctipennis* (Walker), Derbidae
- Peru**
- Acromyrmex sp. , Formicidae Myrmecinae
- Aetalion reticulatum (Linnaeus), Aetalionidae
- Amblyseius vasiformis Moraes & Mesa, Phytoseiidae
- Apateticus sp. , Pentatomidae
- Araecerus coffeae Fabricius, Anthribidae
- Atta sexdens (Linnaeus), Formicidae Myrmecinae
- Dinocoris corrosus (Herrich-Schaffer), Pentatomidae
- Dinocoris sp. , Pentatomidae
- Macroductylus sp. , Scarabaeidae Melolonthinae
- Metcalfiella pertusa (Germar), Membracidae
- Monalonion dissimulatum Distant, Miridae
- Parajalysus spinosus Distant, Berytidae
- Planococcus citri (Risso), Pseudococcidae
- Publilia sp. , Membracidae
- Selenothrips rubrocinctus (Giard), Thripidae
- Stenoma baliandra (Meyrick), Oecophoridae
- Tigava convexicollis Champion, Tingidae
- Toxoptera aurantii (Boyer de Fonscolombe), Aphididae
- Philippines**
- Acalolepta rusticator (Fabricius), Cerambycidae Lamiinae
- Acrocerilia pachynervis Van Achterberg, Braconidae
- Adoretus ranunculus Burmeister, Scarabaeidae Rutelinae
- Aeolesthes induta (Newman), Cerambycidae Cerambycinae
- Anomala humeralis Burmeister, Scarabaeidae Rutelinae
- Anomala sp. , Scarabaeidae Rutelinae
- Callimetopus albata (Newman), Cerambycidae Lamiinae
- Callimetopus capito (Pascoe), Cerambycidae Lamiinae
- Conopomorpha cramerella (Snellen), Gracillariidae
- Dysmicoccus neobrevipes Beardsley, Pseudococcidae
- Goryphus sp. , Ichneumonidae
- Helopeltis bakeri Poppius, Miridae
- Helopeltis collaris Stal, Miridae
- Lasioderma serricorne Fabricius, Anobiidae
- Orgyia postica (Walker), Lymantriidae
- Pachyrhynchus moniliferus Germar, Curculionidae
- Paraphylax fasciatipennis Ashmead, Ichneumonidae
- Planococcus lilacinus (Cockerell), Pseudococcidae
- Pseudodoniella typica (China & Carvalho), Miridae
- Pterolophia bigibbera Newman, Cerambycidae Lamiinae
- Spalgis epeus (Westwood), Lycanidae
- Sthenias varius Olivier, Cerambycidae Lamiinae
- Synanthedon cirrhizona Diakonoff, Sesiidae
- Trichogrammatoidea cojuangcoi Nagaraja, Trichogrammatidae
- Trichogrammatoidea sp. , Trichogrammatidae
- Zeuzerilia tricolor Van Achterberg, Braconidae
- Puerto Rico**
- Cryptomeigenia aurifacies Walton, Tachinidae
- Goetheana shakespearei Girault, Eulophidae
- Holotrichia vandinei (Smyth), Scarabaeidae Melolonthinae
- Ignelator luminosus (Illiger), Elateridae



Monomorium destructor (Jerdon), Formicidae Myrmecinae  
 Myxomorpha breve (Sulzer), Cerambycidae Lamiinae  
 Phyllophaga plaei (Blanchard), Scarabaeidae Melolonthinae  
 Protheca flavitarsis Fisher, Anobiidae  
 Scirtes sp. , Scirtidae  
 Selenothrips rubrocinctus (Giard), Thripidae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
 Troctes ?divinatorius Muller, Archipsocidae

### Sao Tome & Principe

Agonoscelis versicolor (Fabricius), Pentatomidae  
 Ahasverus advena (Waltl), Silvanidae  
 Ancyronotus tribulus (Fabricius), Cerambycidae Lamiinae  
 Ankylopteryx sp. , Chrysopidae  
 Ankylopteryx tristica Navas, Chrysopidae  
 Anomis leona Schaus, Noctuidae  
 Apate monachus Fabricius, Bostrichidae  
 Araecerus coffeae Fabricius, Anthribidae  
 Argina leonina Walker, Arctiidae  
 Aspidiotus destructor Signoret, Diaspididae  
 Aspidiotus sp. , Diaspididae  
 Asterolecanium pustulans princeps Castel Branco,  
 Asterolecaniidae  
 Cadra cautella (Walker), Pyralidae  
 Camponotus maculatus thomensis Santschi, Formicidae  
 Formicinae  
 Carpophilus dimidiatus (Fabricius), Nitidulidae  
 Cephalotermes rectangularis (Sjostedt), Termitidae  
 Ceratochrysa antica (Walker), Chrysopidae  
 Characoma stictigrapta Hampson, Nolidae  
 Cheilomenes sulphurea (Olivier), Coccinellidae  
 Chilocorus cacti (Linnaeus), Coccinellidae  
 Chlorida festiva (Linnaeus), Cerambycidae Cerambycinae  
 Cletomorpha lancigera (Fabricius), Coreidae  
 Coccidoctonus pseudococci (Risbec), Encyrtidae  
 Coccodiplosis coffeae (Barnes), Cecidomyiidae  
 Coccus viridis (Green), Coccidae  
 Cosmopolites sordidus (Germar), Curculionidae  
 Daphnis nerii (Linnaeus), Sphingidae  
 Dryinus afer (Olmi), Dryinidae  
 Dysdercus superstitionis (Fabricius), Pyrrhocoridae  
 Earias biplaga Walker, Nolidae  
 Encarsia citrina (Craw), Aphelinidae  
 Eulophonotus myrmeleon (Felder), Cossidae  
 Exochomus flavipes Thunberg, Coccinellidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Forcipomyia genualis (Loew), Ceratopogonidae  
 Formicococcus njalensis (Laing), Pseudococcidae  
 Helopeltis lemosi Ghesquiere, Miridae  
 Hemiberlesia palmae (Morgan & Cockerell), Diaspididae  
 Hypolimnas misippus Linnaeus, Nymphalidae  
 Icerya purchasi Maskell, Margarodidae  
 Insignorthezia insignis (Browne), Ortheziidae  
 Lasioderma serricorne Fabricius, Anobiidae  
 Lepidosaphes beckii (Newman), Diaspididae  
 Lymidus variicolor Berlese, Chrysomelidae Eumolpinae  
 Macrotoma edulis Karsch, Cerambycidae Prioninae  
 Mallodon downesi Hope, Cerambycidae Prioninae  
 Megaphragma sp. , Trichogrammatidae  
 Mesohomotoma tessmanni (Aulmann), Psyllidae  
 Metaphycus portoricensis (Dozier), Encyrtidae

Microcerotermes dolichognathus Silvestri, Termitidae  
 Microcerotermes parvus theobromae (Desneaux), Termitidae  
 Micromus timidus Hagen, Hemerobiidae  
 Monomorium pharaonis (Linnaeus), Formicidae Myrmecinae  
 Morganela longispina (Morgan), Diaspididae  
 Myrmicaria insularis Santschi, Formicidae Myrmecinae  
 Necrobia rufipes DeGeer, Cleridae  
 Neotermes gestri Silvestri, Kalotermitidae  
 Neotermes pallidicollis (Sjostedt), Kalotermitidae  
 Nisotra theobromae Laboulbene, Chrysomelidae Halticinae  
 Notiobiella sp. , Hemerobiidae  
 Odontomachus haematodus (Linnaeus), Formicidae Ponerinae  
 Oryzaephilus mercator (Fauvel), Silvanidae  
 Papilio demodocus Esper, Papilionidae  
 Papilio nurettini Kocak, Papilionidae  
 Parasaissetia nigra (Nietner), Coccidae  
 Paratrechina longicornis (Latreille), Formicidae Formicinae  
 Pheidole megacephala (Fabricius), Formicidae Myrmecinae  
 Planococcus citri (Risso), Pseudococcidae  
 Planococcus principe Cox, Pseudococcidae  
 Pseudaonidia trilobitiformis (Green), Diaspididae  
 Pseudaulacaspis pentagona (Targioni Tozzetti), Diaspididae  
 Pseudomallada sjostedti (Van der Weele), Chrysopidae  
 Pterotrix parvipennis (Gahan), Aphelinidae  
 Ricania insularis Lallemand, Ricaniidae  
 Schedorhinotermes putorius (Sjostedt), Rhinotermitidae  
 Selenaspis articulatus (Morgan), Diaspididae  
 Selenothrips rubrocinctus (Giard), Thripidae  
 Spodoptera sp. , Noctuidae  
 Stenocoris apicalis (Westwood), Coreidae  
 Sternotomis rufozonatus Fairmaire, Cerambycidae Lamiinae  
 Termes amarilii (De Seabra), Termitidae  
 Termes ostentans Silvestri, Termitidae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
 Tragocephala nobilis (Fabricius), Cerambycidae Lamiinae  
 Tribolium castaneum Herbst, Tenebrionidae  
 Xyleborus perforans (Wollaston), Scolytidae  
 Xyloperthella crinitarsis (Imhoff), Bostrichidae  
 Zeuzera coffeae Nietner, Cossidae

