African Invertebrates 67(2): 189–232 (2026)
DOI: 10.3897/AfrInvertebr.67.192912

Research Article

Heteroptera (Insecta, Hemiptera) fauna of Eritrea

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Abstract

The suborder Heteroptera, commonly known as "true bugs," represents the largest group within hemi-metabolous insects, comprising over 45,000 species. Eritrea, characterised by a Hot Semi-Arid to Hot Desert Climate, is notable for its four regional centres of vegetation endemism and approximately 430 woody plant species. This study aims to review and update the list of Heteroptera fauna recorded in Eritrea, based on existing historical literature. A total of 136 published works, spanning from 1870 to 2025, were reviewed. In total, 384 species across 236 genera and 40 families have been documented. The family Pentatomidae is the most diverse, with 72 species, followed by Miridae with 59 species. The authors who reported the highest numbers of species records from Eritrea were Mancini, Linnavuori and Schouteden, with 183, 118 and 58 species records, respectively. The specimens were sampled from over 50 localities of the country in which Asmara is the most extensively sampled locality with 115 specimens. The localities are distributed in seven ecoregions of the country, the Ethiopian montane grasslands and woodlands being the most species-rish with 194 species, followed by Ethiopian montane forest with 147 species. Given the changes in climate, agricultural practices and deforestation over the past six decades, the current status of Heteroptera species in Eritrea remains largely unknown. To address this knowledge gap, efforts should be made to promote citizen science, train and deploy native professionals, collaborate with international experts, enrich local and regional natural history museum collections and strengthen research institutions in the country.

Key words: Biodiversity, Heteroptera, historical literature, Insecta, northeast Africa, true bugs

OPEN ACCESS

Academic editor: Caswell Munyai
Received: 27 March 2026
Accepted: 28 August 2026
Published: 28 September 2026

ZooBank: https://zoobank.org/DF49AD05-94F4-4A6E-95D9-3AC993C7AFEB

Citation: Brhane D, Kukorellyné Szénási Á, Kóbor P (2026) Heteroptera (Insecta, Hemiptera) fauna of Eritrea. African Invertebrates 67(2): 189–232. https://doi.org/10.3897/AfrInvertebr.67.192912

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Introduction

The suborder Heteroptera (Hemiptera), commonly known as "true bugs," is the most diverse and largest group within the hemi-metabolous insects. This group comprises over 45,000 species across (Schuh and Weirauch 2020). True bugs are readily recognised by their four-segmented labium, clearly visible triangular scutellum and the hemelytra forewings (Henry 2017; Schuh and Weirauch 2020). Heteropteran insects inhabit a wide range of ecosystems, including aquatic, semi-aquatic and terrestrial habitats, and are the most successful groups amongst hemi-metabolous insects (Schuh and Weirauch 2020; Chao et al. 2022; Men et al. 2022). They play important roles in natural, semi-natural and urban

ecosystems due to their diverse ecological functions, for example, agricultural pests of crops, vectors of plant and animal diseases and agents of biological control (Nogueira et al. 2019; Schuh and Weirauch 2020; Ademokoya et al. 2022).

The diversity of Heteropteran species in a given area is influenced by a combination of factors, including macro- and microclimatic conditions, vegetation composition, seasonal changes, prey-predator interactions and anthropogenic activities (Fauvel 1999; Dias-Silva et al. 2020; Chao et al. 2022; Stoianova 2023). Vegetation plays a crucial role in the survival of all types of Heteropteran species, as it provides shelter, food, diapausing sites, reproduction and egg-laying sites. Therefore, changes in vegetation composition can significantly impact the food web within a habitat (Siemann et al. 1998; Salomão et al. 2019; Schuh and Weirauch 2020; Staab et al. 2023). Furthermore, species of the family Miridae, due to their sensitivity to synthetic pesticides and other ecological disturbances, are considered potentially suitable bioindicators (Fauvel 1999).

Eritrea is located in the north-eastern part of Africa, between 12°22'–18°02'N, 36°02'–43°13'E, covering an area of 124,320 km^2 (Fig. 1). The country is divided into six administrative zones and shares borders with Sudan, Ethiopia, Djibouti and the Red Sea (MoLWE 2021). Eritrea's topography is highly diverse, shaped by its unique geographical features. Elevation ranges from 100 metres below sea level in the Danakil Depression to 3,018 metres above sea level at Mount Soyra (MoA 1998). The country is also divided into six agroecological zones (Fig. 1, Table 1) (Eman 2001; Measho et al. 2019; MoLWE 2021). According to Ministry of Land, Water and Environment (MoLWE 2021), approximately 73% of the population is engaged in agricultural activities, either directly or indirectly.

Based on Köppen-Geiger climate classification (Beck et al. 2023), Eritrea is categorised as having a Hot Semi-Arid Climate or a Hot Desert Climate. The mean temperature ranges from 18 °C in the highlands to 35 °C in the

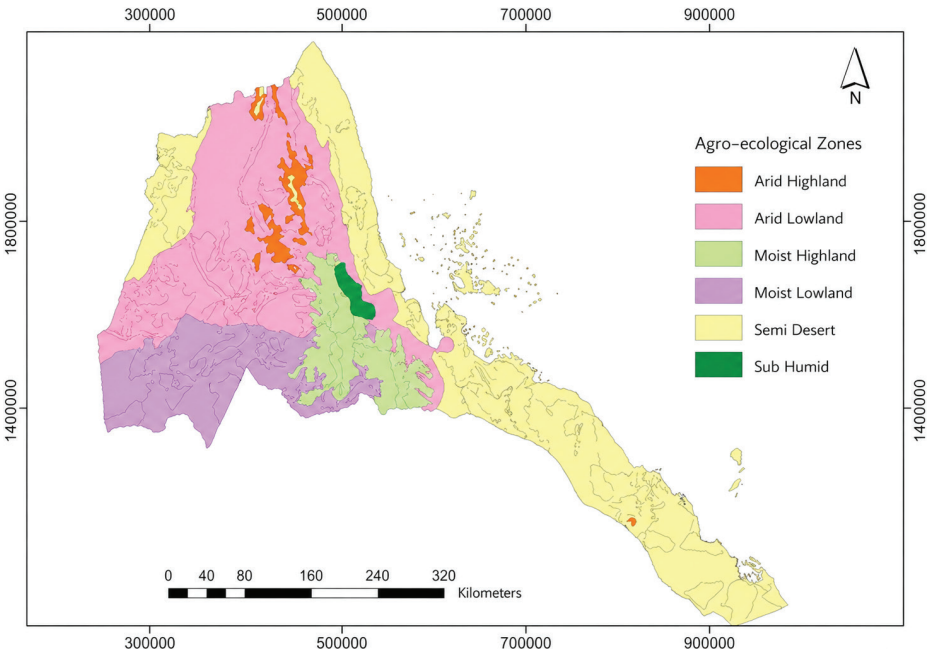

Figure 1. The agroecological zones of Eritrea (Ministry of Land, Water and Environment, MoLWE 2021).

Table 1. Agroecological zones of Eritrea (FAO, 1997, as cited in Ogbazghi (2001)).

Agroecological zone	Agro-climate	Area (%)	Altitude (m)	Rainfall (mm)	Temp (°C)
Green-belt	Sub-humid	1	600–2600	700–1100	16–27
Western Escarpment	Arid highland	3	1600–2600	200–500	15–21
Central Highland	Moist highland	7	1600–3018	500–700	16–21
South-Western Lowland	Moist lowland	16	500–1600	500–800	21–28
North-Western Lowland	Arid lowland	34	400–1600	200–500	21–29
Coastal Plains	Semi-desert	39	< 100–1355	< 200	24–32

lowlands. Annual rainfall varies significantly, from as little as 50 mm along the Red Sea coast to as much as 1,000 mm in the eastern escarpment (green belt) zone, with an average annual precipitation of 334 mm (Measho et al. 2019; MoLWE 2021) (Table 1). Eritrea exhibits diverse climatic conditions, ranging from hot arid climates in the coastal areas to temperate sub-humid microclimates within the eastern escarpment. According to MoA (1998), the majority of the country (72%) experiences very hot conditions with an average temperature of 24 °C, while 14% of the land is classified as mild to cold, with an average temperature of 21.5 °C (Table 1).

Out of the 20 major vegetation maps of Africa, Eritrea is represented by four regional centres of endemism: the Afromontane, Sudanian, Somali-Masai, Sahelian and the Sahara regional transitional zone (White 1983). These regional centres give rise to distinct vegetation types rich in biodiversity, which warrant focused conservation efforts (Ogbazghi and Bein 2007). According to Orioli and Ermias (2022), in Eritrea, there are 430 identified woody plant species, including suffrutices and succulents with woody stems, belonging to 76 botanical families and 226 genera. The vegetation cover of the country is primarily dominated by woodland (33.2%), grassland (14.2%) and cultivated land (14.2%). Additionally, 33.8% of the country has no vegetation (Ghebrezgabher et al. 2019).

The species-richness and diversity of the arthropod fauna of Eritrea have been poorly studied. Since the onset of the Scramble for Africa in 1884, numerous European entomologists and naturalists travelled to Africa, benefitting from the security and logistical support provided by their colonial administrations, which created a more favourable environment for scientific exploration (CABI 2011; Kirk-Spriggs and Sinclair 2017; Hammel 2019; ESA 2021; Worboys 2022; Gamito 2023).

Collection of Eritrean insect specimens including Heteroptera was mainly done by Italian naturalists during the colonial period of Italy, 1890–1941. In 1901, Italian entomologist Alfredo Andreini, in collaboration with the La Specola Zoological Museum in Florence, collected numerous insect species from the country. Later, a substantial number of insects were collected by Achille Tellini (1886–1938) from October 1901 to February 1902. This collection included representatives of the Heteroptera group, which were later studied and published by the Belgian entomologist and zoologist Henri Schouteden (Schouteden 1903, 1905a). Moreover, Cesare Mancini has described considerable amount of heteropteran species collected by Giuseppe Müller, Federico Vaccaro and Marchese Saverio Patrizi and others (Mancini 1954, 1961). Other Italian entomologists, such as Nello Beccari, Cesare Calciati, Matteo Carpano and Paolo Magretti, also contributed to the collections (Conci and Poggi 1996). Moreover, a significant collection of Heteropteran species from Eritrea was made by the

Finnish entomologist Rauno E. Linnavuori during his visit to Eritrea in May 1963 and whose identification of specimens was published in his eight-part series 'Hemiptera of the Sudan and adjacent countries', which includes Eritrea, Ethiopia, Somalia and South Sudan (Linnavuori 1971–1980). These specimens are preserved in natural history museums in various European countries, as well as in the USA and Canada (ESA 2021).

This study aims to provide an updated list of Heteroptera fauna known from Eritrea, based on available literature.

Material and methods

Source of data

For this study, a wide range of monographs, scholarly articles, review articles and government reports were reviewed. These sources were obtained from academic databases such as Biodiversity Heritage Library, Google Scholar, Web of Science, Scopus and PubMed, as well as public libraries and personal documents accessible to the authors.

Considered articles

A total of 136 articles, checklists, monographs and books published between Walker (1870) and Gapon (2025) were considered. The majority of these were written in English, while some were in Dutch, French and Italian. Only publications that included species from Eritrean localities or only Eritrea were considered. However, species in broader regions affiliated with Eritrea with no mention of Eritrea and sources which provides inaccurate information were excluded.

Data organisation

Species collected from localities in Eritrea and exclusively from Eritrea were compiled using Microsoft Excel. The dataset included columns for the taxonomic hierarchy (from family to species), species author, synonyms (if any), localities in Eritrea and citations. Furthermore, the checklist was arranged according to the infraorder and superfamily levels following the classification proposed by Schuh and Weirauch (2020).

Taxonomic validation

This was conducted to ensure the accuracy of species records obtained from published sources. The nomenclature was updated and harmonised using current taxonomic references. Several online databases were consulted for this purpose, including the Lygaeoidea Species File (Pablo and Henry 2026), Integrated Taxonomic Information System (ITIS 2026), Global Biodiversity Information Facility (GBIF.org 2025), Catalogue of Life (Bánki et al. 2026), the European and Mediterranean Plant Protection Organisation (EPPO Global Database 2026) and Catalogue of Palaearctic Heteroptera (Aukema 2026), as well as the Coreoidea Species File Online (CoreoideaSF 2026). These resources were used to confirm the current validity and accepted names of the species.

Distributional map

Localities without GPS coordinates were post-factum georeferenced using GeoPick v.2.1.1 (Zermoglio et al. 2020). The resulting database of spatial data was processed and visualised in QGIS 3.40.3 software using the WWF Terrestrial Ecoregions dataset (Olson et al. 2001).

Authors contributions

For each species listed, the corresponding references or sources were compiled and used to assess the contributions of individual authors to the present manuscript. The authors were organised and analysed, based on three parameters: (i) the number of publications contributed by each author; (ii) publication trends according to the publication year of the cited articles or sources and (iii) the number of species recorded by each author. For the analysis of species records per author, repeated records of the same species by a single author were excluded to avoid duplication and to ensure that each species was counted only once per author.

Results

Climate and landscape change

Over the past decades, Eritrea has experienced a noticeable increase in temperature (+1.7 °C from 1970 to 2014) and a general decline in precipitation (Table 2). These changes have intensified aridity by approximately 9% between 2012 and 2014. Moreover, forest area decreased by more than 50% from 1970 to 2014. Between 1992 and 2020, the total area of field crops increased by 52.9% and horticultural crops by 346.8%, while forest cover declined by over half.

Heteroptera diversity

The Heteropteran records from Eritrea showed a total of 385 species belonging to 236 genera and 40 families (Table 3). Amongst these, family Pentatomidae accounts for the highest number of species with 72 (18.75%) species, followed by Miridae with 59 (15.36%), Reduviidae with 49 (12.76%),

Table 2. Overview of the climate and vegetation changes in Eritrea.

