Check-list of the butterflies of the Kakamega Forest Nature Reserve in western Kenya (Lepidoptera: Hesperioidea, Papilionoidea)

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Abstract: All species of butterflies recorded from the Kakamega Forest N.R. in western Kenya are listed for the first time. The check-list is based mainly on the collection of A.B.R.I. (African Butterfly Research Institute, Nairobi). Furthermore records from the collection of the National Museum of Kenya (Nairobi), the BIOTA-project and from literature were included in this list. In total 491 species or 55% of approximately 900 Kenyan species could be verified for the area. 31 species were not recorded before from Kenyan territory, 9 of them were described as new since the appearance of the book by Larsen (1996).

Checkliste der Tagfalter des Kakamega-Waldschutzgebiets in Kenia (Lepidoptera: Hesperioidea, Papilionoidea)


Introduction

Tropical forests are species-rich and their importance is increasingly being recognised for studies of biodiversity. Insect species of the African rainforests are only rarely investigated. In fact species lists of smaller areas, below the level of country, do not exist for many groups and areas. However, this basic information is necessary for protection, landscape planning and management (Miller & Rogo 2001). Only an inventory list can form a sound basis for the “measurement of biodiversity” and its evaluation, for instance from different degrees of land use. Therefore the species inventory must take precedence. The establishment of an inventory list of a species group can be carried out in different ways: recording in the field, lists from the literature or an inventory of available collection material. In practice a balanced combination of these three possibilities is usually used.

Collections are the “memory of science” and form the basis for information on biodiversity. It is only possible to preserve what is known. During the compilation of this list it was clear that thorough investigation of scientific collections can produce a very sound list of the occurring species in a relatively short time. The information density is frequently underestimated and collection data offers a description of species diversity within a local area, in particular with reference to rapid measurement of biodiversity (Trueman & Cranston 1997, Danks 1998, Trojan 2000).

The kind of list being produced here represents an information source for the total species diversity of the Kakamega forest. In addition it forms the basis for an environmental evaluation and the construction of protection- and management programmes using this important insect group. This contribution arose in cooperation with the German project on Biodiversity Monitoring Transect Analysis in Africa (BIOTA), the African Butterfly Research Institute (A.B.R.I., Nairobi) and the National Museum of Kenya (NMK) in Nairobi.

The recording of the butterfly fauna in Eastern Africa has a long tradition. These developments were predominantly carried by the former scientists of the Stoneham Museum (Kitale) and the Coryndon Museum (today the National Museum of Kenya) at the beginning of the last century. From 1925 (Rogers & van Someren 1925) until 1939, K. Rogers and V. G. L. van Someren (later continued by van Someren only) published regularly-appearing treatises of the systematical processing of the butterflies of Kenya and Uganda. This work was continued by W. Peters (1952) and H. F. Stoneham (1951–1965) and finally resulted in the well-known book of Kenyan butterflies (Larsen 1991), in which 870 species were recorded for Kenya.

The Kakamega forest was always regarded as a highly interesting area within Kenya with an independent flora and fauna. It is distinguished from the Congolese rainforest in its composition due to special geographical features. For Kenya this forest area surely represents a hot-spot of diversity.

However, only rarely published data about fieldwork on butterflies in the forest itself exist (Angwin 1980, Emmel & Warren 1993). The forest area was already mentioned in an expedition report from the year 1920 (Aurivillius 1921). Herein the forest was designated as an island north of the old Kaimosi mission in a cultivated coun-

1 We dedicate this paper to our late friend and colleague Prof. Dr. Clas M. Naumann, Bonn.
The number of butterfly species for the Kakamega forest was initially estimated at 350 (Larsen 1991). In the second edition of the book 18 species were added for Kakamega (Collins & Larsen 1996). Subsequently a further 25 species have been found new to Kenya. However, up to now a checklist of the butterflies of this very important area is absent. But for monitoring and research on biodiversity as part of the BIOTA project it was necessary to compile all recorded butterflies from this area (see above).

As a result, in total 491 species or 55% of around 900 Kenyan species could be verified for the area of Kakamega forest. 31 species were not recorded before from Kenyan territory, 9 of them were described as new since the appearance of the book of Larsen (1996; for example Libert 1999, Collins & Larsen 1998, 2000).
Investigation area

The Kakamega forest is the most eastern relict of the central African forest block in the Western Region, approximately 70 km north of Kisumu, at an altitude of around 1600 m above sea level (Schultka 1975, Kigomo 1987) as compared to surrounding areas, for example Kisumu with 1200 mm/year. The precipitation in this area falls the whole year. There are no distinct wet and dry seasons. Only the months December and January have on average less precipitation. Variations from year to year are frequent. The reason is the close spatial proximity to Lake Victoria, by which cloud formation occurs permanently and precipitation depends on wind direction near the lake.

The human impact in this area was and remains an important factor. A sawmill existed in the Kakamega forest until the end of the 1960s (Schultka 1975) and the forest has been logged (Kigomo 1987, Kiama & Kiyipi 2000). The forest became a Forest Reserve in 1933. In 1967 two Nature Reserves (Yala and Isecheno) were established and in 1985 two National Reserves (Byango and Kisere) were created. The re-generation of the forest (for more details see Kiama & Kiyipi 2000) is closely related to these developments.

The forest is currently strongly fragmented with many open fields, which are undoubtedly anthropogenic in origin (Map 3). However, within the rainforest investigation into the effects of large game animals on the landscape — as a part of the natural habitat — is still poorly known. Large game makes an essential (natural) contribution towards the maintenance of an open landscape. Therefore small fragments at different stages of succession inside a forest also have to be accepted as natural conditions (Fig. 1). These different stages are essential for many insect species. However, it can be proven that records of typical savanna species go back to the 1930s in the Kakamega region.