### Senegal

Apanteles risbeci De Saeger, Braconidae

### Sierra Leone

Argyrogramma signata (Fabricius), Noctuidae  
 Characoma stictigrapta Hampson, Nolidae  
 Chrysodeixis chalcites (Esper), Noctuidae  
 Eulophonotus myrmeleon (Felder), Cossidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Formicococcus celtis (Strickland), Pseudococcidae  
 Formicococcus njalensis (Laing), Pseudococcidae  
 Hypothenemus camerunus (Eggers), Scolytidae  
 Hypothenemus eruditus (Westwood), Scolytidae  
 Hypothenemus mozambiquensis Eggers, Scolytidae  
 Mesohomotoma tessmanni (Aulmann), Psyllidae  
 Phenacoccus hargreavesi (Laing), Pseudococcidae  
 Planococcus citri (Risso), Pseudococcidae  
 Planococcus kenya (Le Pelley), Pseudococcidae  
 Pseudococcus concavocerarii James, Pseudococcidae  
 Pseudococcus longispinus (Targioni Tozzetti), Pseudococcidae  
 Sahlbergella singularis Haglund, Miridae  
 Tragocephala nobilis (Fabricius), Cerambycidae Lamiinae

Tragocephala nobilis m delia Thomson, Cerambycidae Lamiinae  
 Xyleutes armstrongi (Hampson), Cossidae  
 Xylosandrus compactus (Eichhoff), Scolytidae  
 Zonocerus variegatus (Linnaeus), Pyrgomorphidae

### Singapore

Planococcus minor (Maskell), Pseudococcidae

### Solomon Is

Adoxophyes aurantiana Bradley, Tortricidae  
 Amblypelta coccophaga malaitensis Brown, Coreidae  
 Amblypelta coccophaga coccophaga Coreidae  
 Amblypelta gallegonis Lever, Coreidae  
 Anoplolepis gracilipes (F.Smith), Formicidae Formicinae  
 Criniticoccus ficus Williams, Pseudococcidae  
 Criniticoccus tectus Williams, Pseudococcidae  
 Criniticoccus theobromae Williams, Pseudococcidae  
 Euricania tibialis (Walker), Ricaniidae  
 Euwallacea fornicatus (Eichhoff), Scolytidae  
 Glenea aluensis Gahan, Cerambycidae Lamiinae  
 Laingiococcus painei (Laing), Pseudococcidae  
 Lamenia epiensis Muir, Derbidae  
 Laminicoccus vitiensis (Green & Laing), Pseudococcidae  
 Maculicoccus malaitensis (Cockerell), Pseudococcidae  
 Oecophylla smaragdina (Fabricius), Formicidae Formicinae  
 Oxya japonica vitticollis (Blanchard), Acrididae  
 Oxymagis horni (Heller), Cerambycidae Lamiinae  
 Painella simmondsi Muir, Lophopidae  
 Pantorhytes biplagiatus (Guerin-Meneville), Curculionidae  
 Parastasia inconstans Fairmaire, Scarabaeidae Rutelinae  
 Pheidole megacephala (Fabricius), Formicidae Myrmecinae  
 Philidris cordata (F.Smith), Formicidae Dolichoderinae  
 Philidris myrmecodiae (Emery), Formicidae Dolichoderinae  
 Planococcus citri (Risso), Pseudococcidae  
 Planococcus minor (Maskell), Pseudococcidae  
 Pseudococcus solomonensis Williams, Pseudococcidae  
 Selenothrips rubrocinctus (Giard), Thripidae  
 Sephena punctulosa Distant, Flatidae  
 Steatococcus samaraius Morrison, Margarodidae  
 Technomyrmex albipes (F.Smith), Formicidae Dolichoderinae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
 Wasmannia auropunctata (Roger), Formicidae Myrmecinae  
 Xylothrips religiosus (Boisduval), Bostrichidae

### South Africa

Eulophonotus myrmeleon (Felder), Cossidae

### Sri Lanka

Adoxophyes privatana (Walker), Tortricidae  
 Ahasverus advena (Waltl), Silvanidae  
 Amrasca biguttula Ishida, Cicadellidae  
 Apanteles cacao Wilkinson, Braconidae  
 Aularches miliaris (Linnaeus), Pyrgomorphidae  
 Cadra cautella (Walker), Pyralidae  
 Conogethes punctiferalis (Guenee), Pyralidae  
 Coptotermes ceylonicus Holmgren, Rhinotermitidae  
 Corcyra cephalonica (Stainton), Pyralidae  
 Crossothrips externedentatus Fairmaire, Platypodidae  
 Crossothrips minax (Walker), Platypodidae  
 Cyclopelta siccifolia (Westwood), Pentatomidae  
 Drepanococcus virescens (Green), Coccidae  
 Eccoptopterus spinosus (Olivier), Scolytidae  
 Ephestia elutella (Hubner), Pyralidae

Eublema sp. , Noctuidae  
 Euproctis sp. , Lymantriidae  
 Euwallacea fornicatus (Eichhoff), Scolytidae  
 Euwallacea xanthopus (Eichhoff), Scolytidae  
 Exochomus melanocephalus (Zoubkoff), Coccinellidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Glyptotermes dilatatus (Bugnion & Popoff), Kalotermitidae  
 Helicoverpa zea Boddie, Noctuidae  
 Helopeltis antonii Signoret, Miridae  
 Helopeltis bradyi Waterhouse, Miridae  
 Indarbela quadrinotata (Walker), Metarbelidae  
 Kerria albizziae (Green), Kerriidae  
 Lymantria ampla (Walker), Lymantriidae  
 Maconellicoccus hirsutus (Green), Pseudococcidae  
 Mussidia pectinicornella (Hampson), Pyralidae  
 Neostauropus alternus (Walker), Notodontidae  
 Odontomachus haematodus (Linnaeus), Formicidae Ponerinae  
 Odontotermes horni (Wasmann), Termitidae  
 Oecophylla smaragdina (Fabricius), Formicidae Formicinae  
 Orgyia postica (Walker), Lymantriidae  
 Parasa lepida Cramer, Limacodidae  
 Planococcus citri (Risso), Pseudococcidae  
 Planococcus lilacinus (Cockerell), Pseudococcidae  
 Pseudoparlatoria parlatorioides (Comstock), Diaspididae  
 Solenopsis nitens Bingham, Formicidae Myrmecinae  
 Spalgis epeus (Westwood), Lycaenidae  
 Sphenarches caffer Zeller, Pterophoridae  
 Streblote dorsalis (Walker), Lasiocampidae  
 Sycanus collaris (Fabricius), Reduviidae  
 Technomyrmex albipes (F.Smith), Formicidae Dolichoderinae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
 Xylosandrus crassiusculus (Motschulsky), Scolytidae  
 Xylosandrus discolor (Blandford), Scolytidae  
 Xylosandrus mancus (Blandford), Scolytidae  
 Zeuzera coffeae Nietner, Cossidae

### Sudan

Aphis gossypii Glover, Aphididae  
 Earias biplaga Walker, Nolidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Planococcus citri (Risso), Pseudococcidae  
 Pseudoaonidia trilobitiformis (Green), Diaspididae  
 Selenothrips rubrocinctus (Giard), Thripidae  
 Spodoptera littoralis (Boisduval), Noctuidae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae

### Surinam

Aleurothrixus floccosus (Maskell), Aleyrodidae  
 Arsenura armida (Cramer), Saturniidae  
 Atta cephalotes (Linnaeus), Formicidae Myrmecinae  
 Atta sexdens (Linnaeus), Formicidae Myrmecinae  
 Bocchoropsis plenelinealis (Dyar), Pyralidae  
 Catephiodes zuelana (Schaus), Noctuidae  
 Chrysopa sp. , Chrysopidae  
 Coccotrypes advena (Blandford), Scolytidae  
 Colaspis ?lebasi Lefevre, Chrysomelidae Eumolpinae  
 Colaspis sp. , Chrysomelidae Eumolpinae  
 Conocephalus cinereus Thunberg, Tettigoniidae  
 Conura sp. , Chalcididae  
 Crematogaster sp. , Formicidae Myrmecinae  
 Cyphonia clavata (Fabricius), Membracidae  
 Dalcera abrasa (Herrich-Schaffer), Dalcidae

*Dirphia tarquinia* (Cramer), Saturniidae  
*Dolichoderus bidens* (Linnaeus), Formicidae Dolichoderinae  
*Dryocetoides capucinus* (Eichhoff), Scolytidae  
*Dysmicoccus neobrevipes* Beardsley, Pseudococcidae  
*Edessa cornuta* Burmeister, Pentatomidae  
*Edessa meditabunda* (Fabricius), Pentatomidae  
*Euchroma gigantea* (Linnaeus), Buprestidae  
*Franklinothrips* sp. , Aeolothripidae  
*Franklinothrips tenuicornis* Hood, Aeolothripidae  
*Franklinothrips vespiformis* (Crawford), Aeolothripidae  
*Heilipus ?unifasciatus* Champion, Curculionidae  
*Heliiothrips haemorrhoidalis* (Bouche), Thripidae  
*Hylettus coenobita* (Erichson), Cerambycidae Lamiinae  
*Hypothenemus setosus* (Eichhoff), Scolytidae  
*Leucothrips theobromae* (Priesner), Thripidae  
*Megalopyge albicollis* Walker, Megalopygidae  
*Myoxomorpha breve* (Sulzer), Cerambycidae Lamiinae  
*Nasutitermes ephratae* (Holmgren), Termitidae  
*Neobrotica ebraea* (Fabricius), Chrysomelidae Galerucinae  
*Nyssodrys* sp. , Cerambycidae Lamiinae  
*Orphulella concinnula* (Walker), Acrididae  
*Otilea crenata* (Fabricius), Chrysomelidae Eumolpinae  
*Piazurus* sp. , Curculionidae  
*Planococcus minor* (Maskell), Pseudococcidae  
*Poecilips* sp. , Scolytidae  
*Prionolopha serrata* (Linnaeus), Acrididae  
*Rhabdopterus ?limbalis* Lefebvre, Chrysomelidae Eumolpinae  
*Rutela lineola* (Linnaeus), Scarabaeidae Rutelinae  
*Scapteriscus didactylus* (Latreille), Gryllotalpidae  
*Schistocerca flavofasciata* (De Geer), Acrididae  
*Selenothrips rubrocinctus* (Giard), Thripidae  
*Solenopsis geminata* (Fabricius), Formicidae Myrmecinae  
*Steirodon striolatum* Brunner von Wattenwyl, Tettigoniidae  
*Stenoma baliandra* (Meyrick), Oecophoridae  
*Teratophylidea opaca* Carvalho, Miridae  
*Toxoptera aurantii* (Boyer de Fonscolombe), Aphididae  
*Trigona hyalinata* (Lepeletier), Apidae  
*Vilerna aenooculata* (De Geer), Acrididae  
*Xyleborus perforans* (Wollaston), Scolytidae

### Taiwan

*Aphis gossypii* Glover, Aphididae  
*Araecerus coffeae* Fabricius, Anthribidae  
*Aristobia testudo* (Voet), Cerambycidae Lamiinae  
*Chondracris rosea* (De Geer), Acrididae  
*Ferrisia virgata* (Cockerell), Pseudococcidae  
*Nipaecoccus viridis* (Newstead), Pseudococcidae  
*Pseudococcus longispinus* (Targioni Tozzetti), Pseudococcidae  
*Saissetia coffeae* (Walker), Coccidae  
*Toxoptera aurantii* (Boyer de Fonscolombe), Aphididae

### Tanzania

*Araecerus coffeae* Fabricius, Anthribidae  
*Ceratitis anonae* Graham, Tephritidae  
*Chlorophorus carinatus* Aurivillius, Cerambycidae  
     Cerambycinae  
*Helopeltis bergrothi* Reuter, Miridae  
*Maconellicoccus hirsutus* (Green), Pseudococcidae  
*Mussidia nigrivenella* Ragonot, Pyralidae  
*Parastictococcus multispinosus* (Newstead), Stictococcidae  
*Planococcus citri* (Risso), Pseudococcidae  
*Polyrhabdodus transversalis* Faust, Curculionidae

*Rastrococcus iceryoides* (Green), Pseudococcidae  
*Zonocerus variegatus* (Linnaeus), Pyrgomorphidae

### Tanzania Zanzibar

*Anoplolepis gracilipes* (F. Smith), Formicidae Formicinae  
*Dysmicoccus brevipes* (Cockerell), Pseudococcidae  
*Maconellicoccus hirsutus* (Green), Pseudococcidae  
*Pheidole megacephala* (Fabricius), Formicidae Myrmecinae  
*Planococcus citri* (Risso), Pseudococcidae  
*Pseudococcus longispinus* (Targioni Tozzetti), Pseudococcidae  
*Pseudothraupis wayi* Brown, Coreidae

### Thailand

*Chondracris rosea* (De Geer), Acrididae  
*Planococcus minor* (Maskell), Pseudococcidae

### Togo

*Aenasius abengouroui* (Risbec), Encyrtidae  
*Aenasius insularis* Compere, Encyrtidae  
*Anagyrus kivuensis* Compere, Encyrtidae  
*Anagyrus* sp. , Encyrtidae  
*Blepyrus insularis* (Cameron), Encyrtidae  
*Camponotus acvapimensis* Mayr, Formicidae Formicinae  
*Camponotus vividus* (F. Smith), Formicidae Formicinae  
*Cataulacus guineensis* F. Smith, Formicidae Myrmecinae  
*Ceratitis punctata* (Wiedemann), Tephritidae  
*Cheiloneurus carinatus* Compere, Encyrtidae  
*Cheiloneurus* sp. near *cyanonotus* Waterston, Encyrtidae  
*Chrysopa* sp. , Chrysopidae  
*Coccidiplosis coffeae* (Barnes), Cecidomyiidae  
*Crematogaster africana* Mayr, Formicidae Myrmecinae  
*Crematogaster castanea* F. Smith, Formicidae Myrmecinae  
*Crematogaster clariventris* (Mayr), Formicidae Myrmecinae  
*Crematogaster luctans* Forel, Formicidae Myrmecinae  
*Crematogaster* sp. , Formicidae Myrmecinae  
*Crematogaster striatula* Emery, Formicidae Myrmecinae  
*Delococcus tafoensis* (Strickland), Pseudococcidae  
*Distantiella theobroma* (Distant), Miridae  
*Dysmicoccus brevipes* (Cockerell), Pseudococcidae  
*Earias biplaga* Walker, Nolidae  
*Eulophonotus myrmeleon* (Felder), Cossidae  
*Ferrisia virgata* (Cockerell), Pseudococcidae  
*Formicococcus njalensis* (Laing), Pseudococcidae  
*Fraterarchibracon affinis* (Szepliget), Braconidae  
*Lepisiota crinita* (Mayr), Formicidae Formicinae  
*Lepisiota* sp. , Formicidae Formicinae  
*Leptomastix dactylopii* Howard, Encyrtidae  
*Maconellicoccus ugandae* (Laing), Pseudococcidae  
*Mallodon downesi* Hope, Cerambycidae Prioninae  
*Monomorium bicolor* Emery, Formicidae Myrmecinae  
*Monomorium floricola* (Jerdon), Formicidae Myrmecinae  
*Neodiscodes abengouroui* (Risbec), Encyrtidae  
*Odontomachus troglodytes* Santschi, Formicidae Ponerinae  
*Oecophylla longinoda* (Latreille), Formicidae Formicinae  
*Parastictococcus multispinosus* (Newstead), Stictococcidae  
*Paratrechina* sp. , Formicidae Formicinae  
*Pheidole* sp. , Formicidae Myrmecinae  
*Phenacoccus hargreavesi* (Laing), Pseudococcidae  
*Plagiolepis* sp. , Formicidae Formicinae  
*Planococcus citri* (Risso), Pseudococcidae  
*Planococcus kenya* (Le Pelley), Pseudococcidae  
*Platynaspis higginsii* Crotch, Coccinellidae  
*Platynaspis solieri* Mulsant, Coccinellidae