Parameter		Year	Initial	Year	Later	Change/yr	Overall Change	References
Agricultural	Field crop	1992	3270 km^2	2020	5000.9 km^2	1.89 km^2	52.90%	MoA (2021)
	Horticultural crop	1992	49.21 km^2	2020	219.87 km^2	12.39 km^2	346.80%	MoA (2021)
Forest	Forest cover	1970	2966 km^2	2014	1401 km^2	1.19 km^2	-52.76%	Bein et al. (1996); MoLWE (1997); Ogbazghi and Bein (2006); Ghebrezgabher et al. (2016)
	Mangrove	1994	89 km^2	2022	102 km^2	0.52 km^2	14.60%	UNESCO (2022)
Climate	Temperature	1970		2014		0.027 °C	+1.7 °C	Measho et al. (2019)
	Precipitation	1970		2014		0.24 mm	-	Measho et al. (2019)
	Desertification	1970	38.5%	2014	66.9%	0.65%	28.4%	Ghebrezgabher et al. (2019)

Table 3. List of Heteropteran species from Eritrea.

Family	Genus / Species	Author	Synonymous	Localities	References
Nepidae	*Laccotrephes annulipes dubius*	Poisson, 1957	*Laccotrephes vicinus* (Signoret, 1863)	-	Linnavuori 1971c
Nepidae	*Laccotrephes erekhtheus*	Linnavuori, 1971	-	Keren, Massawa, Ailet, Ghinda, Asmara	Linnavuori 1971b, 1971c
Nepidae	*Laccotrephes* (*Laccotrephes*) *collarti*	Poisson, 1940	-	Asmara	Dupin 1973
Nepidae	*Laccotrephes* (*Laccotrephes*) *fabricii*	Stål, 1868	-	Pozzi Giarabà [=near Tokombiya], Asmara	Mancini 1961; Dupin 1973
Ochteridae	*Ochterus marginatus marginatus*	(Latreille, 1804)	*Pelogonus marginatus* (Latreille, 1804)	-	Montandon 1897
Corixidae	*Corixa monticola*	Linnavuori, 1971	*Parasigara multilineata* Dupin, 1973	Adi Caiè [=Adi Keyh]	Dupin 1973
Corixidae	*Glaenocorisa hugoscotti*	Hutchinson, 1930	*Pseudoglaenocorixa hugoscotti* Hutchinson, 1930	Hamasien [=around Asmara], Dorfu [=Durfo]	Mancini 1954
Corixidae	*Sigara* (*Tropocorixa*) *lundbladiana*	Hutchinson, 1932	-	Adi Ugri [=Mendefera]	Dupin 1973
Corixidae	*Sigara* (*Tropocorixa*) *pectoralis*	Fieber, 1851	-	Hamasien [=around Asmara], Dorfu [=Durfo]; Adi Ugri [=Mendefera]	Mancini 1954, 1961; Dupin 1973
Micronectidae	*Micronecta dimidiata*	Poisson, 1928	-	Hamasien [=around Asmara]; Adi Caiè [=Adi Keyh], Adi Ugri [=Mendefera], Asmara, Saganeiti [=Segheneyti]	Mancini 1961; Dupin 1973
Micronectidae	*Micronecta* (*Basileonecta*) *scutellaris*	(Stål, 1858)	*Sigara scuttellaris* Stal, 1858; *Micronecta bejazana* Brown, 1951	Agordat	Mancini 1954
Naucoridae	*Heleocoris linnavuorii amaricus*	Linnavuori, 1971	-	Asmara, Dogali, Embatcalla [= Imbatikala], Decamere [=Dekemhare]	Linnavuori 1971c
Naucoridae	*Laccocoris limigenus*	Stal, 1865	*Laccocoris aurivillii* Montandon, 1897	Dorfu [=Durfo], Asmara; Hamasien [=around Asmara], Mai Habar	Mancini 1954, 1961
Naucoridae	*Laccocoris limigenus limigenus*	Stal, 1865	-	Adi Ugri [=Mendefera]	Dupin 1973
Naucoridae	*Naucoris* (*Naucorisella*) *kenyalis*	Poisson, 1949	*Naucoris obscuratus kenyalis* Poisson, 1949	Keren, Massawa, Ailet, Ghinda, Asmara	Linnavuori 1971c
Notonectidae	*Anisops decipiens*	Hutchinson, 1930	-	-	Linnavuori 1971c
Notonectidae	*Anisops gobana*	Poisson, 1940	-	Asmara, Adi Ugri [=Mendefera], Cheren [=Keren]	Lansbury 1961; Dupin 1973
Notonectidae	*Anisops pseudotuberculatus*	Poisson, 1955	-	Hamasien [=around Asmara]	Poisson 1955
Notonectidae	*Anisops pugnax dorfui*	Poisson, 1955	-	Dorfu [=Durfo]	Poisson 1955
Notonectidae	*Anisops varius*	Fieber, 1851	-	Dorfu [=Durfo]	Mancini 1961; Kment and Carapezza 2022
Notonectidae	*Enithares sobria*	Stål, 1855	-	Dorfu [=Durfo], Pozzi Giarabà [=near Tokombiya]	Mancini 1954, 1961

Family	Genus / Species	Author	Synonymous	Localities	References
Notonectidae	*Enithares v-flavum*	Reuter, 1882	-	Dorfu [=Durfo]	Kirkaldy 1904; Mancini 1954
Pleidae	*Paraplea pullula*	(Stål, 1855)	*Plea pullula* Stål, 1855	Sardo [=Sarda]; Adi Caiè [=Adi Keyh], Asmara	Mancini 1961; Dupin 1973
Gelastocoridae	*Nerthra grandicollis*	(Germar, 1837)	-	Cheren [=Keren]	Todd 1955
Mesoveliidae	*Mesovelia vittigera*	Horváth, 1895	-	Sardo [=Sarda]	Mancini 1961
Hydrometridae	*Hydrometra albolineolata*	Reuter, 1882	-	Ghinda, Dorfu [=Durfo], Gura*	Mancini 1954, 1961
Gerridae	*Gerris swakopensis*	Stål, 1858	-	Ghinda, Dorfu [=Durfo], Hamasien [=around Asmara], Gura	Mancini 1954, 1961
Gerridae	*Gerris* (*Gerris*) *zuqualanus*	Poisson, 1940	*Gerris* (*Gerris*) *zuqualana* Poisson, 1940	Adi Ugri [=Mendefera]	Dupin 1973
Gerridae	*Halobates hayanus*	White, 1883	-	Melita Bay [=Gulf of Zula]	Schmidt and Müller 1973; Román-Palacios et al. 2020; Kment and Carapezza 2022
Gerridae	*Halobates melleus*	Linnavuori, 1971	*Halobates* (*Halobates*) *mangrovensis* Schmidt & Mueller, 1973	Melita Bay [=Gulf of Zula]	Schmidt and Müller 1973; Polhemus and Polhemus 1991; Román-Palacios et al. 2020; Kment and Carapezza 2022
Veliidae	*Tenagovelia sjoestedti*	Kirkaldy, 1908	-	Dorfu [=Durfo]	Mancini 1954
Leptopodidae	*Valleriola assouanensis*	(Costa, 1875)	-	Dorfu [=Durfo]	Mancini 1954
Saldidae	*Saldula katonai*	(Drake & Hoberlandt, 1950)	-	Assab	Drake and Hoberlandt 1950
Reduviidae	*Acanthaspis burgeoni*	Schouteden, 1952	-	Gundet, Ghenda [=Ghinda]	Schouteden 1952
Reduviidae	*Caprocethera mangenoti*	(Villiers, 1951)	-	-	Guilbert and Chłond 2009
Reduviidae	*Coranopsis dispar*	Schouteden, 1909	-	Adi Agri [=Mendefera]	Schouteden 1909a
Reduviidae	*Coranus aegypticus*	(Fabricius, 1773)	*Cimex aegyptius* Fabricius, 1775	Zula	Mancini 1954
Reduviidae	*Coranus arenaceus*	Walker, 1870	-	Harkeko [=Hirgigo], Docali [=Dogali]	Walker 1870; Linnavuori 1986a
Reduviidae	*Coranus metallicus*	Lethierry, 1883	-	Cheren [=Keren]	Mancini 1954
Reduviidae	*Coranus paradoxus*	Lethierry, 1883	-	Asmara	Mancini 1954
Reduviidae	*Coranus ventralis*	Lethierry, 1880	-	Asmara	Mancini 1954
Reduviidae	*Cosmolestes aethiopicus*	(Stål, 1858)	-	F. Ansela [=Anseba river], Tessenei [=Teseney]	Schouteden 1906a; Mancini 1954
Reduviidae	*Cosmolestes pictus*	(Klug, 1830)	-	Dorfu [=Durfo]	Mancini 1954
Reduviidae	*Ectomocoris cruciger*	(Fabricius, 1803)	-	Cheren [=Keren], Saganeiti [=Segeneyti], Embatkalia [=Embatikala]	Mancini 1954
Reduviidae	*Ectomocoris klugi*	Schouteden, 1909	*Ectmetocoris klugi* Schouteden, 1909	Adi Agri [=Mendefera]	Schouteden 1909a
Reduviidae	*Ectomocoris ochropterus*	Stål, 1866	*Ectomocoris posticus* Distant, 1902	Tessenei [=Teseney]	Mancini 1954; Ambrose et al. 2007; Ghahari et al. 2011; Mukherjee and Hassan 2016; Mahto and Keshari 2020

Family	Genus / Species	Author	Synonymous	Localities	References
Reduviidae	*Ectomocoris* (*Ectomocoris*) *fenestratus*	(Klug, 1830)	*Pirates bimaculatus* Serville, 1931; *Reduvius fenestratus* Klug, 1830	Godofelassi [=Kudo felasi], Tessenei [=Teseney]	Cannaviello 1900; Mancini 1954
Reduviidae	*Ectrichodia splendens*	Schouteden, 1906	-	Saganeiti [=Segeneiti], Adi-Agri [=Mendefera], Adi Caié [=Adi keyh], Adi Ugri [=Mendefera]	Schouteden 1906b
Reduviidae	*Glymmatophora* (*Glymmatophora*) *schoutedeni*	Horváth, 1906	-	Adi-Ugri [=Mendefera], Asmara	Horváth 1914; Mancini 1954
Reduviidae	*Hediocoris tibialis*	(Stål, 1855)	*Harpactor tibialis* (Stål, 1855)	Asmara	Mancini 1954
Reduviidae	*Leptacanthaspis chiaromontei*	Mancini, 1940	-	Dancalia	Mancini 1961
Reduviidae	*Lestomerus bicolor*	Villiers, 1948	-	Tessenei [=Teseney]	Mancini 1961
Reduviidae	*Lestomerus spinipes*	Serville, 1831)	-	Tessenei [=Teseney]	Mancini 1954
Reduviidae	*Lisarda picta*	Schouteden, 1909	-	Adi Agri [=Mendefera]	Schouteden 1909a
Reduviidae	*Lopodytes grassator*	Stål, 1855	-	Cheren [=Keren]	Schouteden 1906a
Reduviidae	*Oncocephalus anulipes*	Stål, 1855	-	Tessenei [=Teseney], Dorfu [=Durfo], Asmara, Beresa	Mancini 1954
Reduviidae	*Oncocephalus muelleri*	Mancini, 1946	-	Tessenei [=Teseney]*	Mancini 1954
Reduviidae	*Oncocephalus notatus*	(Klug, 1830)	-	Arafali [=Erafayle]	Mancini 1954
Reduviidae	*Oncocephalus obsoletus*	(Klug, 1830)	-	Tessenei [=Teseney]	Mancini 1954
Reduviidae	*Oncocephalus pilicornis*	(Herrich-Schaeffer, 1835)	-	Arafali [=Erafayle], Massaua [=Massawa]	Mancini 1954
Reduviidae	*Paraplynus lugubris*	(Stål, 1865)	*Paraplynus lugubris* Stål, 1865	Tessenei [=Teseney]	Mancini 1954
Reduviidae	*Pasira basiptera*	Stål, 1859	-	Tessenei [=Teseney]	Mancini 1954
Reduviidae	*Peirates strepitans*	Rambur, 1839	*Pirates rufescens* Villiers, 1948; *Cleptocoris strepitans* (Rambur, 1839); *Peirates niger* Wollaston, 1858	Asamra, Cheren [=Keren], Dorfu [=Durfo]	Mancini 1954
Reduviidae	*Peirates tellinii*	Schouteden, 1906	*Pirates* (*Gleptocoris*) *tellinii* Schouteden, 1906	Teclezan [=Aditekelezan], S.Negus [=Shimangus], Oismara [=Asmara]*	Schouteden 1906a; Coscaron and Morrone 1995
Reduviidae	*Phalantus collaris*	(Gerstaecker, 1892)	-	Faghenà	Mancini 1961
Reduviidae	*Phonergates* (*Ciopophora*) *stali*	Schouteden, 1910	*Phonergates stali* Reuter, 1881	Keren	Jeannel 1919
Reduviidae	*Phonoctonus nigrofasciatus*	Stål, 1855	-	-	Bugaj-Nawrocka and Chłond 2021
Reduviidae	*Phonolibes bicolor*	Schouteden, 1909	*Phonolibes bimaculatus* Schouteden, 1909	Adi Agri [=Mendefera]	Schouteden (1909a, 1909b)
Reduviidae	*Pirates bimaculatus*	Serv.	-	Godofelassi [=Kudo felasi]	Cannaviello 1900
Reduviidae	*Pseudophonoctonus formosus*	(Distant, 1902)	-	Dorfu [=Durfo]	Mancini 1961
Reduviidae	*Putoniola vaulogeri vaulogeri*	(Montandon, 1897)	-	-	Linnavuori 1986a
Reduviidae	*Reduvius garellii*	Mancini, 1954	-	Ghinda, Arafali [=Erafayle], Cheren [=Keren],	Mancini 1954

Family	Genus / Species	Author	Synonymous	Localities	References
Reduviidae	*Reduvius minutus*	(Reuter, 1881)	-	Sardo [=Sarda]	Mancini 1961
Reduviidae	*Reduvius nigricans*	Klug, 1830	-	Cheren [=Keren], Arafali [=Erafayle], Massaua [=Massawa]	Mancini 1954
Reduviidae	*Rhaphidosoma circumvagans*	Stål, 1855	-	Cheren [=Keren]	Schouteden 1906a
Reduviidae	*Rhynocoris rufipes*	(Bolivar, 1879)	*Harpactor rufipes* (Bolivar, 1879)	Faghenà, Baresa, Asmara, Dorfu [=Durfo]	Mancini 1954
Reduviidae	*Rhynocoris segmentarius*	(Germar, 1837)	*Rhinocoris segmentarius* (Germar, 1837)	Cheren [=Keren]	Schouteden 1906a
Reduviidae	*Rhynocoris violentus*	(Germar, 1837)	*Harpactor violentus* Germar, 1837	Asmara	Mancini 1954
Reduviidae	*Sphedanolestes nanus meruensis*	(Stål, 1855)	-	Tessenei [=Teseney]	Mancini 1954
Reduviidae	*Sphedanolestes pulcher pulcher*	Schouteden, 1906	-	Baresa	Schouteden 1906a; Mancini 1954; Stys 1977; Linnavuori and van Harten 1997
Reduviidae	*Tribelocephalus patrizii*	Villiers, 1943	-	Tessenei [=Teseney], Ducam [=Dukambia], Ugaròbia [=?]	Mancini 1954, 1956
Reduviidae	*Vestula lineaticeps*	(Signoret, 1858)	*Vestula paupera* Stål, 1865	Dongollo	Schouteden 1906a
Pachynomidae	*Pachynomus picipes*	Klug, 1830	-	Tessenei [=Teseney], Adi Ugri [=Mendefera], Kesadgua [=Ksad Eqa]	Mancini 1954; Carayon and Villiers 1968
Nabidae	*Himacerus corixipennis*	(Bergroth, 1912)	-	Dorfu [=Durfo]	Mancini 1961
Nabidae	*Nabis* (*Tropiconabis*) *capsiformis*	Germar, 1838	-	Zula, Massaua [=Massawa]	Mancini 1954
Nabidae	*Prostemma concinnum*	Walker, 1873	*Nabis eva* Kirkaldy, 1901; *Prostemma eva* Kirk	Asmara	Kirkaldy 1901; Mancini 1954
Anthocoridae	*Lyctocoris campestris*	(Fabricius, 1794)	-	Massaua [=Massawa]	Mancini 1961
Anthocoridae	*Orius* (*Orius*) *niger*	(Wolff, 1811)	-	-	Poppius 1909
Anthocoridae	*Xylocoris afer*	(Reuter, 1884)	-	Agordat	Poppius 1909; Yamada and Yagi 2022
Polyctenidae	*Eoctenes nycteridis*	(Horvath, 1910)	-	Sembel, Asmara	Maa 1961
Miridae	*Aeolocoris alboconspersus*	Reuter, 1903	*Carinonotus phytocoroides* Lindberg, 1956; *Saharocylapus vidali* Wagner, 1959	Ailet	Linnavuori 1996
Miridae	*Alloeomimus hilaris*	Linnavuori, 1975	-	Embatcalla [=Imbatikala], Dogali, Asmara	Linnavuori 1975a, 1996
Miridae	*Aloea cunealis persimilis*	Linnavuori, 1975	-	Asmara, Dogali, Embatcalla [=Imbatikala], Decamere [=Dekemhare]*	Linnavuori 1975a
Miridae	*Aphaenophyes richteri*	(Wagner, 1957)	-	Tessenei [=Teseney]	Linnavuori 1993a
Miridae	*Aspidacanthus clavipes*	Linnavuori, 1996	-	Asmara, Decamere [=Dekemhare]	Linnavuori 1996
Miridae	*Aspidacanthus globicollis*	Linnavuori, 1975	-	Asmara, Dogali, Embatcalla [=Imbatikala], Decamere [=Dekemhare]	Linnavuori 1975a
Miridae	*Auchenocrepis alboscutellata*	Puton, 1874	-	Setit [=Setit river]	Poppius 1914; Linnavuori 1975a

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Miridae	*Badezorus signaticornis*	(Reuter, 1904)	*Chamaepsallus signaticornis* (Reuter, 1904)	Tessenei [=Teseney], Ailet	Linnavuori 1975a, 1993a
Miridae	*Campylomma leucochila*	(Reuter, 1905)	*Sthenarus leucochilus* Reuter, 1905	Ghinda	Poppius 1914; Odhiambo 1960
Miridae	*Campylomma acaciae*	Linnavuori, 1961	-	Keren, Asmara, Ailet, Tessenei [=Teseney]	Linnavuori 1993a; Konstantinov et al. 2016
Miridae	*Campylomma nigrifemur*	Wagner, 1976	*Sthenaropsis pallida* Wagner, 1957	-	Konstantinov et al. 2016
Miridae	*Campylomma unicolor*	Poppius, 1914	-	Ailet	Linnavuori 1993a; Konstantinov et al. 2016
Miridae	*Campylomma verbasci*	(Meyer-Dür, 1843)	*Campylomma zizyphi* Puton & Reuter, 1886; *Campylomma nicolasi* Puton & Reuter, 1883	Massaua [=Massawa], Beresa	Mancini 1954; Linnavuori 1975a
Miridae	*Campyloneuropsis annulatus*	Poppius, 1914	*Cyrtopeltis* (*Singhalesia*) *virgator* Linnavuori, 1975	Massawa, Ailet	Linnavuori 1975a
Miridae	*Campyloneuropsis pavoniae*	(Linnavuori, 1975)	*Cyrtopeltis* (*Singhalesia*) *pavoniae* Linnavuori, 1975	Decamere [=Dekemhare]	Linnavuori 1975a
Miridae	*Compsidolon* (*Apsinthophylus*) *torridum*	Linnavuori, 1975	-	Keren, Asmara, Dogali, Embatcalla [=Imbatikala], Decamere [=Dekemhare]	Linnavuori 1975a, 1993a
Miridae	*Creontiades tellinii*	(Reuter, 1905)	*Pantiliodes tellinii* Reuter, 1905	Dongolo, Dorfu [=Durfo], Zula*	Schouteden 1906a; Mancini 1954
Miridae	*Deraeocoris tibialis*	(Reuter, 1903)	*Camptobrochis tibialis* Reuter, 1903	Cheren [=Keren], Adi Agri [=Mendefera]	Reuter 1903, 1905; Poppius 1912
Miridae	*Deraeocoris* (*Afroderaeus*) *inflaticeps*	Linnavuori, 1975	-	Keren, Asamra, Dogali, Embatcalla [=Imbatikala]*	Linnavuori 1975a
Miridae	*Dichelocentrum longirostre*	(Reuter, 1905)	*Polymerus longirostris* Reuter, 1905	Massauah [=Massawa]	Linnavuori 1977a; Gapon 2014
Miridae	*Dolichomiris punctipes*	Poppius, 1912	-	Fagana [=Fagena]	Mancini 1954
Miridae	*Eurycranella geocoriceps*	Reuter, 1904	-	Docali [=Dogali], Tessenei [=Teseney]	Linnavuori 1975a, 1993a, 2010
Miridae	*Eurystylus bellevoyei*	(Reuter, 1879)	-	Tessenei [=Teseney], Agordat, Massawa, Ghinda	Poppius 1912; Mancini 1961; Linnavuori 1975a
Miridae	*Hallodapus costae*	(Reuter, 1890)	*Hallodapus costai* Linnavuori, 1993; *Hallodapus costi* Linnavuori, 1986; *Hallodapus longicornis* Reuter, 1904	Ghinda	Linnavuori 1973, 1996; Linnavuori et al. 2014
Miridae	*Halticus tibialis*	Reuter, 1891	-	Ghinda	Linnavuori 1994
Miridae	*Hyalosomella gracilis*	Poppius, 1914	-	Keren, Asmara	Linnavuori 1975a, 1994
Miridae	*Indatractus pantherinus*	Linnavuori, 1975	-	Massawa, Ailet	Linnavuori 1975a, 1986a,1993a; Linnavuari and van Harten 1997; Schuh and Menard 2013

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Miridae	*Lygidolon eddamer*	Linnavuori, 1974	-	Adi-Keih	Linnavuori 1975a
Miridae	*Lygidolon elegans*	Linnavuori, 1970	-	near Addi Caieh (Adi Kaie) [=Adi Keyh]	Linnavuori 1975a
Miridae	*Lygus capicola*	(Stal, 1859)	-	Asmara	Mancini 1954
Miridae	*Lygus schoutedeni*	Reuter, 1905	-	Asmara, Keren*	Schouteden 1906a
Miridae	*Megacoelum pellucens*	Puton, 1881	*Megacoelum persimile* Reuter, 1903	Massaua [=Massawa]	Reuter 1903
Miridae	*Myiomma juniperinum*	Linnavuori, 1975	*Myiomma juniperina* Linnavuori, 1975	Addi Caieh [=Adi keyh]*	Linnavuori 1975a
Miridae	*Nesidiocoris kristenseni*	(Poppius, 1914)	-	Gumer [=?]	Poppius 1914
Miridae	*Oreolygus junipericolus junipericolus*	Linnavuori, 1975	-	Asmara, Addi Caieh (Adi Kaie) [=Adi Keyh]*	Linnavuori 1975a
Miridae	*Oreolygus viridipennis*	Linnavuori, 1975	-	Asmara, Addi Caieh (Adi Kaie) [=Adi Keyh]	Linnavuori 1975a, 1986a
Miridae	*Orthops suturellus*	(Poppius, 1910)	*Lygus suturellus* Reuter, 1891	-	Linnavuori 1973, 1975a
Miridae	*Orthotylus* (*Melanotrichus*) *arabicus*	Wagner, 1962	-	Massawa, Docali [=Dogali]	Linnavuori 1994; Ribera and Blasco-Zumeta 1998
Miridae	*Orthotylus* (*Melanotrichus*) *pusillus*	Reuter, 1883	-	-	Linnavuori 1975a
Miridae	*Orthotylus* (*Orthotylus*) *massawanus*	Linnavuori, 1975	-	Massawa, Ailet*	Linnavuori 1975a, 1994
Miridae	*Orthotylus* (*Orthotylus*) *priesneri*	Schmidt, 1939	-	Asmara, Decamere [=Dekemhare]	Linnavuori 1975a, 1986a, 1994
Miridae	*Oxacicoris bimaculicollis*	Reuter, 1905	-	Ghinda, Massauah [=Massawa]	Reuter 1905; Linnavuori 1975a; Chérot 2013
Miridae	*Peritropis linnavuorii*	Gorczyca, 2000	-	Ailet*	Gorczyca 2000
Miridae	*Pilophorus pilosus*	Odhiambo, 1959	-	-	Linnavuori 1975a
Miridae	*Plagiognathidea aervae*	(Lindberg, 1958)	-	Ailet, Massawa, Docali [=Dogali]	Linnavuori 1975a, 1986a, 1993a; Linnavuori and van Harten 1997
Miridae	*Pleurochilophorus quadripunctatus*	Reuter, 1905	-	Ghlinda Saati [=Ghinda]	Reuter 1905; Schouteden 1906a; Linnavuori 1974
Miridae	*Proboscidocoris punctaticollis*	Reuter, 1905	-	Massauah [=Massawa]	Linnavuori 1989
Miridae	*Stenotus distinctus*	Reuter, 1905	-	Adi Agri [=Mendefera]	Reuter 1905
Miridae	*Stenotus longipennis*	Reuter, 1905	-	Asmara, Cheren [=Keren]	Schouteden 1906a; Linnavuori 1974
Miridae	*Taylorilygus apicalis*	(Fieber, 1861)	-	Adi Agri [=Mendefera]	Reuter 1905
Miridae	*Tuponia* (*Chlorotuponia*) *concinnoides*	Linnavuori, 1961	-	Docali [=Dogali]	Linnavuori 1975a, 1993a; Linnavuari and van Harten 1997
Miridae	*Tuponia* (*Chlorotuponia*) *diversa*	Linnavuori, 1975	-	Dogali	Linnavuori 1975a; Linnavuari and van Harten 1997; Linnavuori et al. 2014
Miridae	*Tuponia* (*Chlorotuponia*) *guttata*	Wagner, 1950	*Tuponia* (*Chlorotuponia*) *longipennis guttata* Linnavuori, 1975	Docali [=Dogali]	Linnavuori 1975a, 1986a, 1993a, 2010; Linnavuori et al. 2014

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Miridae	*Tuponia* (*Chlorotuponia*) *juniperina*	(Linnavuori, 1975)	*Aphaenophyes juniperinus* Linnavuori, 1975	Addi Caieh [=Adi-Keyh]	Linnavuori 1975a, 1993a
Miridae	*Tuponia* (*Chlorotuponia*) *ornatipes*	Linnavuori, 1975	-	Docali [=Dogali]	Linnavuori 1975a, 1993a; Linnavuori and van Harten 1997
Miridae	*Tuponia* (*Tuponia*) *tamaricicola*	Lindberg, 1939	-	Tessenei [=Teseney]	Linnavuori 1993a
Miridae	*Yotvata* (*Godataira*) *ectagela*	(Linnavuori, 1975)	*Godataira ectagela* Linnavuori, 1975	Massawa	Linnavuori 1975a, 1993a
Miridae	*Yotvata* (*Yotvata*) *picticornis*	(Horvath, 1913)	*Compsidolon acacicola* Linnavuori, 1961	Tessenei [=Teseney]	Linnavuori 1975a, 1993a; Linnavuori et al. 2014
Miridae	*Zanchius breviceps*	(Wagner, 1951)	-	Docali [=Dogali]	Linnavuori 1975a, 1994; Çerçi et al. 2019
Tingidae	*Cysteochila pallens*	Horváth, 1915	-	Nefasit, Mediopiano orientale [=Nefasit]	Horváth et al. 1915; Silvestri 1915; De Lotto 1947; Göllner-Scheiding 2004
Tingidae	*Dictyla nassata vulcanorum*	(Schouteden, 1953)	*Monanthia nassata* Puton, 1874	Saganeiti [=Segeneiti], Adi Agri [=Mendefera]	Horváth 1906; Göllner-Scheiding 2004
Tingidae	*Galeatus scrophicus*	Saunders, 1876	-	altopiano [=Asmara]	De Lotto and Nastasi 1955
Tingidae	*Agramma sidae*	Linnavuori, 1977	-	Decamere [=Dekemhare]*	Linnavuori 1977b; Göllner-Scheiding 2004
Tingidae	*Ammianus tellinii*	(Schouteden, 1916)	*Phyllontocheila tellinii* Schouteden, 1916	Adi Ugri [=Mendefera]*	Schouteden 1916; Göllner-Scheiding 2004
Tingidae	*Cantacader divisus*	Bergroth, 1908	-	Ailet	Lis 2003
Tingidae	*Cochlochila* (*Cochlochila*) *bullita*	(Stål, 1873)	-	-	Rodrigues 1982a; Göllner-Scheiding 2004; Deckert and Gollner-Scheiding 2006
Tingidae	*Dictyonota scutellaris*	Linnavuori, 1977	-	Tessenei [=Teseney]*	Linnavuori 1977b; Göllner-Scheiding 2004
Tingidae	*Elasmotropis testacea vicina*	(Herrich-Schaeffer, 1830)	-	-	Linnavuori 1977b
Tingidae	*Phaenotropis cleopatra*	(Horváth, 1905)	-	-	Linnavuori 1977b
Tingidae	*Plerochila australis*	(Distant, 1904)	-	Asmara	Rodrigues 1984
Tingidae	*Sinuessa subinermis*	(Horváth, 1910)	*Phyllontocheila subinermis* Horváth, 1910	Cheren [=Keren]	Schouteden 1916; Mancini 1954; Rodrigues 1982b; Göllner-Scheiding 2004; Deckert and Gollner-Scheiding 2006
Pentatomidae	*Acrosternum heegeri*	(Fieber, 1861)	*Nezara heegeri* (Fieber, 1861)	Subarguma	Schouteden 1905a
Pentatomidae	*Acrosternum millierei*	(Mulsant & Rey, 1866)	*Nezara millierei* Mulsant & Rey, 1866	Tessenei [=Teseney]	Mancini 1954; Linnavuori 1972a
Pentatomidae	*Adria parvula*	(Dallas, 1851)	-	Tessenei [=Teseney]	Mancini 1954
Pentatomidae	*Aeliomorpha eremita*	Linnavuori, 1975	-	Ghinda	Linnavuori 1975b
Pentatomidae	*Aeliomorpha natalicola*	(Stål, 1853)	-	Sabaguma [=Subarguma], Asmara, Cheren [=Keren]	Schouteden 1905a