*Polyrhachis militaris* (Fabricius), Formicidae Formicinae  
*Prochiloneurus aegyptiacus* (Mercet), Encyrtidae  
*Prochiloneurus pulchellus* Silvestri, Encyrtidae  
*Pseudococcus longispinus* (Targioni Tozzetti), Pseudococcidae  
*Sahlbergella singularis* Haglund, Miridae  
*Scymnus kibonotensis* Weise, Coccinellidae  
*Scymnus* sp. , Coccinellidae  
*Spalgis lemolea* Druce, Lycaenidae  
*Stictococcus sjostedti* Cockerell, Stictococcidae  
*Tapinoma* sp. , Formicidae Dolichoderinae  
*Tetramorium aculeatum* (Mayr), Formicidae Myrmecinae  
*Tetramorium* sp. , Formicidae Myrmecinae  
*Toxoptera aurantii* (Boyer de Fonscolombe), Aphididae  
*Tragocephala castnia cacaoensis* Entwistle, Cerambycidae Lamiinae  
*Tragocephala nobilis* (Fabricius), Cerambycidae Lamiinae  
*Tropidophryne africana* Compere, Encyrtidae  
*Tylococcus westwoodi* Strickland, Pseudococcidae

## Tonga

*Planococcus minor* (Maskell), Pseudococcidae

## Trinidad & Tobago

*Acerophagus* sp. , Encyrtidae  
*Acromyrmex octospinosus* (Reich), Formicidae Myrmecinae  
*Acropyga* (*Rhizomyrma*) *berwicki* Wheeler, Formicidae Formicinae  
*Acropyga* (*Rhizomyrma*) *urichi* Weber, Formicidae Formicinae  
*Acropyga katherinae* Weber, Formicidae Formicinae  
*Acropyga* sp. , Formicidae Formicinae  
*Actia panamensis* Curran, Tachinidae  
*Aenasius advena* Compere, Encyrtidae  
*Aenasius caeruleus* Brues, Encyrtidae  
*Aenasius frontalis* Compere, Encyrtidae  
*Aenasius longiscapus* Compere, Encyrtidae  
*Aenasius regularis* Kerrich, Encyrtidae  
*Aenasius* sp. , Encyrtidae  
*Aenasius tachigaliae* (Brues), Encyrtidae  
*Aeschrapteryx sectata* Guenee, Geometridae  
*Amphicranus theobroma* Sampson, Scolytidae  
*Anagyrus trinidadensis* (Kerrich), Encyrtidae  
*Ancistrosoma farinosum* Salle, Scarabaeidae Melolonthinae  
*Anochetus emarginatus* Fabricius, Formicidae Ponerinae  
*Antiteuchus piceus* (Palisot de Beauvais), Pentatomidae  
*Antiteuchus tripterus* (Fabricius), Pentatomidae  
*Aphis craccivora* Koch, Aphididae  
*Asphaera* sp. , Chrysomelidae Halticinae  
*Aspidiotus destructor* Signoret, Diaspididae  
*Asterolecanium pustulans* (Cockerell), Asterolecaniidae  
*Atrichopogon brevipalpis* Macfie, Ceratopogonidae  
*Atta cephalotes* (Linnaeus), Formicidae Myrmecinae  
*Atta sexdens* (Linnaeus), Formicidae Myrmecinae  
*Automeris janus* Cramer, Saturniidae  
*Automeris liberia* Cramer, Saturniidae  
*Azteca alfari* Emery, Formicidae Dolichoderinae  
*Azteca chartifex* Forel, Formicidae Dolichoderinae  
*Azteca* sp. , Formicidae Dolichoderinae  
*Azteca velox* Forel, Formicidae Dolichoderinae  
*Belvosia aldrichi* (Townsend), Tachinidae  
*Benedictycoccina ornata* (Hambleton), Pseudococcidae  
*Blepyrus schwarzi* (Howard), Encyrtidae  
*Bothriocraera bicolor* Compere & Zinna, Encyrtidae

*Brachyomus tuberculatus* (Boheman), Curculionidae  
*Brassolis sophorae* Linnaeus, Nymphalidae  
*Cadra cautella* (Walker), Pyralidae  
*Camponotus zoc* Forel, Formicidae Formicinae  
*Carcelia flavirostris* (Wulp), Tachinidae  
*Catephiodes zuelana* (Schaus), Noctuidae  
*Cephalotes atratus* Linnaeus, Formicidae Myrmecinae  
*Chalodeta lypera* Bates, Lycaenidae  
*Charops* sp. , Ichneumonidae  
*Chrysopa* sp. , Chrysopidae  
*Coccidella globocula* (Hambleton), Pseudococcidae  
*Coccidoctonus trinidadensis* Crawford, Encyrtidae  
*Coccidoencyrtus* sp. , Encyrtidae  
*Colaspis* sp. , Chrysomelidae Eumolpinae  
*Conura* sp. near *amoena* (Say), Chalcididae  
*Coptoborus vespatorius* (Schedl), Scolytidae  
*Coscineuta* sp. , Acrididae  
*Coscineuta virens* (Thunberg), Acrididae  
*Crematogaster brevispinosa* Mayr, Formicidae Myrmecinae  
*Crematogaster* sp. , Formicidae Myrmecinae  
*Cyanopterus depressi* Viereck, Braconidae  
*Cyanopterus peronatus* (Cameron), Braconidae  
*Cyanopterus steirastomae* Viereck, Braconidae  
*Cymbomorpha* sp. , Membracidae  
*Dasyhelea borgmeieri* Wirth & Waugh, Ceratopogonidae  
*Dasyhelea* sp. , Ceratopogonidae  
*Dasyhelea williamsi* Wirth & Waugh, Ceratopogonidae  
*Diabrotica* sp. , Chrysomelidae Galerucinae  
*Disonycha* sp. , Chrysomelidae Halticinae  
*Dorbeta albicauda* (Hampson), Noctuidae  
*Dryocetoides cristatus* (Fabricius), Scolytidae  
*Dysmicoccus brevipes* (Cockerell), Pseudococcidae  
*Dysmicoccus grassii* (Leonardi), Pseudococcidae  
*Dysmicoccus* sp. , Pseudococcidae  
*Dysmicoccus* sp. near *brevipes* (Cockerell), Pseudococcidae  
*Dysmicoccus texensis* (Tinsley), Pseudococcidae  
*Ecdytolopha punctidiscanum* Dyar, Tortricidae  
*Eciton* sp. , Formicidae Ecitoninae  
*Ectatomma ruidum* (Roger), Formicidae Ponerinae  
*Ectatomma tuberculatum* (Olivier), Formicidae Ponerinae  
*Ecthoea quadricornis* (Olivier), Cerambycidae Lamiinae  
*Emesis cereus* (Linnaeus), Lycaenidae  
*Emesis mandana* Cramer, Lycaenidae  
*Enicospilus* sp. , Ichneumonidae  
*Euprosterina elaeasa* Dyar, Limacodidae  
*Ferrisia virgata* (Cockerell), Pseudococcidae  
*Forcipomyia nana* (Macfie), Ceratopogonidae  
*Forcipomyia quasi-ingrami* Macfie, Ceratopogonidae  
*Forcipomyia styliifera* (Lutz), Ceratopogonidae  
*Frankliniella parvula* Hood, Thripidae  
*Franklinothrips tenuicornis* Hood, Aeolothripidae  
*Franklinothrips vespiformis* (Crawford), Aeolothripidae  
*Gahaniella tertia* Kerrich, Encyrtidae  
*Glena bipennaria* (Guenee), Geometridae  
*Goetheana shakespearai* Girault, Eulophidae  
*Gyransoidea dispar* (Kerrich), Encyrtidae  
*Hampsonodes mastoides* (Hampson), Noctuidae  
*Heliethrips haemorrhoidalis* (Bouche), Thripidae  
*Hemeroblemma leontia* (Stal), Noctuidae  
*Hemeroblemma rengus* (Poey), Noctuidae