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Pentatomidae	*Aeliomorpha pumila*	(Stål, 1853)	-	Asmara	Mancini 1954
Pentatomidae	*Aeliomorpha simulans*	Stål, 1858	-	Halibaret [=Elabered]	Schouteden 1905a
Pentatomidae	*Afrius purpureus*	(Westwood, 1837)	*Canthecona purpureus* Westwood, 1837	-	Schouteden 1905b; Roell et al. 2019
Pentatomidae	*Agonoscelis haroldi*	Bergroth, 1908	*Agonoscelis horvathi* Jensen-Haarup, 1920	Cullucù [=Gulij]	Jensen-Haarup 1920; Mancini 1961; Linnavuori 1975b
Pentatomidae	*Agonoscelis puberula*	Stål, 1853	*Agonoscelis brevicornis* Jensen-Haarup, 1920	Asamra, Cheren [=Keren], Altopiano (Adi Ugri) [=Mendefera]	Schouteden 1905a; Jensen-Haarup 1920; De Lotto and Nastasi 1955; Linnavuori 1975b
Pentatomidae	*Agonoscelis sansibarica*	Harold, 1879	-	Archico [=Hirgigo], J. Shumna [=?], Asmara	Schouteden 1905a
Pentatomidae	*Agonoscelis versicoloratus*	(Turton, 1802)	*Agonoscelis versicolor* (F.)	Keren, Bassopiano occidentale [=Gulij], altopiano [=Asmara], Bassopiano occidentale (Gollui) [=Gulij], Asmara	Schouteden 1905a; De Lotto 1948a, 1950; Mancini 1954; De Lotto and Nastasi 1955
Pentatomidae	*Anchesmus rubriplaga*	(Walker, 1867)	*Rhaphigaster rubriplaga* Walker, 1867	Tessenei [=Teseney]	Linnavuori 1975b
Pentatomidae	*Andrallus spinidens*	(Fabricius, 1787)	-	Asmara	Mancini 1954
Pentatomidae	*Bagrada* (*Bagrada*) *hilaris*	(Burmeister, 1835)	*Cimex hilaris* Burmeister, 1835	Glinda [=Ghinda]*	Schouteden 1905a
Pentatomidae	*Bagrada* (*Ayeshella*) *poecila*	(Klug, 1845)	*Bagrada finitima* Horváth, 1936	Asmara, Dancalia	Horváth 1936; Mancini 1961; Linnavuori 1986a
Pentatomidae	*Basicryptus plicata plicatus*	(Reiche & Fairmaire, 1847)	*Phyllocephala plicata* Reiche & Fairmaire, 1847; *Basicryptus plicatus* Reiche & Fairmaire, 1847	Asmara	Mancini 1954
Pentatomidae	*Bolbocoris rufus*	(Westwood, 1837)	-	Asmara, Cheren [=Keren]	Schouteden 1903; Schouteden 1905a; Mancini 1954
Pentatomidae	*Bolbocoris variolosus*	(Germar, 1839)	-	Keren-Algos [=Keren-?)	Schouteden 1903
Pentatomidae	*Brachynema cinctum*	(Fabricius, 1775)	-	Zula, Massawa, Massaouah [=Massawa]	Mancini 1954; Linnavuori 1975b; Ribes and Schmitz 1992
Pentatomidae	*Carbula abdominalis*	(Signoret, 1861)	-	Arafali [=Erafaile]	Mancini 1954
Pentatomidae	*Carbula decorata*	(Signoret, 1861)	-	Tessenei [=Teseney]	Mancini 1954
Pentatomidae	*Carbula limpoponis*	(Stål, 1854)	*Carbula marginella* (Thunberg, 1822)	Arafali [=Erafaile], Ailet	Mancini 1954
Pentatomidae	*Carpocoris mediterraneus mediterraneus*	Tamanini, 1958	-	Massawa	Tamanini 1959; Katbeh et al. 2000
Pentatomidae	*Caura rufiventris singeri*	Distant, 1910	-	-	Linnavuori 1970b
Pentatomidae	*Codophila maculicollis*	Dallas, 1851	-	Seganeiti [=Segeneyti]	Mancini 1954
Pentatomidae	*Diploxys acanthura*	(Westwood, 1837)	*Megarhynchus acanthurus* Westwood, 1837	Halibaret Bancaga [=Elabered ?]	Schouteden 1905a
Pentatomidae	*Diploxys cordofana*	(Mayr, 1864)	*Ancyrocoris cordofanus* Mayr, 1864	Asmara, Cheren [=Keren]	Schouteden 1905a

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Pentatomidae	*Diploxys hastata*	(Fabricius, 1803)	*Aelia hastata* Fabricius, 1803	Teclezan S. Negus [=Aditekelezan, Shimangus]	Schouteden 1905a
Pentatomidae	*Dismegistus costalis*	Reiche & Fairmaire, 1849	-	Asmara	Mancini 1954
Pentatomidae	*Dryadocoris apicalis*	(Herrich-Schäffer, 1842)	*Holcostethus analis* (A.Costa, 1847); *Holcostethus apicalis* Herrich-Schäffer, 1842	Glinda Saati [=Ghinda ?], Dorfu [=Durfo]	Schouteden 1905a; Mancini 1954; van der Heyden 2019
Pentatomidae	*Durmia mulsanti*	(Stål, 1853)	*Pentatoma mulsanti* Stål, 1853	Halibaret [=Elabered]	Schouteden 1905a
Pentatomidae	*Durmia tomentiventris*	(Germar, 1837)	*Cimex tomentiventris* Germar, 1837; *Durmia vittiventris* Reuter, 1882	Sabagama [=Subarguma]	Schouteden 1905a
Pentatomidae	*Eurydema ornata*	(Linnaeus, 1758)	*Eurydema festivum* L., f. *pictum* H.S; *Eurydema ornatum picta* Hhn	Altopiano [=Asmara], Asmara	De Lotto 1948a; Mancini 1954
Pentatomidae	*Eurydema rugulosa*	(Dohrn, 1860)	*Eurydema rugulosum* (Dohrn, 1860); *Strachia rugulosa* A. Dohrn, 1860	-	Katbeh et al. 2000
Pentatomidae	*Eysarcoris ventralis*	(Westwood, 1837)	*Eysarcoris inconspicuus* (Herrich-Schaeffer, 1844)	Glinda Saati [=Ghinda ?]	Schouteden 1905a
Pentatomidae	*Eysarcoris ventralis*	(Westwood, 1837)	*Stollia inconspicuus* (Herrich-Schäffer, 1844)	Tessenei [=Teseney], Zula	Mancini 1954
Pentatomidae	*Glypsus conspicuus*	(Westwood, 1837)	-	Asmara	Mancini 1954
Pentatomidae	*Gynenica chinai*	Schouteden, 1958	-	Asmara, Embatcalla [=Embatikala], Dogali	Linnavuori 1975b
Pentatomidae	*Gynenica tellini*	Schouteden, 1905	-	Glinda [=Ghinda]*	Schouteden 1905a
Pentatomidae	*Halyomorpha viridescens*	(Walker, 1867)	-	Dorfu [=Durfo]	Mancini 1954
Pentatomidae	*Lerida punctata*	(Palisot de Beauvois, 1805)	-	Gura	Mancini 1961
Pentatomidae	*Macrorhaphis acuta*	Dallas, 1851	-	-	Schouteden 1905b
Pentatomidae	*Mecidea kristenseni*	Jensen-Haarup, 1922	-	-	Jensen-Haarup 1922; Sailer 1952; Bundy and Mcpherson 2010
Pentatomidae	*Mecidea pallidissima*	Jensen-Haarup, 1922	-	Massaua [=Massawa]	Jensen-Haarup 1922; Sailer 1952; Mancini 1954
Pentatomidae	*Mecidea tellinii*	Schouteden, 1905	-	Glinda Saati [=Ghinda ?], Sabaguma [=Subarguma]*	Schouteden 1905a
Pentatomidae	*Menaccarus* (*Orocephalus*) *dohrnianus*	(Mulsant & Rey, 1866)	*Menaccarus ovalis* (Puton, 1873)	-	Sienkiewicz 1964
Pentatomidae	*Menida decoratula*	(Stål, 1853)	*Antestia decoratula* Stål	Adi Kaiè [=Adi Keyh], Asmara, Saganeiti [=Segeneyti], Tessenei [=Teseney]	Cannaviello 1900; Mancini 1954

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Pentatomidae	*Menida flavovaria*	(Dallas, 1851)	*Antestia flavovarius* Dallas, 1851; *Rhaphigaster flavovarius* Dallas, 1851	Harkeko [=Hirgigo],	Walker 1870
Pentatomidae	*Menida maculiventris*	(Dallas, 1851)	-	Saberguma [=Subarguma]	Schouteden 1905a
Pentatomidae	*Myrochea cribrosa*	(Klug, 1845)	*Sciocoris cribrosa* Klug, 1845; *Dorpius cribrosus* Klug; *Dorpius typicus* Distant, 1900	Glinda [=Ghinda], Arafali [=Erafaile]	Schouteden 1905a; Mancini 1954
Pentatomidae	*Nezara mendax*	Breddin, 1908	-	Asmara	Breddin 1908; Gaedike 1971; Linnavuori 1972a; Ferrari 2009
Pentatomidae	*Nezara naspira*	(Dallas, 1851)	*Nezara subrotunda* Breddin, 1908; *Nezara naspirus* Dall	Dorfu [=Durfo], Asamra	Breddin 1908; Mancini 1961; Gaedike 1971; Linnavuori 1972a; Ferrari 2009
Pentatomidae	*Nezara viridula*	(Linnaeus, 1758)	-	Massawa, bassopiano [=west lowland], altopiano e mediopiano orientale [=Asmara to Nefasit], Hamelmalo	Hoffman 1930; De Lotto 1947, 1948a; Mancini 1954; De Lotto and Nastasi 1955; Authors collection
Pentatomidae	*Nezara viridula smaragdulus*	Fabricius, 1775	-	bassopiano occidentale [=Gulij], Tessenei [=Teseney], Massaua [=Massawa], Dorfu [=Durfo], Asmara, Hamelmalo	De Lotto 1947; Mancini 1954; Authors collection
Pentatomidae	*Nezara viridula torquata*	(Linnaeus, 1758)	-	altopiano (=Asmara), Cheren [=Keren], Glinda [=Ghinda], Saberguma [=Subarguma], Hamelmalo	Schouteden 1905a; Mancini 1954; De Lotto and Nastasi 1955; Authors collection
Pentatomidae	*Palomena prasina*	(Linnaeus, 1761)	*Pentatoma prasina* (Linnaeus, 1761)	Godofelassi [=Kudo felasi]	Cannaviello 1900
Pentatomidae	*Parabolbocoris signoreti*	Schouteden, 1903	-	Keren-Bogos*	Schouteden 1903
Pentatomidae	*Parantestia* (*Parantestia*) *tethys*	(Linnavuori, 1970)	*Antestia tethys* Linnavuori, 1970	Massawa	Ferrari 2009
Pentatomidae	*Phricodus hystrix*	(Germar, 1837)	-	Ghinda, Embatkalla	Mancini 1954
Pentatomidae	*Piezodorus rubrofasciatus*	(Fabricius, 1787)	*Cimex rubrofasciatus* Fabricius, 1775	Cheren [=Keren]	Schouteden 1905a
Pentatomidae	*Piezodorus teretipes*	(Stål, 1865)	-	Tessenei [=Teseney], Asmara	Mancini 1954
Pentatomidae	*Salixocoris hedenborgi*	(Stål, 1865)	*Halys hedenborgi* Stål, 1865	Tessenei [=Teseney]	Mancini 1954; Linnavuori 1986a; Gapon 2025
Pentatomidae	*Sciocoris* (*Neosciocoris*) *lineiventris*	Linnavuori, 1972	-	Asamra, Decamere [=Dekemhare]	Linnavuori 1972b, 1986a, 1989; Linnavuari and van Harten 1997
Pentatomidae	*Sciocoris* (*Neosciocoris*) *remanei*	Wagner, 1965	-	Massawa	Linnavuori 1972b, 1986a; Linnavuari and van Harten 1997

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Pentatomidae	*Scotinophara fibulata*	(Germar, 1839)	*Podops fibulatus* Germar, 1839; *Scotinophara tibialis* (Signoret, 1861)	Dongolo, Tessenie	Schouteden 1905a; Mancini 1954
Pentatomidae	*Sepontia misella laticeps*	Linnavuori, 1975	*Pentatoma misella* Stål	Godofelassi [=Kudofelasi], Asmara, Ghinda, Dogali	Cannaviello 1900; Linnavuori 1975b, 1986b, 1989; Linnavuari and van Harten 1997
Pentatomidae	*Stenozygum alamata*	Linnavuori, 1975	-	Asmara, Dogali, Embatcalla [=Embatkala]	Linnavuori 1975b, 1986a
Pentatomidae	*Stenozygum coloratum*	(Klug, 1845)	*Stenozygum variegatum* Fieber, 1861; *Cimex coloratus* Klug, 1845	Glinda [=Ghinda], Dancalia	Schouteden 1905a; Mancini 1961; Katbeh et al. 2000
Pentatomidae	*Stenozygum poecilum*	(Dallas, 1851)	-	Glinda [=Ghinda], Asmara, Cheren [=Keren]	Schouteden 1905a
Pentatomidae	*Veterna abyssinica*	Lethierry, 1881	-	Asmara, Glinda [=Ghinda]	Schouteden 1905a; Mancini 1954
Pentatomidae	*Veterna sanguineirostris*	(Thunberg, 1822)	-	Asmara, Cheren [=Keren]	Schouteden 1905a
Scutelleridae	*Alphocoris indutus*	Stål, 1865	-	Cheren [=Keren]	Schouteden 1905a
Scutelleridae	*Alphocoris larinoides*	Germar, 1839	-	Shumma [=Shumma Island]	Schouteden 1905a
Scutelleridae	*Alphocoris lixoides*	Germar, 1839	-	Halibaret [=Elaberaed]	Schouteden 1905a
Scutelleridae	*Callidea dregei*	(Germar, 1837)	-	Archaci et Massaua [=Hirgigo & Massawa]	Schouteden 1905a
Scutelleridae	*Elvisura irrorata*	Soinola, 1937	-	-	Schouteden 1903; Linnavuori 1975b
Scutelleridae	*Sphaerocoris annulus ocellatus*	(Fabricius, 1775)	*Sphaerocoris ocellatus* Klug.	Altopiano [=Debaroa], Keren	Cannaviello 1900; Schouteden 1903; De Lotto 1948b; Mancini 1954
Scutelleridae	*Thoria sinuata*	Signoret, 1861	*Podops sinuatus* Signoret, 1861	Adi Ugri [=Mendefera]	Cannaviello 1900
Scutelleridae	*Xerobia stali*	Schouteden, 1903	-	Tessenei [=Teseney]	Mancini 1954
Cydnidae	*Aethus dubius*	(Jensen-Haarup, 1926)	*Cydnus dubius* Jensen-Haarup, 1926	Agordat, Nefasit, Tessenei [=Teseney], Decamere [=Dekemhare], Asmara	Jensen-Haarup 1926; Mancini 1954; Linnavuori 1993b; Lis 1999
Cydnidae	*Aethus laevioides*	Lis, 1996	*Aethus* (*Aethus*) *laevis* Wagner, 1951		Linnavuori 1993b
Cydnidae	*Aethus perithrix*	(Mancini, 1937)	*Geocnethus perithrix* Mancini, 1937	Agordat	Mancini 1954; Lis 1999
Cydnidae	*Aethus solutus*	Linnavuori, 1977	-	Ailet	Linnavuori 1977b; Lis 1999
Cydnidae	*Alonips intrusus*	(Wagner, 1953)	*Geotomus intrusus* Wagner, 1953	Tessenei [=Teseney]	Linnavuori 1993b; Lis 1999
Cydnidae	*Alonips rugulosus*	(Signoret, 1883)	*Geotomus rugosulus* Signoret, 1883	Tessenei [=Teseney]	Mancini 1954; Lis 1999
Cydnidae	*Amaurocoris curtus*	(Brullé, 1838)	*Cydnus curtus* Brullé, 1838; *Amaurocoris subglaber* Horváth, 1919	Tessenei [=Teseney]	Mancini 1954; Lis 1999
Cydnidae	*Fromundus difficilis*	(Stål, 1854)	*Aethus difficilis* Stål, 1854; *Geotomus africanus* Jensen-Haarup, 1926; *Geotomus difficilis* Signoret, 1883	Ghinda, Embathcalla [=Embatkala]	Jensen-Haarup 1926; Mancini 1961; Linnavuori 1977b,1993b; Lis 1999

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Cydnidae	*Geotomus remedellii*	Mancini, 1954	-	Setit El-Eghin [=Tekeze river], Om Ager [=Omhajer], Tessenei [=Teseney]	Mancini 1954; Linnavuori 1977b, 1993b; Lis 1999
Cydnidae	*Lactistes vericulatus*	Schiødte, 1848	*Lactistes scitus* Linnavuori, 1977	Ghinda	Mancini 1954; Lis 1999
Cydnidae	*Lalervis expansa*	(Signoret, 1881)	*Gnathoconus eburneocinctus* Jensen-Haarup, 1920*	-	Jensen-Haarup 1920
Cydnidae	*Lalervis tibialis*	(Stål, 1853)	*Strachia tibialis* Stål, 1854; *Sehirus tibialis* Linnavuori, 1993; *Legnotus tibialis* St. Mancini, 1954	Hamasien: Adi Casci [=Adi-Keshi (zoba Maekel), Ghinda	Mancini 1954; Linnavuori 1993b; Lis 1999
Cydnidae	*Linospa orbicularis*	(Jakovlev, 1885)	*Amaurocoris orbicularis* Jakovlev, 1885; *Amaurocoris mulleri* Mancini, 1954	Massaua [=Massawa], Sceb Ghed-Ghed [=Shieb Gedged]	Mancini 1954; Linnavuori 1986a; Lis 1999
Cydnidae	*Macroscytus excavatus*	Signoret, 1883	*Macroscytus inermipes* Horváth, 1904	Ghinda, Dorfu [=Durfo]	Mancini 1954; Lis 1999
Cydnidae	*Macroscytus reflexus*	Signoret, 1883	-	Ghinda	Lis 2000
Cydnidae	*Microscytus schaefferi*	(Signoret, 1883)	*Geotomus schaefferi* Signoret, 1883	Setit El-Eghin [=Tekeze river], Om-Ager [=Omhajer], Tessenei [=Teseney]	Mancini 1954; Linnavuori 1977b, 1993b; Lis 1999
Cydnidae	*Paraethus capicola*	(Westwood, 1837)	*Cydnus capicola* Westwood, 1837; *Aethus horridus* Signoret, 1882; *Aethus capicola* (Westwood)	Ghinda	Linnavuori 1993b; Lis 1999
Cydnidae	*Paraethus saprinoides*	(Gerstaecker, 1873)	*Aethus vicinus* Signoret, 1882	Faghera [=Fagena]	Mancini 1954; Lis 1999
Cydnidae	*Paraethus sigwalti*	Lis, 1996	-	-	Lis 1999
Dinidoridae	*Coridius nubilus*	(Westwood, 1837)	*Aspongopus nubilus* Westwood, 1837	Asmara	Mancini 1954
Dinidoridae	*Coridius viduatus*	(Fabricius, 1794)	*Aspongopus viduatus unicolor* Fab; *Cimex viduatus* Fabricius, 1794	Cheren et Moncullo [=Keren and Emklu (near Massawa), Asmara, Dorfu [=Durfo],	Schouteden 1905a; Brown 1950; Mancini 1954
Dinidoridae	*Coridius nubilus*	(Westwood, 1837)	-	Asmara, Cheren [=Keren]	Lis 1990
Plataspidae	*Coptosoma oculator*	Reiche & Fairmaire, 1849	-	Adi Ugri [=Mendefera]	Cannaviello 1900
Thaumastellidae	*Thaumastella aradoides*	Horváth, 1896	-	Gulij, Tessenei [=Teseney]	Linnavuori 1993b
Pyrrhocoridae	*Dysdercus* (*Dysdercus*) *cardinalis*	Gerstaecker in 1873	-	bassopiano occidentale [=Gulij?]	De Lotto 1947
Pyrrhocoridae	*Dysdercus superstitiosus*	(Fabricius, 1775)	-	Asmara, Zula, Dorfu [=Durfo],	Mancini 1954
Pyrrhocoridae	*Dysdercus* (*Dysdercus*) *nigrofasciatus*	Stal, 1855	-	bassopiano occidentale [=Gulij], Ghinda, Dorfu [=Durfo], Asmara,	Blöte 1931; De Lotto 1947; Mancini 1954; Stehlík and Jindra 2008
Pyrrhocoridae	*Probergrothius confusus*	(Distant, 1892)	*Odontopus confusus* Distant, 1892	Cheren [=Keren]	Blöte 1931; Stehlík and Jindra 2008

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Pyrrhocoridae	*Probergrothius modestus*	Distant, 1902	*Odontopus modestus* Distant, 1902	Asmara	Mancini 1954
Pyrrhocoridae	*Probergrothius sexpunctatus*	(Laporte, 1832)	*Odontopus sexpunctatus* Laporte, 1832	Adi Kaiè [=Adi Keyh], Asmara, Gumer [=?]	Cannaviello 1900; Schmidt 1931
Pyrrhocoridae	*Probergrothius somaliensis*	Goursat, 1931 (Goursat, 1931)	*Odontopus somaliensis* Goursat, 1931	Cheren [=Keren]	Mancini 1954
Pyrrhocoridae	*Scantius forsteri*	(Fabricius, 1781)	*Scantius abyssinicus* Bolivar, 1879	Gumer [?], Tessenei [=Teseney], Nefasit, Cheren [=Keren], Addi Casci [=Adi Keshi], Asmara, Hamasien: Addi Casci [=Around Asmara: Adi Keshi], Hamelmalo	Schmidt 1931; Mancini 1954; Stehlík and Jindra 2008; Authors Collection
Pyrrhocoridae	*Scantius circumcinctus*	(Lethierry, 1883)	-	-	Mancini 1956
Alydidae	*Mirperus jaculus*	(Thunberg, 1783)	-	Mediopiano orientale [=Nefasit], Ghinda, Baresa	Blöte 1934; De Lotto 1948a; Mancini 1954
Alydidae	*Nariscus conspurcatus*	Mancini, 1946	-	Massaua [=Massawa], Faghera [=Faghenà], Dancalia	Mancini 1954, 1961
Alydidae	*Nariscus spinosus*	Burmeister, 1835	-	Massawa	Linnavuori 1969, 1987
Alydidae	*Nemausus sordidatus*	Stål, 1858	-	Ducambia [=Dukambia], Durfu [=Durfo]	Mancini 1956, 1961
Alydidae	*Tenosius proletarius*	Schaum, 1853	*Tenosius uniformis* Schouteden, 1912	Cheleb [=Gheleb], Ghinda [=Ghinda]	Schouteden 1912; Linnavuori 1987
Coreidae	*Acanthocoris erythraeensis*	Blöte, 1935	-	Cheren [=Keren]*	Blöte 1935
Coreidae	*Acanthocoris lineatus*	Blöte, 1935	-	-	Mancini 1954
Coreidae	*Anoplocnemis curvipes*	(Fabricius, 1781)	-	Ducambia [=Dukambia]	Mancini 1956
Coreidae	*Anoplocnemis scutellata*	(Reiche & Fairmaire, 1849)	*Mictus scutellatus* Reiche & Fairmaire, 1849	Godofelassi [=Kudo Felasi], Dorfu [=Durfo], Asamra	Cannaviello 1900; Mancini 1954; Linnavuori 1971a, 1978
Coreidae	*Centrocoris degener*	(Puton, 1874)	-	-	Linnavuori 1978
Coreidae	*Ceratopachys nigricornis*	(Germar, 1838)	-	Ghinda [=Ghinda]	Blöte 1936
Coreidae	*Clavigralla griseola*	(Linnavuori, 1978)	*Acanthomia griseola* Linnavuori, 1978	Ghinda, Decamere [=Dekemhare]	Linnavuori 1978, 1989; Carapezza et al. 2017
Coreidae	*Clavigralla horrida*	(Germar, 1838)	*Acanthomia horridus* (Germar, 1838)	Ghinda, Asmara	Blöte 1935; Mancini 1954
Coreidae	*Clavigralla scutellaris*	(Westwood, 1842)	*Acanthomia brevirostris* Stål	-	Linnavuori 1978
Coreidae	*Cletoliturus lituripennis*	(Stål, 1855)	*Cletomorpha lituripennis* (Stål, 1855)	Dorfu [=Durfo]	Mancini 1954
Coreidae	*Cletus capensis*	Izzard, 1960	-	Zula, Hamasien (Addi Casci) [= Near Asmara Adi Keshi]	Mancini 1954, 1961
Coreidae	*Cletus crenicollis*	(Schaum, 1853)	*Gonocerus crenicollis* Schaum, 1853	Addi Caschi [=Adi Keshi], Ghinda	Mancini 1954; Linnavuori 1978