- Holcencyrtus myrmicoides (Compere & Zinna), Encyrtidae  
 Holcencyrtus sp. , Encyrtidae  
 Horiola picta Fabricius, Membracidae  
 Horiola sp. , Membracidae  
 Horismenus steirastomae (Girault), Eulophidae  
 Howardia biclavata (Comstock), Diaspididae  
 Hyperaspis jucunda (Mulsant), Coccinellidae  
 Hypercompe muzima (Oberthur), Arctiidae  
 Jalysus reversus Duzee, Berytidae  
 Lasioderma serricorne Fabricius, Anobiidae  
 Leptomastix dactylopii Howard, Encyrtidae  
 Leucochrysa varia Schneider, Chrysopidae  
 Lophocampa polyodonta (Rothschild), Arctiidae  
 Marmara sp. , Gracillariidae  
 Melese flaviopuncta Rothschild, Arctiidae  
 Melese laodamia (Druce), Arctiidae  
 Metaphycus harveyorum Noyes, Encyrtidae  
 Mixorthezia reynei (Laing), Ortheziidae  
 Myoxomorpha breve (Sulzer), Cerambycidae Lamiinae  
 Nematocampa completa Warren, Geometridae  
 Neobrotica sp. , Chrysomelidae Galerucinae  
 Nеоchavesia trinidadensis (Beardsley), Pseudococcidae  
 Ninyas torvus Distant, Lygaeidae  
 Nipaeococcus nipae (Maskell), Pseudococcidae  
 Nipaeococcus pitkini Williams & Granara de Willink,  
 Pseudococcidae  
 Ocyrtus stenogaster (Williston), Syrphidae  
 Odontomachus haematodus (Linnaeus), Formicidae Ponerinae  
 Oedionychus sp. , Chrysomelidae Halticinae  
 Oiketicus kirbyi (Guilding), Psychidae  
 Oncideres tessellata Thomson, Cerambycidae Lamiinae  
 Oxyptilus sp. , Pterophoridae  
 Panthiades bitias (Cramer), Lycaenidae  
 Paragonia procidaria (Herrich-Schaeffer), Geometridae  
 Paragonia sp. , Geometridae  
 Paragonia tasima (Cramer), Geometridae  
 Pelochyta arontes (Cramer), Arctiidae  
 Phanuropsis semiflaviventris Girault, Scelionidae  
 Pheidole biconstricta Mayr, Formicidae Myrmecinae  
 Philephedra broadwayi (Cockerell), Coccidae  
 Phobetrion hipparchia (Cramer), Limacodidae  
 Physocleora pauper Warren, Geometridae  
 Planococcus citri (Risso), Pseudococcidae  
 Planococcus minor (Maskell), Pseudococcidae  
 Praelongorthezia praelonga (Douglas), Ortheziidae  
 Prochiloneurus dactylopii (Howard), Encyrtidae  
 Prochiloneurus seini (Dozier), Encyrtidae  
 Pseudaphycus ferrisiana Bennett, Encyrtidae  
 Pseudaphycus sp. , Encyrtidae  
 Pseudaphycus utilis Timberlake, Encyrtidae  
 Pseudiasata vorax Sabrosky, Drosophilidae  
 Pseudococcus comstocki (Kuwana), Pseudococcidae  
 Pseudococcus landoi (Balachowsky), Pseudococcidae  
 Pseudococcus longispinus (Targioni Tozzetti), Pseudococcidae  
 Pseudococcus sp. near comstocki (Kuwana), Pseudococcidae  
 Pseudolycaena marsyas (Linnaeus), Lycaenidae  
 Puto barberi (Cockerell), Pseudococcidae  
 Rhizoecus falcifer Kunckel d'Hercule, Pseudococcidae  
 Rutela lineola (Linnaeus), Scarabaeidae Rutelinae  
 Schistocerca flavofasciata (De Geer), Acrididae  
 Scymnus sp. , Coccinellidae  
 Selenaspis articulatus (Morgan), Diaspididae  
 Selenothrips rubrocinctus (Giard), Thripidae  
 Solenopsis geminata (Fabricius), Formicidae Myrmecinae  
 Solenopsis picea Emery, Formicidae Myrmecinae  
 Solenopsis sp. , Formicidae Myrmecinae  
 Southia nemoralis (Fennah), Kerridae  
 Spodoptera androgea (Stal), Noctuidae  
 Spodoptera dolichos (Fabricius), Noctuidae  
 Spodoptera eridania (Stal), Noctuidae  
 Spodoptera frugiperda (Smith), Noctuidae  
 Spodoptera latifascia (Walker), Noctuidae  
 Stilobezzia sp. , Ceratopogonidae  
 Syllepte prorogata (Hampson), Pyralidae  
 Synanthedon theobromae (Busck), Sesiidae  
 Synargis calyce (Felder & Felder), Lycaenidae  
 Termatophylidea maculata Usinger, Miridae  
 Tetranychus nakahari Baker, Tetranychidae  
 Thecla hemon (Cramer), Lycaenidae  
 Thecla orsina Hewitson, Lycaenidae  
 Thecla talayra Hewitson, Lycaenidae  
 Thecla tympania Hewitson, Lycaenidae  
 Theoborus theobromae (Hopkins), Scolytidae  
 Theope eudocia Westwood, Lycaenidae  
 Theope foliorum Bates, Lycaenidae  
 Thysanus sp. , Signiphoridae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
 Trachyderes succinctus (Linnaeus), Cerambycidae  
 Cerambycinae  
 Tribolium castaneum Herbst, Tenebrionidae  
 Trichogrammatella tristis Girault, Trichogrammatidae  
 Tumidifemur pulchrum Girault, Trichogrammatidae  
 Uscanella bicolor Girault, Trichogrammatidae  
 Wasmannia auropunctata (Roger), Formicidae Myrmecinae  
 Xyleborus ferrugineus (Fabricius), Scolytidae  
 Xyleborus posticus Eichhoff, Scolytidae  
 Zaplatycerus planiscutellum De Santis, Encyrtidae  
 Zarthopalus putophilus Bennett, Encyrtidae
- Uganda**  
 Adoretus umbrosus Fabricius, Scarabaeidae Rutelinae  
 Aethognathus cavilabris Waterston, Encyrtidae  
 Alphenus maculosus Stal, Arctiidae  
 Apanteles diparopsidis Lyle, Braconidae  
 Aprostocetus ugandaensis (Girault), Eulophidae  
 Ceratitis punctata (Wiedemann), Tephritidae  
 Ceroplastes destructor Newstead, Coccidae  
 Coccidiphaga scitula (Rambur), Noctuidae  
 Coccophagus cowperi Girault, Aphelinidae  
 Coccus longulus (Douglas), Coccidae  
 Eublemma costimacula (Saalmuller), Noctuidae  
 Euproctis mediosquamosa Bethune-Baker, Lymantriidae  
 Gryllotalpa africana Palisot de Beauvois, Gryllotalpidae  
 Gryllus bimaculatus De Geer, Gryllidae  
 Hypothenemus intricatus (Schedl), Scolytidae  
 Inglisia theobromae Newstead, Coccidae  
 Latoia vivida (Walker), Limacodidae  
 Libyaspis vermicellaris Stal, Plataspidae  
 Miocryphalus attenuatus (Eggers), Scolytidae  
 Nygmia sp. , Lymantriidae  
 Parastictococcus gowdeyi (Newstead), Stictococcidae

Parastictococcus multispinosus (Newstead), Stictococcidae  
 Planococcus flagellatus De Lotto, Pseudococcidae  
 Pseudococcus occiduus De Lotto, Pseudococcidae  
 Pseudococcus sp. , Pseudococcidae  
 Pseudocreobotra wahlbergi Stal, Mantidae  
 Sphodromantis lineola (Burmeister), Mantidae  
 Sthenias cylindrator (Fabricius), Cerambycidae Lamiinae  
 Teleogryllus gracilipes (Saussure), Gryllidae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
 Vitrococcus conchiformis (Newstead), Coccidae  
 Xyleborus alluaudi (Schaufuss), Scolytidae  
 Zonocerus variegatus (Linnaeus), Pyrgomorphidae

### **Vanuatu**

Acalolepta australis (Boisduval), Cerambycidae Lamiinae  
 Acicnemis incisidens Marshall, Curculionidae  
 Adoretus versutus Harold, Scarabaeidae Rutelinae  
 Adoxophyes sp. , Tortricidae  
 Apanteles sp. , Braconidae  
 Batocera nebulosa (Bates), Cerambycidae Lamiinae  
 Cacia sp. , Cerambycidae Lamiinae  
 Carcelia sp. , Tachinidae  
 Cnemidothrix protensus Fairmaire, Curculionidae  
 Dactylosternum subquadratum Fairmaire, Hydrophilidae  
 Dysmicoccus brevipes (Cockerell), Pseudococcidae  
 Elytrurus risbeci Marshall, Curculionidae  
 Eubactrus sp. , Brentidae  
 Euproctis sp. , Lymantriidae  
 Exorista sp. , Tachinidae  
 Lopholeucaspis cockerelli (Grandpre & Charmoy), Diaspididae  
 Metura elongata (Saunders), Psychidae  
 Monochamus holotephros (Boisduval), Cerambycidae Lamiinae  
 Oeonistis entella Cramer, Arctiidae  
 Olethrius tyrannus Thomson, Cerambycidae Prioninae  
 Pediobius longisetosus Kerrich, Eulophidae  
 Pediobius sp. , Eulophidae  
 Planococcus minor (Maskell), Pseudococcidae  
 Platolenes hydrophiloides (Fairmaire), Tenebrionidae  
 Pseudoaonidia trilobitiformis (Green), Diaspididae  
 Pseudococcus longispinus (Targioni Tozzetti), Pseudococcidae  
 Pseudococcus sp. , Pseudococcidae  
 Pterolophia binodosa (Bates), Cerambycidae Lamiinae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae

### **Venezuela**

Aceria reyesi (Nuzzaci), Eriophyidae  
 Acharia sp. , Limacodidae  
 Ahasverus advena (Waltl), Silvanidae  
 Ambrosiodmus hagedorni (Iglesias), Scolytidae  
 Anadasmus porinodes (Meyrick), Oecophoridae  
 Anagyris petronae Noyes, Encyrtidae  
 Anastrepha fraterculus (Wiedemann), Tephritidae  
 Antiteuchus tripterus (Fabricius), Pentatomidae  
 Atrichopogon sp. , Ceratopogonidae  
 Azteca forellii Emery, Formicidae Dolichoderinae  
 Cadra cautella (Walker), Pyralidae  
 Camponotus sp. , Formicidae Formicinae  
 Carmenta foraseminis Eichlin, Sesiidae  
 Carmenta theobromae Linnaeus, Sesiidae  
 Cerconota carbonifer (Busck), Oecophoridae  
 Coptoborus vespatorius (Schedl), Scolytidae  
 Corcyra cephalonica (Stainton), Pyralidae

Dryocetoides cristatus (Fabricius), Scolytidae  
 Ecdytophpa aurantium (Da Costa Lima), Tortricidae  
 Ephestia elutella (Hubner), Pyralidae  
 Floracarus theobromae Keifer, Eriophyidae  
 Forcipomyia aerea Saunders, Ceratopogonidae  
 Forcipomyia attenuata Saunders, Ceratopogonidae  
 Forcipomyia blantoni Soria & Bystrak, Ceratopogonidae  
 Forcipomyia brachyrhynchus Wirth & Dow, Ceratopogonidae  
 Forcipomyia cornuta Saunders, Ceratopogonidae  
 Forcipomyia genualis (Loew), Ceratopogonidae  
 Forcipomyia harpegonata Wirth & Soria, Ceratopogonidae  
 Forcipomyia hermosa Utmar & Wirth, Ceratopogonidae  
 Forcipomyia longispina Saunders, Ceratopogonidae  
 Forcipomyia louriei Macfie, Ceratopogonidae  
 Forcipomyia luteigenua Wirth & Spinelli, Ceratopogonidae  
 Forcipomyia marini Spinelli & Dippolito, Ceratopogonidae  
 Forcipomyia pictoni Macfie, Ceratopogonidae  
 Forcipomyia pinamerensis Spinelli, Ceratopogonidae  
 Forcipomyia quasi-ingrami Macfie, Ceratopogonidae  
 Forcipomyia quatei Wirth, Ceratopogonidae  
 Forcipomyia seminole Wirth, Ceratopogonidae  
 Forcipomyia setigera Saunders, Ceratopogonidae  
 Forcipomyia sp. , Ceratopogonidae  
 Forcipomyia spatulifera Saunders, Ceratopogonidae  
 Forcipomyia squamithorax Clastrier, Ceratopogonidae  
 Forcipomyia terrestris Saunders, Ceratopogonidae  
 Forcipomyia uramaensis Spinelli & Dippolito, Ceratopogonidae  
 Forcipomyia winderi Wirth, Ceratopogonidae  
 Hypothenemus erectus Le Conte, Scolytidae  
 Hypothenemus eruditus (Westwood), Scolytidae  
 Hypothenemus opacus (Eichhoff), Scolytidae  
 Lasioderma serricorne Fabricius, Anobiidae  
 Monalonion dissimulatum Distant, Miridae  
 Monohelea affinis Felipe-Bauer & Spinelli, Ceratopogonidae  
 Myoxomorpha breve (Sulzer), Cerambycidae Lamiinae  
 Nipaeoccus guazumae (Balachowsky), Pseudococcidae  
 Phanuropsis semiflaviventris Girault, Scelionidae  
 Pseudothysanoes atomos Wood, Scolytidae  
 Schistocerca cancellata paranensis (Burmeister), Acrididae  
 Stilobezzia sp. , Ceratopogonidae  
 Syllepte prorogata (Hampson), Pyralidae  
 Wasmannia auropunctata (Roger), Formicidae Myrmecinae  
 Xyleborinus reconditus (Schedl), Scolytidae  
 Xyleborus ferrugineus (Fabricius), Scolytidae  
 Xyleborus macer Blandford, Scolytidae  
 Xylosandrus curtulus (Eichhoff), Scolytidae  
 Xylosandrus morigerus (Blandford), Scolytidae

### **Vietnam**

Desmidophorus brevisculus Hubenthal, Curculionidae

### **Virgin Is**

Dysmicoccus texensis (Tinsley), Pseudococcidae

### **Western Samoa**

Abgrallaspis cyanophylli (Signoret), Diaspididae  
 Adoretus versutus Harold, Scarabaeidae Rutelinae  
 Coccus longulus (Douglas), Coccidae  
 Dysmicoccus brevipes (Cockerell), Pseudococcidae  
 Microcerotermes sp. , Termitidae  
 Monochamus holotephros (Boisduval), Cerambycidae Lamiinae  
 Neotermes samoanus (Holmgren), Kalotermitidae  
 Neotermes sarasini (Holmgren), Kalotermitidae