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Coreidae	*Cletus ochraceus borealis*	Blöte, 1935	*Cletus borealis* Blöte, 1935; *Cletus ochraceus* (Herrich-Schaeffer, 1840)	Ghinda, Embatkalla [=Embatikala], Dorfu [=Durfo], Asmara, Amasien [=around Asmara], Addi Casci [=Adi Qeshi]	Blöte 1935; Mancini 1954, 1961; Linnavuori 1978, 1986a, 1989
Coreidae	*Cletus pusillus*	(Dallas, 1852)	-	Agordat	Mancini 1954
Coreidae	*Cletus notatus*	(Thunberg, 1783)	*Gonocerus notatus*	Harkeko [=Hirgigo], Massowah [=Massawa]	Walker 1870
Coreidae	*Leptoglossus gonagra*	(Fabricius, 1775)	*Leptoglossus membranaceus* (Fabricius, 1781)	Asmara	Mancini 1954
Coreidae	*Mictus valgus rufipes*	Mihi	-	Asmara	Cannaviello 1900
Coreidae	*Petalocnemis dubia*	Schouteden, 1938	-	Ghinda	Linnavuori 1978
Coreidae	*Plectropoda undata*	(Dallas, 1852)	*Elasmopoda undata* Dallas, 1852	Asmara	Mancini 1954
Coreidae	*Plinachtus pungens*	(Thunberg, 1783)	*Cimex pungens* Thunberg, 1783; *Plinachtus scutellaris* Stal, 1873	Asmara	Mancini 1961; Linnavuori 1978; Brailovsky and Barrera 2006
Coreidae	*Prismatocerus productus*	(Stål, 1866)	*Homoeocerus yerburyi* Distant, 1901	Dancalia	Mancini 1961
Coreidae	*Risbecocoris tomentosus*	Izzard, 1949	-	Dancalia	Mancini 1961
Stenocephalidae	*Dicranocephalus pallidus*	(Signoret, 1879)	*Dicranomerus pallidus* Sig.	Massaua [=Massawa]	Mancini 1961
Stenocephalidae	*Dicranocephalus panelii*	Lindberg, 1959	-	-	Linnavuori 1978
Stenocephalidae	*Dicranocephalus testaceus*	(Stål, 1860)	*Dicranomerus testaceus* (Stål, 1860); *Stenocephalus testaceus* Stål, 1860	Baresa, Asmara, Bazentu [=Barentu], Dancalia	Mancini 1954, 1961
Rhopalidae	*Corizus ornatus*	Courteaux, 1907	-	Asmara	Mancini 1954
Rhopalidae	*Leptocoris griseiventris*	(Westwood, 1842)	-	Asmara	Mancini 1954
Rhopalidae	*Leptocoris hexophthalmus*	(Thunberg, 1784)	-	Dorfu [=Durfo], Asmara	Mancini 1954
Rhopalidae	*Leptocoris amictus*	Germar, 1838	-	Amara [=Asmara]	Blöte 1934
Rhopalidae	*Leptocoris chevreuxi*	Noualhier, 1898	-	-	Göllner-Scheiding 1980
Rhopalidae	*Liorhyssus hyalinus*	(Fabricius, 1794)	-	Asmara	Mancini 1954
Rhopalidae	*Peliochrous nigromaculatus*	(Stål, 1873)	-	Ghinda, Durfo	Blöte 1934; Mancini 1954
Rhyparochromidae	*Aegyptocoris myrmecoides*	China, 1936	-	Tessenei [=Teseney]	Linnavuori 1978
Rhyparochromidae	*Allocentrum crassifemur*	(Stål, 1855)	*Aphanus discrepans* Noualhier, 1898	Dorfu [=Durfo]	Mancini 1954
Rhyparochromidae	*Camptocera glaberrima*	(Walker, 1872)	*Camptocera horvathi* Jakovlev, 1877	Setit El-Eghin [=etit (Tekezé) River]	Mancini 1954
Rhyparochromidae	*Caprochromus brevis*	(Lethierry, 1883)	*Aphanus brevis* Lethierry, 1883	Gaghera [=?], Asmara, Dorfu [=Durfo]	Mancini 1954
Rhyparochromidae	*Caprochromus trapezonotoides*	(Mancini, 1954)	*Aphanus trapezonotides* Mancini, 1954	Asmara*	Mancini 1954
Rhyparochromidae	*Dieuches africanus*	(Distant, 1918)	*Maxaphanus africanus* Distant, 1918	Asmara	Mancini 1954

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Rhyparochromidae	*Dieuches armipes*	(Fabricius, 1794)	-	Cheren [=Keren], Nefasit, Baresa, Asmara, Embatkala	Mancini 1954
Rhyparochromidae	*Dieuches coenosus*	(Stål, 1865)	-	Cheren [=Keren]	Mancini 1961
Rhyparochromidae	*Dieuches humilis*	Reuter, 1887	-	Asmara	Eyles 1973
Rhyparochromidae	*Dieuches mucronatus*	(Stål, 1865)	-	Agordat, Tessenei [=Teseney], Zula	Mancini 1954
Rhyparochromidae	*Dieuches patruelis*	(Stål, 1855)	*Aphanus apicalis* (Stål, 1855)	Nefasit, Saganeiti [=Segeneyti], Cheren [=Keren], Dorfu [=Durfo], Asmara	Mancini 1954
Rhyparochromidae	*Dieuches scioensis*	Lethierry, 1881	-	Dorfu [=Durfo], Faghera [=Fagena], Asmara	Mancini 1954
Rhyparochromidae	*Dieuches semidolens*	(Walker, 1870)	*Rhyparochromus semidolens* Walker, 1870	Harkeko [=Hirgigo]	Walker 1870
Rhyparochromidae	*Dieuches similis*	Mancini, 1948	-	Keren, Arafali [Erafile], Agordat	Mancini 1948, 1954
Rhyparochromidae	*Dieuches syriacus*	Dohrn, 1860	-	Asmara	Eyles 1973
Rhyparochromidae	*Dieuches albostriatus*	(Fabricius, 1803)	-	-	Eyles 1973
Rhyparochromidae	*Distadieuches crudelis*	(Haglund, 1895)	*Lachnophoroides crudelis* Haglund, 1895	Saganeiti [Segeneyti], Dorfu [=Dorfu]	Mancini 1961
Rhyparochromidae	*Elasmolomus squalidus*	(Gmelin, 1790)	*Aphanus sordidus* F.	Om Ager [=Omhajer]	Mancini 1948
Rhyparochromidae	*Elasmolomus pallens*	(Dallas, 1852)	-	-	Dhali and Rey 2021
Rhyparochromidae	*Ethaltomarus rugosus*	Scudder, 1963	-	Tessenie [=Teseney]	Linnavuori 1978
Rhyparochromidae	*Lethaeus africanus*	Dallas, 1852	-	Tessenie [=Teseney], Dorfu [=Durfo]	Mancini 1954
Rhyparochromidae	*Lethaeus lethierryi canariensis*	(Puton, 1869)	-	Tessenie [=Teseney], Baresa	Mancini 1954
Rhyparochromidae	*Liolobus pallidicornis*	(Reuter, 1891)	*Aphanus rufocinctus* Distant, 1901	Massaua [=Massawa]	Mancini 1954
Rhyparochromidae	*Naphius erosus*	(Distant, 1901)	*Naphius patrizii* Mancini, 1948	-	Linnavuori 1978
Rhyparochromidae	*Naphius zavattarii*	(Mancini, 1948)	*Aphanus zavattarii* (Mancini, 1948)	Anseba [=around Keren?], Om Ajer [=Omhajer] Tessenei [=Teseney]	Mancini 1948, 1954
Rhyparochromidae	*Pachybrachius vaccaroi*	Mancini, 1954	-	Asmara*	Mancini 1954
Rhyparochromidae	*Paromius gracilis*	(Rambur, 1839)	*Nabis? discifer* Walker, 1870	Dahleck Island [=Dahlak Island], Arafali [=Erafaile], Zula	Walker 1870; Mancini 1954
Rhyparochromidae	*Plinthisus* (*Isioscytus*) *beniamaricus*	Linnavuori, 1978	*Plinthisus* (*Isioscytus*) *himyaritus beniamaricus* Linnavuori, 1978	Decamere [=Dekemhare]*	Linnavuori 1978
Rhyparochromidae	*Plinthisus* (*Locutius*) *debaroensis*	Linnavuori, 1989	*Plinthisus* (*Plinthisus*) *debaroensis* Linnavuori, 1989	Dubarwa*	Linnavuori 1989; Linnavuori and van Harten 2000
Rhyparochromidae	*Poeantius saxatilis*	Linnavuori, 1978	-	Decamere [=Dekemhare], Ghinda [=Ghinda]*	Linnavuori 1978
Rhyparochromidae	*Polycrates consutus*	(Germar, 1837)	*Polycrates bourboni* Bergevin, 1934	Tessenei [=Teseney], Asmara	Mancini 1954; Linnavuori 1970a
Rhyparochromidae	*Polycrates glaber*	Péricart, 1995	-	-	Péricart 1999c
Rhyparochromidae	*Salaciola signaticornis*	Linnavuori, 1978	-	Decamere [=Dekemhare]	Linnavuori 1978; Zámbó et al. 2022

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Rhyparochromidae	*Taphropeltus ornatus*	Linnavuori, 1978	-	Ailet	Linnavuori 1978, 1989
Rhyparochromidae	*Tethallotrum heteronotum*	(Puton, 1886)	*Tethallotrum brevicolle* (Horváth, 1899)	-	Linnavuori 1978
Lygaeidae	*Aspilocoryphus fasciativentris*	(Stal, 1858)	-	Saganeiti [=Segeneyti], Dorfu [=Durfo], Asmara, Arbasaca [=?]	Mancini 1954
Lygaeidae	*Caenocoris nerii*	(Germar, 1847)	*Lygaeus nerii* Germar, 1847; *Lygaeus semirubes* Walker, 1872	Anseba	Mancini 1939
Lygaeidae	*Camptocoris typus*	(Distant, 1918)	*Camptocoris lindbergi* Wagner, 1958	-	Mancini 1948; Linnavuori 1978
Lygaeidae	*Cosmopleurus fulvipes*	(Dallas, 1852)	*Lygaeus degeni* Distant, 1918	Massaua [=Massawa]	Mancini 1954
Lygaeidae	*Graptostethus grandis*	Distant, 1901	-	Asmara	Mancini 1954
Lygaeidae	*Graptostethus pictus*	Distant, 1901	-	Dorfu [=Durfo]	Mancini 1954
Lygaeidae	*Graptostethus servus*	(Fabricius, 1787)	-	Dorfu [=Durfo], Asmara, bassopiano occidentale (Gullui) [=Gulij]	Mancini 1954; De Lotto and Nastasi 1955
Lygaeidae	*Lygaeus negus*	Distant, 1918	-	Dorfu [=Durfo], Asmara	Mancini 1954; Linnavuori 1978
Lygaeidae	*Lygaeus vaccaroi*	Mancini, 1954	-	Baresa*	Mancini 1954
Lygaeidae	*Melanotelus villosulus*	(Stål, 1855)	-	Saganeiti [=Segeneyti]	Mancini 1954
Lygaeidae	*Microspilus ruficornis*	(Lethierry, 1881)	*Lygaeus ruficornis* (Lethierry, 1881)	Asmara	Mancini 1954
Lygaeidae	*Oncopeltus famelicus*	(Fabricius, 1781)	-	Asmara	Mancini 1954
Lygaeidae	*Orsillus montanus*	Linnavuori, 1978	-	Addi Caieh [=Adi-keyh]	Linnavuori 1978, 1986a
Lygaeidae	*Spilostethus altivolens*	Linnavuori, 1978	-	Asmara, Dogali, Embatcalla [=Embatkala], Decamere [=Dekemhare]	Linnavuori 1978
Lygaeidae	*Spilostethus amoenus*	(Bolivar, 1879)	*Lygaeus amaenus* (Bolivar, 1879)	Asmara	Mancini 1954
Lygaeidae	*Spilostethus furcula*	(Herrich-Schaeffer, 1850)	*Lygaeus festivus* Billberg, 1820 Thunberg, 1822	Baresa, Dorfu [=Durfo]	Mancini 1954
Lygaeidae	*Spilostethus longulus*	(Dallas, 1852)	*Lygaeus longulus* Dallas, 1852	Massaua [=Massawa], Baresa	Mancini 1954; Linnavuori 1978, 1989; El Meghrai 2020
Lygaeidae	*Spilostethus mimus*	(Stål, 1865)	*Lygaeus mimus* (Stål, 1865)	Nefasith [=Nefasit], Tessenei [Tesseney], Dongollo	Mancini 1954
Lygaeidae	*Spilostethus pandurus*	(Scopoli, 1763)	*Lygaeus pandurus* (Scopoli, 1763)	mediopiano orientale [=Nefasit], Agordat, Tessenei [=Teseney], Asmara, Dorfu [=Durfo], Hamelmalo	De Lotto 1948a; Mancini 1954; Authors collection
Lygaeidae	*Spilostethus trilineatus*	(Fabricius, 1794)	*Lygaeus trilineatus* (Fabricius, 1794)	Asmara	Mancini 1954
Geocoridae	*Geocoris aethiops*	Distant, 1901	-	Dorfu [=Durfo]	Mancini 1954
Geocoridae	*Geocoris* (*Geocoris*) *lineola cognatus*	(Fieber, 1861)	*Geocoris lineola* Ramb. var. *notabilis* Montandon, 1907	Dorfu [=Durfo], Ghinda	Montandon 1907; Mancini 1954; Linnavuori 1978

Family	Genus / Species	Author	Synonymous	Localities	References
Geocoridae	*Geocoris* (*Geocoris*) *luridus*	(Fieber, 1844)	-	Docali [=Dogali]	Linnavuori 1972c
Geocoridae	*Geocoris* (*Geocoris*) *phaeopterus*	(Germar, 1837)	*Geocoris scutellaris* Puton, 1886	Massaua [=Massawa]	Mancini 1954
Geocoridae	*Geocoris* (*Geocoris*) *piligerus*	Linnavuori, 1978	-	Asmara, Dogali, Embatcalla [=Embatikala], Decamere [=Dekemhare]*	Linnavuori 1978
Geocoridae	*Hypogeocoris kilimandjariensis*	(Montandon, 1908)	*Geocoris kilimandjariensis*	Dorfu [=Durfo]	Mancini 1954; Linnavuori 1978
Oxycarenidae	*Macropternella inermis*	(Fieber, 1852)	-	-	Péricart 1999b
Oxycarenidae	*Macropternella opaca*	Linnavuori, 1978	-	Asmara, Dogali, Embatcalla [=Embatkala], Decamere [=Dekemhare]	Linnavuori 1978
Oxycarenidae	*Oxycarenus cruciatus*	Linnavuori, 1978	-	Keren, Massawa, Ailet, Ghinda, Asmara	Linnavuori 1978, 1986a
Oxycarenidae	*Oxycarenus hyalinipennis*	(A. Costa, 1843)	*Cymus cincticornis* Walker, 1870	Harkeko [=Hirgigo]; bassopiano occidentale [=Western lowland], Asmara, Dorfu [=Durfo], Tessenei [=Teseney]	Walker 1870; De Lotto 1947; Mancini 1954; Samy 1969
Oxycarenidae	*Oxycarenus* (*Oxycarenus*) *zavattarii unicolor*	Mancini, 1939	*Oxycarenus zavattarii* Mancini, 1954	Dorfu [=Durfo], Asmara	Mancini 1954; Samy 1969; Linnavuori 1978, 1986a, 1989
Blissidae	*Dimorphopterus brachypterus*	(Rambur, 1839)	-	-	Péricart 1999a
Blissidae	*Ischnodemus discolor*	(Walker, 1870)	*Micropus discolor* Walker, 1870	Harkeko [=Hirgigo]	Walker 1870
Heterogastridae	*Dinomachus marshalli*	Distant, 1901	-	Keren, Dorfu [=Durfo]	Mancini 1954
Heterogastridae	*Platyplax inermis*	(Rambur, 1839)	-	-	Péricart 1999a
Pachygronthidae	*Teracrius furvus*	Linnavuori, 1970	-	Asmara, Decamere [=Dekemhare]*	Linnavuori 1970a
Pachygronthidae	*Teracrius namaquensis*	Stål, 1858	-	Dekemhare	Linnavuori 1970a,1978, 1986a
Cymidae	*Cymus ferrugineus*	Linnavuori, 1978	-	Keren, Massawa, Ailet, Ghinda, Asmara*	Linnavuori 1978

Rhyparochromidae with 35 (9.11%), Coreidae 22 (5.73%), Lygaeidae 20 (5.21%) and Cydnidae with 19 (4.95%) (Table 4). The remaining 33 families were less species-rich and together accounted for 28.13% of the total recorded species.