- Planococcus citri (Risso), Pseudococcidae  
 Planococcus minor (Maskell), Pseudococcidae  
 Scolytogenes samoanus (Browne), Scolytidae  
 Toxoptera aurantii (Boyer de Fonscolombe), Aphididae  
**Zaire**  
 Acanthophorus maculatus (Fabricius), Cerambycidae Prioninae  
 Aethemenes chloris (Dallas), Pentatomidae  
 Agonoscelis versicolor (Fabricius), Pentatomidae  
 Alcidodes aschanticus (Faust), Curculionidae  
 Alcidodes erroneus (Thomson), Curculionidae  
 Alcidodes theobromae (Marshall), Curculionidae  
 Allophyton duffyi Lepesme, Cerambycidae Cerambycinae  
 Alpenus maculosus Stal, Arctiidae  
 Ammianus alberti (Schouteden), Tingidae  
 Anecphora olivacea Schm., Fulgoridae  
 Anisognathus czikii Bolkay, Brentidae  
 Anomala denuda Arrow, Scarabaeidae Rutelinae  
 Aonidiella gracilis (Balachowsky), Diaspididae  
 Apate monachus Fabricius, Bostrichidae  
 Aprostocetus lamiicidus Kerrich, Eulophidae  
 Araecerus coffeae Fabricius, Anthribidae  
 Argyrostigma niobe (Weymer), Lymantriidae  
 Aserica variegata Arrow, Scarabaeidae Melolonthinae  
 Aspongopus dubitalis Fairmaire, Pentatomidae  
 Atelocera attenuata Distant, Pentatomidae  
 Atelocera natalensis Stal, Pentatomidae  
 Atelocera serrata (Fabricius), Pentatomidae  
 Atelocera sp. , Pentatomidae  
 Atelocera spinulosa (Palisot de Beauvais), Pentatomidae  
 Atelocera stictica (Westwood), Pentatomidae  
 Baria elsa (Druce), Limacodidae  
 Bassus aciculatus Brues, Braconidae  
 Bathycoelia thalassina (Herrich-Schaffer), Pentatomidae  
 Bemisia tabaci Gennadius, Aleyrodidae  
 Blosyrus dorsalis Jekel, Curculionidae  
 Blosyrus obliquatus Duvivier, Curculionidae  
 Blosyrus similis Hustache, Curculionidae  
 Borocera sp. , Lasiocampidae  
 Brachyrhynchus furcatus Germar, Aradidae  
 Bracon brevicornis (Wesmael), Braconidae  
 Bracon lefroyi (Dudgeon & Gough), Braconidae  
 Bryocoropsis cotterelli Miridae  
 Capyella sp. , Berytidae  
 Carcinomma astrologus Bergroth, Reduviidae  
 Catascythropus acuticollis Kolbe, Curculionidae  
 Ceratitis punctata (Wiedemann), Tephritidae  
 Cercidocerus albicollis Olivier, Curculionidae  
 Cerobates cruentatus Senna, Brentidae  
 Cerobates sulcatus sulcirostris J.Thomson, Brentidae  
 Ceroplastes sp. , Coccidae  
 Ceroplesia adusta (Harold), Cerambycidae Lamiinae  
 Ceroplesia bicincta Fabricius, Cerambycidae Lamiinae  
 Characoma stictigrapta Hampson, Nolidae  
 Chaunoderus transversalis Faust, Curculionidae  
 Chiastosternum olivaceus (Distant), Pentatomidae  
 Chiastosternum unicolor Dallas, Pentatomidae  
 Cletomorpha lancigera (Fabricius), Coreidae  
 Cletus ochraceus (Herrich-Schaffer), Coreidae  
 Coeliades chalybe (Westwood), Hesperidae  
 Coenomorpha schioedtei Bergroth, Pentatomidae  
 Coenomorpha schioedtei interuptevenosa Schouteden,  
 Pentatomidae  
 Coptops aedificator (Fabricius), Cerambycidae Lamiinae  
 Coptosoma puncticeps Mountford, Plataspidae  
 Costovia brunnea (Hustache), Curculionidae  
 Crematogaster sp. , Formicidae Myrmecinae  
 Cryptocarenum heveae (Hagedorn), Scolytidae  
 Cryptorrhynchus africanus Hustache, Curculionidae  
 Dasychira endophaea Hampson, Lymantriidae  
 Dichostates flavopictus bimaculatus Bates, Cerambycidae  
 Lamiinae  
 Doliopygus chapuisi Duvivier, Platypodidae  
 Doliopygus donisi Schedl, Platypodidae  
 Doliopygus dubius (Sampson), Platypodidae  
 Doliopygus lefevrei Schedl, Platypodidae  
 Dryocetooides cristatus (Fabricius), Scolytidae  
 Dysdercus supersticiosus (Fabricius), Pyrrhocoridae  
 Earias biplaga Walker, Nolidae  
 Eccoptopterus spinosus (Olivier), Scolytidae  
 Elasmoscelis trimaculata Walker, Fulgoridae  
 Encyrtus cotterelli Waterston, Encyrtidae  
 Eulophonotus myrmeleon (Felder), Cossidae  
 Eumimetes haroldi Quedenfeldt, Cerambycidae Lamiinae  
 Euphoresia baliola Brenske, Scarabaeidae Melolonthinae  
 Eupiona attalica Pascoe, Curculionidae  
 Eupiona tripartita Faust, Curculionidae  
 Euplatypus hintzi (Schaufuss), Platypodidae  
 Euproctis mediosquamosa Bethune-Baker, Lymantriidae  
 Euproctis rufiterga Hampson, Lymantriidae  
 Eutermes latifrons (Sjostedt), Termitidae  
 Eutermes maculiventris Sjostedt, Termitidae  
 Eutermes parvus Haviland, Termitidae  
 Exocentrus ortmansi Gahan, Cerambycidae Lamiinae  
 Farnya versicolor Distant, Pentatomidae  
 Ferrisia virgata (Cockerell), Pseudococcidae  
 Formicococcus njalensis (Laing), Pseudococcidae  
 Frea haroldi Quedenfeldt, Cerambycidae Lamiinae  
 Gellia rugulosa Distant, Pentatomidae  
 Glenea adelpha Thomson, Cerambycidae Lamiinae  
 Glenea fasciata (Fabricius), Cerambycidae Lamiinae  
 Glenea mephisto Thomson, Cerambycidae Lamiinae  
 Glenea quinquelineata Chevrolat, Cerambycidae Lamiinae  
 Glenea sp. , Cerambycidae Lamiinae  
 Gonometa pallens Bethune-Baker, Lasiocampidae  
 Graciella pulchella (Klug), Cerambycidae Lamiinae  
 Gynandrocerus sp. , Anthribidae  
 Habrochila placida Horvath, Tingidae  
 Halyomorpha annulicornis (Signoret), Pentatomidae  
 Halyomorpha viridiscens (Walker), Pentatomidae  
 Helopeltis allaudi Poppius, Miridae  
 Helopeltis bergrothi Reuter, Miridae  
 Helopeltis lalandei (Carayon), Miridae  
 Helopeltis schoutedeni Reuter, Miridae  
 Heterostylus cuspidatus Faust, Curculionidae  
 Hippopsicon victoriae Breuning, Cerambycidae Lamiinae  
 Homoeocerus pallens (Fabricius), Coreidae  
 Homoeogryllus tessellatus Serville, Gryllidae  
 Hoplebaea congoana (Brenske), Scarabaeidae Melolonthinae  
 Hydara tenuicornis (Westwood), Coreidae  
 Hypothenemus arecae (Hornung), Scolytidae