Distribution of Heteroptra in Eritrean ecoregions

Heteropteran species from Eritrea have been reported from 50 localities belonging to seven ecoregions (Fig. 2, Table 5). Species richness varied substantially amongst localities and ecoregions, ranging from 1 to 115 species. The highest number of species was recorded in Asmara (115 species), followed by Durfo (50), Keren and Teseney (49 each) and Ghinda (45). Thus, the Asmara-Massawa roadway has been sampled for over 350, where the area known for different type of ecological variation that ranges 0 (Massawa) - 2325 (Asmara) m a.s.l. in 115 km distance. Moreover, during the sampling period, in 20th century, it was the most accessible and safe route. Overall, the distribution indicates marked spatial variation in recorded species richness amongst Eritrean ecore-

Table 4. Summary of Heteropteran families with number of genus and species from Eritrea.

Family	Number of genera	Number of species	Species %
Nepidae	1	4	1.04
Ochteridae	1	1	0.26
Corixidae	3	4	1.04
Micronectidae	1	2	0.52
Naucoridae	3	4	1.04
Notonectidae	1	7	1.82
Pleidae	1	1	0.26
Gelastocoridae	1	1	0.26
Mesoveliidae	2	1	0.26
Hydrometridae	1	1	0.26
Gerridae	2	4	1.04
Veliidae	1	1	0.26
Leptopodidae	1	1	0.26
Saldidae	1	1	0.26
Reduviidae	30	49	12.76
Pachynomidae	1	1	0.26
Nabidae	3	3	0.78
Anthocoridae	3	3	0.78
Polyctenidae	1	1	0.26
Miridae	39	59	15.36
Tingidae	12	12	3.13
Pentatomidae	42	72	18.75
Scutelleridae	6	8	2.08
Cydnidae	11	19	4.95
Dinidoridae	1	3	0.78
Plataspidae	1	1	0.26
Thaumastellidae	1	1	0.26
Pyrrhocoridae	3	9	2.34
Alydidae	4	5	1.30
Coreidae	14	22	5.73
Stenocephalidae	1	3	0.78
Rhopalidae	4	7	1.82
Rhyparochromidae	18	35	9.11
Lygaeidae	11	20	5.21
Geocoridae	2	6	1.56
Oxycarenidae	2	5	1.30
Blissidae	2	2	0.52
Heterogastridae	2	2	0.52
Pachygronthidae	1	2	0.52
Cymidae	1	1	0.26
	236	384	100.00

gions and localities. The relatively high numbers recorded in some localities reflects differences in habitat heterogeneity, environmental conditions, geographic coverage and sampling intensity. Despite the high number of species reported from the country, the records are mainly concentrated in the central part of the country, thus, the coastal areas, northern and western part of the country remain unexpolored (Fig. 2).

Based on the distributional records of the sampled species, some species were found almost all over the country, occurring in four to seven localities

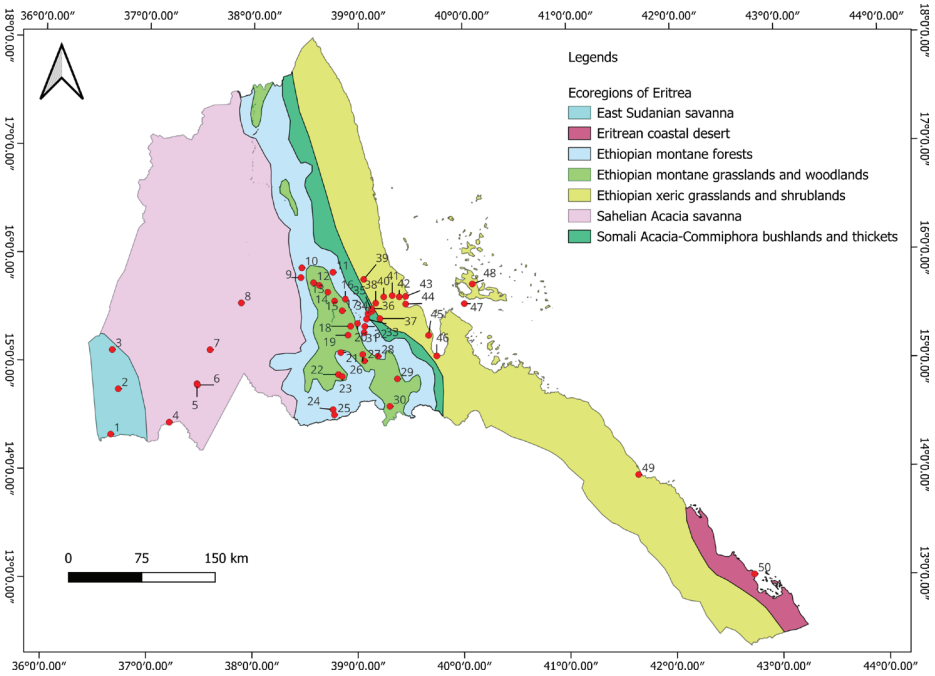

Figure 2. Distributions of Heteropteran species in different ecoregions of Eritrea (numbers represents locality, based on the modern names).

across diverse ecoregions, ranging from the western lowlands and highlands to the eastern lowlands of the country (Table 3). These species include *Oncocephalus anulipes* Stål, 1855, *Rhynocoris rufipes* (Bolivar, 1879) (Reduviidae), *Campylomma acaciae* Linnavuori, 1961 (Miridae), *Aethus dubius* (Jensen-Haarup, 1926) (Cydnidae), *Nezara viridula* (Linnaeus, 1758), *Nezara viridula smaragdulus* Fabricius, 1775 (Pentatomidae), *Scantius forsteri* (Fabricius, 1781) (Pyrrhocoridae), *Spilostethus pandurus* (Scopoli, 1763) (Lygaeidae) and *Oxycarenus hyalinipennis* (A. Costa, 1843) (Oxycarenidae).

The distribution of the heteropteran species in Eritrean ecoregions is uneven. The Ethiopian montane grasslands and woodlands are overwhelmingly dominant, comprising nearly one-third of the total 612, i.e. 194 (31.70%), followed by Ethiopian montane forest and Ethiopian xeric grasslands and shrublands, with 147 (24.02%) and 119 (19.44%), respectively (Fig. 3). In contrast, the Eritrean coastal desert ecoregion is virtually unrepresented, one species (0.16%) and the Sahelian Acacia savannah also shows a very low presence with 25 (4.08%). Moreover, the East Sudanian savannah has been reported as comprising significant species richeness of the heteroptera with 60 species only from three localities, Omhajer, Gulij and Teseney. Thus, this ecoregions has the potential of high species richess which need to be discovered.

Habitat preference

In terms of habitat preference, the Heteroptera fauna of Eritrea is dominated by terrestrial species which accounts 91.43% of the total belonging to 26 families. Moreover, aquatic species accounts for 5.97% belonging to seven families, while semi-aquatic species accounts for the remaining 2.60% belonging to seven families (Table 5).

Table 5. Distribution of recorded species across ecoregions and localities in Eritrea.

Eritrean ecoregions	Localities	Locality code	Number of species
East Sudanian savanna	Omhajer	1	4
East Sudanian savanna	Gulij	2	7
East Sudanian savanna	Teseney	3	49
Eritrean coastal desert	Assab	50	1
Ethiopian montane forests	Keren	9	49
Ethiopian montane forests	Hamelmalo	10	4
Ethiopian montane forests	Gheleb	11	1
Ethiopian montane forests	Faghenà	16	6
Ethiopian montane forests	Durfo	20	50
Ethiopian montane forests	Dubarwa	21	2
Ethiopian montane forests	Gundet	24	1
Ethiopian montane forests	Ksad Eqa	25	1
Ethiopian montane forests	Segeneiti	28	10
Ethiopian montane forests	Mai Habar	31	1
Ethiopian montane forests	Nefasit	32	9
Ethiopian montane forests	Embatikala	33	13
Ethiopian montane grasslands and woodlands	Anseba river	12	1
Ethiopian montane grasslands and woodlands	Elabered	13	3
Ethiopian montane grasslands and woodlands	Habrenqeqa	14	1
Ethiopian montane grasslands and woodlands	Aditekelezan	15	2
Ethiopian montane grasslands and woodlands	Shimangus	17	2
Ethiopian montane grasslands and woodlands	Asmara	18	115
Ethiopian montane grasslands and woodlands	Adi Ke	19	5
Ethiopian montane grasslands and woodlands	Mendefera	22	22
Ethiopian montane grasslands and woodlands	Kudo felasi	23	5
Ethiopian montane grasslands and woodlands	Dekemhare	26	19
Ethiopian montane grasslands and woodlands	Gura	27	3
Ethiopian montane grasslands and woodlands	Adi Keyh	29	13
Ethiopian montane grasslands and woodlands	Sarda	30	3
Ethiopian xeric grasslands and shrublands	Ailet	38	17
Ethiopian xeric grasslands and shrublands	Shieb Gedged	39	1
Ethiopian xeric grasslands and shrublands	Saati	40	4
Ethiopian xeric grasslands and shrublands	Dogali	41	20
Ethiopian xeric grasslands and shrublands	Emklu	42	1
Ethiopian xeric grasslands and shrublands	Massawa	43	38
Ethiopian xeric grasslands and shrublands	Hirgigo	44	8
Ethiopian xeric grasslands and shrublands	Zula	45	11
Ethiopian xeric grasslands and shrublands	Erafile	46	9
Ethiopian xeric grasslands and shrublands	Shumma Is.	47	2
Ethiopian xeric grasslands and shrublands	Dahlak	48	1
Ethiopian xeric grasslands and shrublands	Dancalia	49	7
Sahelian Acacia savanna	Setit river	4	12
Sahelian Acacia savanna	Dukambia	5	2
Sahelian Acacia savanna	Tokombiya	6	2
Sahelian Acacia savanna	Barentu	7	1
Sahelian Acacia savanna	Agordat	8	8
Somali Acacia-Commiphora bushlands and thickets	Ghinda	34	45
Somali Acacia-Commiphora bushlands and thickets	Dongollo	35	4
Somali Acacia-Commiphora bushlands and thickets	Subarguma	36	6
Somali Acacia-Commiphora bushlands and thickets	Baresa	37	11

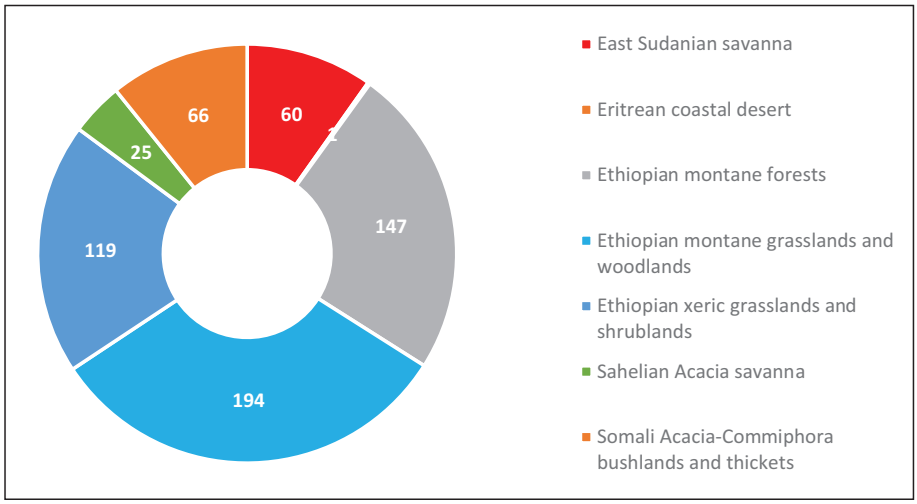

Figure 3. Number of species reported per ecological regions of Eritrea.

Publication trends over time

The literature used spans over more than a century, from 1870 to 2025 and shows a clear increase in research activity over time (Fig. 4). Early publications were sparse, with only isolated studies appearing between the late 19th century and the mid-20th century. Out of the total 136 papers reviewed, 73.53% have been produced in the 20th century, especially during the second half, reflecting growing academic interest in the topic. Moreover, in the early 21st century, when publications appeared consistently and annually, output occasionally reached three to four studies per year. Overall, the trend indicates a steady broadening of the literature base, with sustained scholarly attention and increased research activity over time.