- Hypothenemus ater* (Eggers), Scolytidae  
*Hypothenemus camerunus* (Eggers), Scolytidae  
*Hypothenemus concolor* (Hagedorn), Scolytidae  
*Hypothenemus criticus* (Schedl), Scolytidae  
*Hypothenemus eruditus* (Westwood), Scolytidae  
*Hypothenemus grandis* Schedl, Scolytidae  
*Hypothenemus hampei* (Ferrari), Scolytidae  
*Hypothenemus javanus* (Eggers), Scolytidae  
*Hypothenemus liberiensis* Hopkins, Scolytidae  
*Hypothenemus morio* (Eggers), Scolytidae  
*Hypothenemus mulongensis* Eggers, Scolytidae  
*Hypothenemus pubipennis* (Eggers), Scolytidae  
*Hypothenemus solitarius* (Schedl), Scolytidae  
*Hypothenemus tuberculatus* Hagedorn, Scolytidae  
*Icerya tremae* Vayssiere, Margarodidae  
*Isanates aculeatus* Marshall, Curculionidae  
*Isaniris thomsoni* Faust, Curculionidae  
*Ischnotrachelus anchoralis* Faust, Curculionidae  
*Ischnotrachelus bellus* Hustache, Curculionidae  
*Ischnotrachelus concinnus* Faust, Curculionidae  
*Isora anceps* Mulsant, Coccinellidae  
*Ithiporus stolidus* Hustache, Curculionidae  
*Laemophloeus nebulosus* Grouvelle, Laemophloeidae  
*Latoia vivida* (Walker), Limacodidae  
*Leipoxais crenulata* Bethune-Baker, Lasiocampidae  
*Lepidiota reichei* (Thomson), Scarabaeidae Melolonthinae  
*Leptophloeus janeti* (Grouvelle), Laemophloeidae  
*Leptus* sp. , Erythraeidae  
*Libyaspis flavosparsa* (Montandon), Plataspidae  
*Litocerus* sp. , Anthribidae  
*Macrotoma serripes* (Fabricius), Cerambycidae Prioninae  
*Macrotoma* sp. , Cerambycidae Prioninae  
*Marthmaria catherinetta* Lepesme, Cerambycidae Cerambycinae  
*Mecocerus rhombeus* Quedenfeldt, Anthribidae  
*Mesohomotoma tessmanni* (Aulmann), Psyllidae  
*Microcerotermes parvus* (Haviland), Termitidae  
*Mussidia nigrivenella* Ragonot, Pyralidae  
*Nasutitermes elegantulus* (Sjostedt), Termitidae  
*Neoselenaspis silvaticus* (Lindinger), Diaspididae  
*Neotocerus fausti* Duvivier, Curculionidae  
*Nygmia* sp. , Lymantriidae  
*Odoniella reuteri* Haglund, Miridae  
*Oecophylla longinoda* (Latreille), Formicidae Formicinae  
*Onocephalus subspinosus* Amyot & Serville, Reduviidae  
*Paraivongius chalceatus* (Lefebvre), Chrysomelidae Eumolpinae  
*Paraivongius parvulus* (Jacoby), Chrysomelidae Eumolpinae  
*Paraivongius viridiaeneus* (Jacoby), Chrysomelidae Eumolpinae  
*Parasa carnapi* Karsch, Limacodidae  
*Parastictococcus gowdeyi* (Newstead), Stictococcidae  
*Pegylis* sp. , Scarabaeidae Melolonthinae  
*Peribaea suspecta* (Malloch), Tachinidae  
*Peristenus sahlbergellae* (Wilkinson), Braconidae  
*Petalocnemis* sp. , Coreidae  
*Phacoptera* sp. , Psyllidae  
*Philodicus temerarius* (Walker), Asilidae  
*Phloeus brevis* Jordan, Cerambycidae Lamiinae  
*Phryneta hecphora* (Thomson), Cerambycidae Lamiinae  
*Phrynetoides regia* Aurivillius, Cerambycidae Lamiinae  
*Piezosternum calidum* (Fabricius), Pentatomidae  
*Piezosternum fallax* Breddin, Pentatomidae  
*Planococcus citri* (Risso), Pseudococcidae  
*Planococcus kenyae* (Le Pelley), Pseudococcidae  
*Platybelus flagellifer* Signoret, Membracidae  
*Platypus erichsoni* Chapuis, Platypodidae  
*Plocaederus viridipennis* (Hope), Cerambycidae Cerambycinae  
*Pochazia fasciata* (Fabricius), Ricaniidae  
*Polytoxus wahlbergi* Stal, Reduviidae  
*Proctocera 4-guttata* Aurivillius, Cerambycidae Lamiinae  
*Proctocera senegalensis* Thomson, Cerambycidae Lamiinae  
*Prosopocera bioculata* Hintz, Cerambycidae Lamiinae  
*Pseudoaonidia trilobitiformis* (Green), Diaspididae  
*Pseudococcus longispinus* (Targioni Tozzetti), Pseudococcidae  
*Pseudothaptus devastans* (Distant), Coreidae  
*Pseudotrochalus concolor* Kolbe, Scarabaeidae Melolonthinae  
*Sahlbergella singularis* Haglund, Miridae  
*Sastrapoda vicina* Schouteden, Reduviidae  
*Schedorhinotermes lamanianus* (Sjostedt), Rhinotermitidae  
*Selenothrips rubrocinctus* (Giard), Thripidae  
*Sericocoris acromelanthes* Karsch, Pyrrhocoridae  
*Solenostethium liligerum* (Thunberg), Pentatomidae  
*Sophronica apicenigra* Lepesme & Breuning, Cerambycidae Lamiinae  
*Sphedanolestes picturellus* Schouteden, Reduviidae  
*Sphodromantis bioculata* (Linnaeus), Mantidae  
*Stastiastes glabratus* Faust, Curculionidae  
*Sternotomis variabilis semirufescens* Breuning, Cerambycidae Lamiinae  
*Stictococcus formicarius* Newstead, Stictococcidae  
*Stictococcus sjostedti* Cockerell, Stictococcidae  
*Storeosomus rissi* Labrousse, Brentidae  
*Syntaphocerus pusillus* Lona, Curculionidae  
*Systaniris maynei* (Marshall), Curculionidae  
*Systaniris ramosus* (Marshall), Curculionidae  
*Systates amabilis* Faust, Curculionidae  
*Tantia vicina* (Signoret), Pentatomidae  
*Tessaratomya aethiops* Distant, Pentatomidae  
*Tessaratomya indicta* Distant, Pentatomidae  
*Tetraoponera* sp. , Formicidae Pseudomyrmecinae  
*Theoborus ricini* (Eggers), Scolytidae  
*Theraptus carmelita* (Burmeister), Coreidae  
*Tomicoproctus* sp. , Curculionidae  
*Toxoptera aurantii* (Boyer de Fonscolombe), Aphididae  
*Tragocephala guerini buqueti* Thomson, Cerambycidae Lamiinae  
*Tragocephala guerini* White, Cerambycidae Lamiinae  
*Tragocephala nobilis* (Fabricius), Cerambycidae Lamiinae  
*Tragocephala nobilis castelnaudi* Thomson, Cerambycidae Lamiinae  
*Tragocephala nobilis m maynei* Gahan, Cerambycidae Lamiinae  
*Triodonta procera* Lansberge, Scarabaeidae Melolonthinae  
*Ugada grandicollis* Germar, Cicadidae  
*Xyleborinus subsulcatus* (Eggers), Scolytidae  
*Xyleborus affinis* Eichhoff, Scolytidae  
*Xyleborus africanus* Eggers, Scolytidae  
*Xyleborus alluaudi* (Schaufuss), Scolytidae  
*Xyleborus barumbuensis* Eggers, Scolytidae  
*Xyleborus ferrugineus* (Fabricius), Scolytidae  
*Xyleborus maynei* Schedl, Scolytidae  
*Xyleborus multispinatus* Eggers, Scolytidae  
*Xyleborus parallelus* Eggers, Scolytidae  
*Xyleborus perforans* (Wollaston), Scolytidae



Xyleborus volvulus (Fabricius), Scolytidae  
 Xyloperthella crinitarsis (Imhoff), Bostrichidae  
 Xyloperthella picea (Olivier), Bostrichidae  
 Xyloperthodes nitidipennis Murray, Bostrichidae  
 Xylosandrus crassiusculus (Motschulsky), Scolytidae  
 Zonocerus elegans (Thunberg), Pyrgomorphidae  
 Zonocerus variegatus (Linnaeus), Pyrgomorphidae

### **Zimbabwe**

Armascirus albiziae Den Heyer, Cunaxidae

### **No locality**

Apanteles parasae Rohwer, Braconidae  
 Callichroma elegans (Olivier), Cerambycidae Cerambycinae  
 Coccotrypes medius (Eggers), Scolytidae  
 Corthylus concisus Wood, Scolytidae  
 Corthylus papulans Eichhoff, Scolytidae  
 Corthylus spinifer Schwarz, Scolytidae  
 Dialeuopora papillata Cohic, Aleyrodidae  
 Dryocetoides flavus (Fabricius), Scolytidae  
 Euwallacea interjectus (Blandford), Scolytidae  
 Forcipomyia fuliginosa (Meigen), Ceratopogonidae  
 Forcipomyia pictoni Macfie, Ceratopogonidae  
 Forcipomyia quatei Wirth, Ceratopogonidae  
 Hypothenemus teretis Wood, Scolytidae  
 Paraselenaspis madagascariensis (Mamet), Diaspididae  
 Platypus deyrollei Chapuis, Platypodidae  
 Platypus jansoni Chapuis, Platypodidae  
 Pseudococcus viburni (Signoret), Pseudococcidae  
 Selenaspis kamerunicus Lindinger, Diaspididae  
 Taeniotes farinosa (Linnaeus), Cerambycidae Lamiinae  
 Taurodemus perebeae (Ferrari), Scolytidae  
 Theoborus villosulus (Blandford), Scolytidae  
 Tribolium confusum Duval, Tenebrionidae  
 Trogoderma granarium Everts, Dermestidae  
 Udinia catori (Green), Coccidae  
 Xyleborus commixtus Blandford, Scolytidae  
 Xyleborus dolosus Blandford, Scolytidae  
 Xyleborus squamulatus Eichhoff, Scolytidae

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