Author contribution

An analysis of authors' contributions revealed a clear dominance by a small number of researchers. Linnavuori is by far the greatest contributor with 25

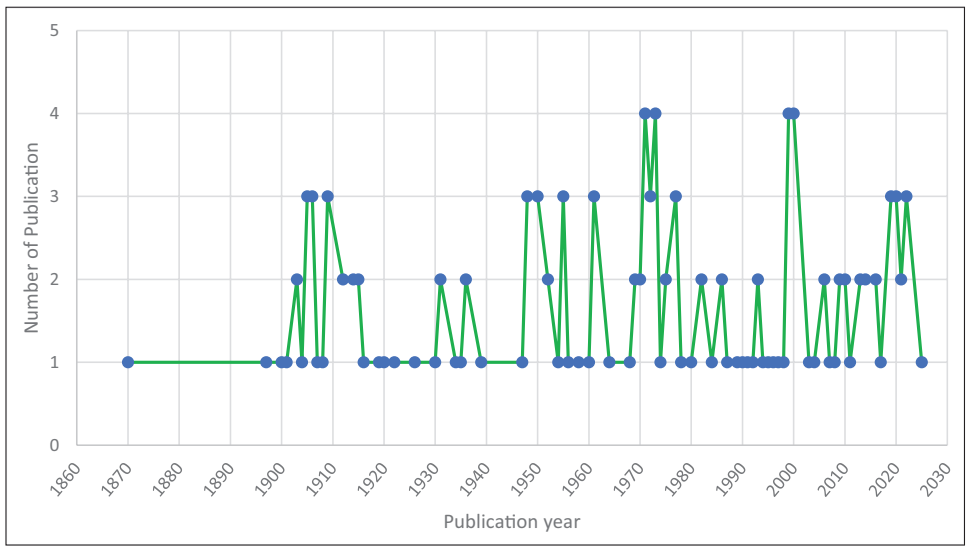

Figure 4. Number of taxonomic and biodiversity publications produced per decade (1870-2025) considered for the current work.

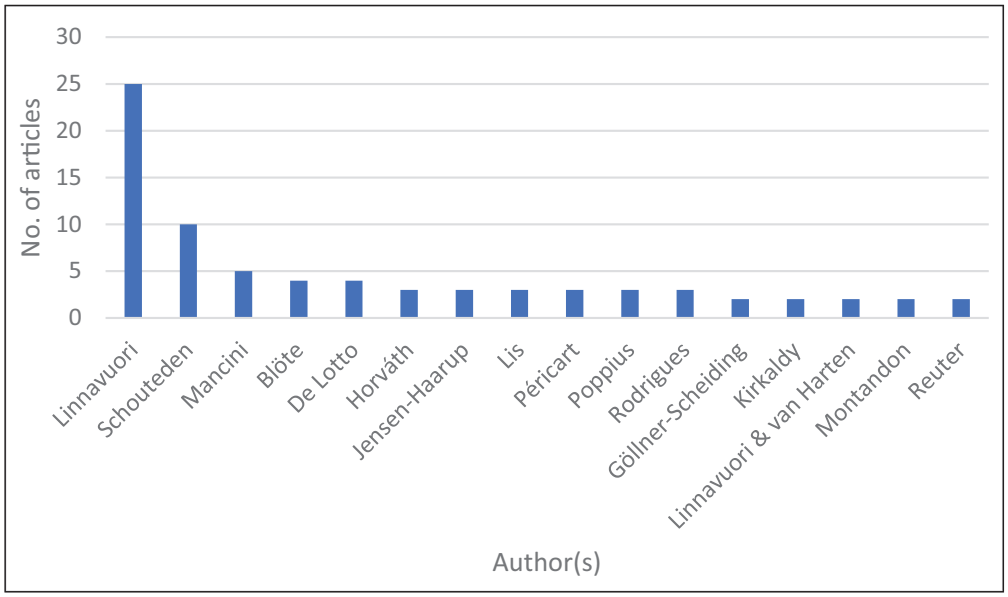

Figure 5. Total number of publications per author. Only authors who have more than three publications are included,

publications, representing 18.38% of the documented work for this study (Fig. 5), followed by Schouteden, who authored 10 publications, Mancini with five publications and Blöte and De Lotto each with four articles. In contrast, the remaining authors contributed less than three publications.

Distribution of species records amongst authors

The compiled checklist indicates that a relatively small number of authors contributed the majority of species records (Fig. 6). Mancini was the most significant contributor, reporting 183 species across five publications, followed by Linnavuori and Schouteden, who documented 118 and 58 species, respectively. Thus, the first three species documented the 63% of the total species. Nevertheless, several other authors also contributed a substantial number of species records.

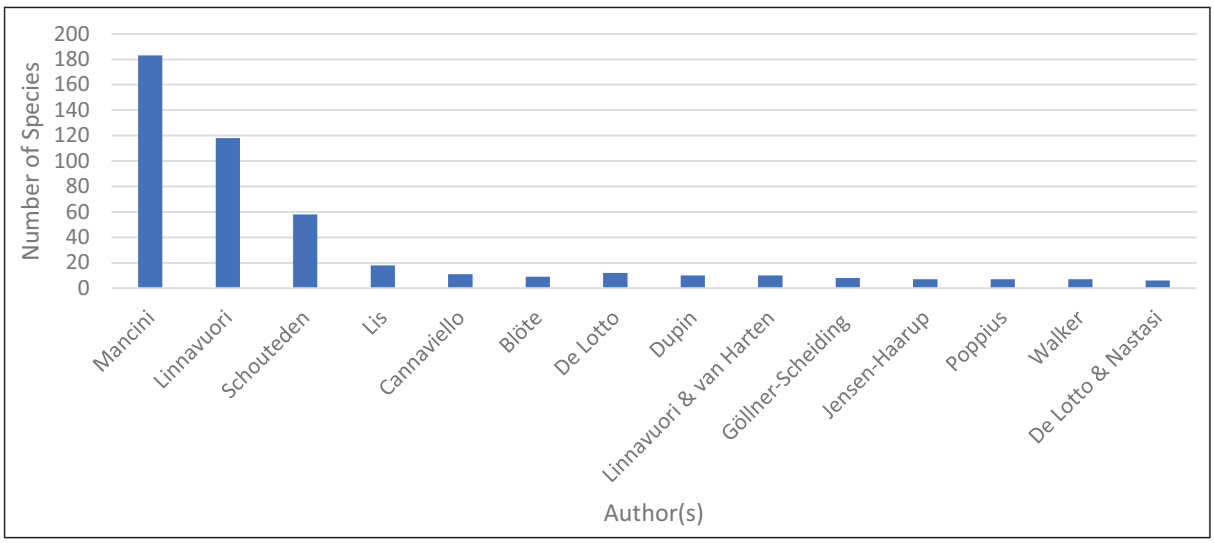

Figure 6. Total number of species reported per author(s) in studies published between 1870 and 2025. Only authors who reported at least six species from Eritrea are presented in the chart.

Discussion

Climate change in Heteroptera biodiversity

Climate change plays a critical role in shaping the overall species composition and diversity of Heteroptera (true bugs) across different ecological regions of Eritrea. Factors, such as rising temperatures, irregular rainfall patterns, prolonged droughts and reduced precipitation, have led to significant changes in vegetation cover and composition (Garamvölgyi and Hufnagel 2013; Sun et al. 2022; Ónodi et al. 2025). Since most heteropterans depend directly on plant communities for food and shelter, such vegetation shifts strongly influence their distribution, abundance and species richness (Musolin 2007; Moy et al. 2022). Moreover, the decline in precipitation due to increased temperature, leads to an increment of the aridity and then widening land degradation which reaches up to 85% of the country's land surface.

Despite these harsh conditions, Eritrea remains one of the biodiversity hotspots in northeastAfrica (Wang et al. 2020). The highlands host significantly higher floral and faunal endemism compared to the lowlands, providing suitable microhabitats for a variety of heteropteran taxa. However, the ongoing climatic stress and land-use changes are expected to alter these ecological niches and influence the regional composition of Heteroptera.

These land-use changes, combined with increased aridity and temperature, have likely reshaped available habitats for heteropteran assemblages, reducing diversity in some dry zones, while promoting adaptive or migratory species in irrigated agricultural areas (Fauvel 1999; Ta et al. 2025). Mirid bugs, in particular, are known for their high sensitivity to temperature and habitat changes due to their delicate physiology, making them reliable bioindicators of environmental disturbance (Namyatova et al. 2024). Therefore, changes in Eritrea's climate and vegetation dynamics are likely to have a direct effect on the diversity and distribution of heteropteran species along other arthropod species.

Heteroptera diversity

Available data indicate that Eritrean heteropteran assemblages are dominated by the family Pentatomidae, Miridae and Reduviidae, which exhibit the highest species richness. The prominence of these families is largely attributed to their broad ecological adaptability and likely due to their wide range of feeding strategies, including both phytophagous and predatory habits, which facilitate occupation of diverse habitats (Weirauch and Schuh 2011; Schuh and Weirauch 2020).

Moreover, the habitat of the Eritrean heteropterans is mainly dominated by terrestrial species (Table 6). This pattern is consistent with global trends, as only about 10% of described Heteroptera species are aquatic or semi-aquatic (Polhemus and Polhemus 2008; Schuh and Weirauch 2020). This is because the evolutionary origin and early diversification of heteropterans were closely associated with terrestrial habitats and early heteropterans were primarily phytophagous. Their feeding adaptations allowed them to exploit a wide range of terrestrial plant resources (Sweet 1979). Aquatic habitats, particularly freshwater systems, are often more spatially constrained and may impose stronger physiological and ecological limitations on insect colonisation (Dijkstra et al. 2014; Lancaster and Downes 2018).

Table 6. A summary of Eritrean Heteroptera by hierarchy and its possible occurrence by habitat.

Taxonomic category	Terrestrial	Aquatic	Semi-aquatic	Total
Family	26	7	7	40
Genus	216	11	9	236
Species	351	23	10	384
Species %	91.41	5.99	2.60	100

Moreover, terrestrial ecosystems provide a broader and more diverse array of food resources compared with aquatic ecosystems. Terrestrial vegetation supports complex trophic interactions and high insect diversity, creating opportunities for both phytophagous and predatory heteropterans (Habel et al. 2019; Lucatero et al. 2024). As a result, terrestrial heteropterans occur across a broad range of habitats and such structural complexity increases niche availability and reduces direct competition, allowing multiple lineages to diversify and specialise (Klimm et al. 2024).

Eritrean heteropteran diversity has not been systematically investigated for more than six decades, since the spring 1963 sampling of Heteropteran specimens by Rauno E. Linnavuori. Moreover, his collecting sites were mainly concentrated in the central part of the country. This is mainly due to the war for Eritrean independence, Africa's longest war for independence (September 1961–May 1991) (Cliffe and Davidson 1988; UN 1996) and the lack of experts in the field. Nevertheless, specimens originating from Eritrea and preserved in museums, primarily in the Global North, continue to be studied.

Authors contributions

Early contributions of research studies focusing on Eritrean heteropteran in early times were relatively scarce, especially before the second half of the 20th century (Fig. 4). This may be associated with WWI & II when many scientists were mobilised for military service, research priorities shifted to wartime needs and scientific communication and field research were severely constrained (Cushing 1957). On the other hand, especially in the 19th century, military personnel, mainly army officers, collected insects and other natural history specimens during their postings abroad (Cloudsley-Thompson 1988). Overall, the data indicate that, while early documentation was limited, research on Eritrean Heteroptera has expanded considerably since the 1970s, with a particularly strong increase in the 21st century as most studies done are based on preserved specimens found in various museums of the world.

Challenges of taxonomic research in Africa

Entomology as a scientific discipline and taxonomy, in particular, is generally less developed in Africa compared to other parts of the world, especially the Global North. Despite Africa's rich biodiversity, most of its species have historically been collected and described by entomologists from the Global North, primarily Europeans. Moreover, these specimens are often stored in natural history museums located in the Global North, limiting access for researchers from the Global South, who must often travel abroad to study material

collected from their own regions (CABI 2011; Kirk-Spriggs and Sinclair 2017; Ogodo 2017; Hammel 2019; ESA 2021; Worboys 2022; Gamito 2023). On the other hand, these museums located in Global North provide richer material for researchers, thus reducing travel costs.

This geographic and infrastructural imbalance is perpetuated by disparities in research funding, laboratory facilities and institutional support (Ogodo 2017; Magagula and Hawkes 2023; Boevé and Pauly 2024; Sánchez Herrera et al. 2024). The current global decline in faunistic taxonomy exacerbates these challenges, as the number of specialists in insect systematics continues to decrease worldwide due to limited financial resources, prioritisation of other biological disciplines and reduced public engagement in specimen-based research (Thomson et al. 2018; Engel et al. 2021; Páll-Gergely et al. 2024).

Addressing the identification crisis, it is required to coordinate international and regional efforts, such as promoting education, developing citizen science at national and regional level, training biodiversity experts (Pocock et al. 2018; Fraisl et al. 2022), digitising existing entomological collections, establishing national and regional natural history museums and fostering collaboration between professional and amateur entomologists (Yuqin 2008; Costa et al. 2021; Páll-Gergely et al. 2024). Such measures would greatly enhance understanding of Heteropteran diversity in Eritrea and strengthen its integration into the broader biogeographical context of north-eastern Africa.

Conclusions

Heteropteran diversity from Eritrea is currently known from historical records. Considering the combined impacts of climate change, agricultural expansion and deforestation over the past six decades on one hand and the shortage of Heteropteran taxonomists in the region, it is likely that the abundance and species richness of Heteroptera in Eritrea have changed. No survey of Heteropteran species from this geographical area has been conducted for more than 60 years, since Linnavuori's collecting expedition in spring 1963.

In order to address this knowledge gap, efforts should be made to strengthen regional and international collaboration, promoting citizen science at national and regional level, educating and training biodiversity experts, digitising and enriching existing local and regional natural history museum collections and supporting research institutions within the country.

Acknowledgements

P.K.'s work is supported by the NKKP_STARTING-152282 project (with the support of the Ministry of Culture and Innovation from the National Research Development and Innovation Fund) and the Bolyai János Research Grant of the Hungarian Academy of Sciences.

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Additional information

Conflict of interest

The authors have declared that no competing interests exist.

Ethical statement

No ethical statement was reported.

Artificial Intelligence (AI) use

The authors accept full responsibility for the content of the manuscript, including the disclosure of any use of AI.
No AI tools were used in the preparation of this manuscript.

Funding

P.K.'s work is supported by the NKKP_STARTING-152282 project (with the support of the Ministry of Culture and Innovation from the National Research Development and Innovation Fund) and the Bolyai János Research Grant of the Hungarian Academy of Sciences.

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D. B.: Conceptualization, Investigation, Writing – original draft. A. S.: Formal analysis, Visualization, Writing – review & editing. P. K.: Methodology, Investigation, Writing – review & editing, Supervision.

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Data availability

All of the data that support the findings of this study are available in the main text.