Methods

The starting point was the preparation of a raw list based on a critical review of existing literature. All available species — which could be supposed or which were recorded from the Kakamega area — were included into this list. After this step the list became more qualified. The exact criterion to keep a species in the list was to find one specimen which was collected in the Kakamega forest where the record could clearly identified by the label. Specimens which are labelled from localities beyond the forest, for instance Kaimosi or Malaba, are included in the list but reproduced here with their original locality.

More importantly a detailed study and/or inventory of the collections of the A.B.R.I. and the NMK. All discovered records were databased. Only the most recent record for each species is given here. The systematics of the present work follows Ackery et al. (1995).

Checklist

Additional abbreviation used:
BMNH The Natural History Museum, London (formerly British Museum (Natural History)), U.K.

Hesperiidae

Coeliadinae

Coeliades forestan (Stoll, 1782) 10. iii. 1999 (A.B.R.I.).

Pyrginae

Celaenorrhinus galenus (Fabricius, 1793) ix. 1999 (A.B.R.I.).
Tagiades flesus (Fabricius, 1781) x. 1988 (A.B.R.I.).
Eagris lucetia (Hewitson, 1876) ix. 2001 (BIOTA).
Eagris sabadius (Gray, 1832) xii. 1993 (A.B.R.I.).
Eretis mitiana Evans, 1937 ix. 2001 (BIOTA).
Eretis herewardi Riley, 1921
18. xii. 1990 (NMK), new for Kenya list.

Sarangesa laevis (Mabille, 1877)

Sarangesa haplopa Swinhoe, 1907
ix. 2001 (BIOTA).

Sarangesa bouvieri (Mabille, 1877)

Sarangesa seineri Strand, 1909

Sarangesa brigida (Plötz, 1879)

Saranges lucidella (Mabille, 1891)

Saranges maculata (Mabille, 1891)
ix. 2001 (BIOTA).

Netrobalane canopus (Trimen, 1864)

Abantis biomarchki Karsch, 1892

Abantis contigua Evans, 1937
1935 (NMK).

Spialia spio (Linnaeus, 1764)

Spialia dromus (Hopffer, 1855)

Spialia dromus (Plötz, 1884)

Spialia ploetzii (Aurivillius, 1891)

Spialia zebra (Butler, 1888)
x. 2001 (BIOTA).

Hesperinae

Metisella midas (Butler, 1894)
ix. 2001 (BIOTA).

Metisella medea Evans, 1937
ix. 2001 (BIOTA).

Metisella kakamega de Jong, 1976

Metisella trisignatus (Neave, 1904)

Metisella formosus linda Evans, 1937
1935 (NMK).

Lepella lepeletier (Latreille, 1824)

Prosopalpus styia Evans, 1937

Kedestes mohozuta (Wallengren, 1857)
1935 (NMK).

Gorgyra bina Evans, 1937

Gorgyra diversata Evans, 1937

Gorgyra kalinzu Evans, 1949

Gorgyra mocquerysii Holland, 1896

Gorgyra aretina (Hewitson, 1878)

Gorgyra bibulus Riley, 1929

Gorgyra pali Evans, 1937

Ceratrichia flavus Hewitson, 1878
ix. 2001 (BIOTA).

Ceratrichia wollastonii Heron, 1909

Ceratrichia hollandii Bethune-Baker, 1908

Ceratrichia brunnea Bethune-Baker, 1906
ix. 2001 (BIOTA).

Ceratrichia mabirensis Riley, 1925

Pardaleodes sator (Westwood, [1852])

Pardaleodes incerta (Snellen, 1872)

Pardaleodes tibullus (Fabricius, 1793)

Pardaleodes bale Holland, 1896

Ankola fan (Holland, 1894)
x. 2001 (BIOTA).

Xanthodisca vibius Hewitson, 1878

Osmodes laronia Hewitson 1868

Paraosmodes morantii axis Evans, 1937

Paracleros biguttulus (Mabille, 1889)
i. 1999 (A.B.R.I.).

Paracleros staudei Collins & Larsen, 2000
(A.B.R.I.), new for Kenya list.

Accleros ploetzii Mabille, 1890

Accleros mackenii (Trimen, 1868)

Semalea pulvina (Plötz, 1879)

Semalea sextilis (Plötz, 1886)

Andronymus caesar (Fabricius, 1793)

Chondrolepis niveicornis (Plötz, 1883)

Chondrolepis leggei (Heron, 1909)
Gamia shelleyi (Sharpe, 1890) vi. 1999 (A.B.R.I.).
Platylesches picunii (Holland, 1894) (A.B.R.I.), new for Kenya list.
Borbo borbonica (Boisduval, 1833) i. 1993 (A.B.R.I.).
Borbo fatuellus (Hopffer, 1855) i. 1999 (A.B.R.I.).
Borbo lugens (Hopffer, 1855) i. 1999 (A.B.R.I.).
Borbo sirena (Evans, 1937)
Gegenes pumilio (Hoffmansegg, 1804) 1957 (NMK).
Gegenes niso (Linnaeus, 1764) x. 2001 (BIOTA).
Gegenes hottenrotta (Latreille, [1824]) x. 2001 (BIOTA).

**Papilionidae**

**Papilio echerioides zorastes** Druce, 1878 x. 2001 (BIOTA).
**Papilio jacksoni** Sharpe, 1891 x. 2001 (BIOTA).
**Papilio dardanus** Brown, 1776 x. 2002 (BIOTA).
**Papilio bromius** Doubleday, 1845 x. 2002 (BIOTA).
**Papilio interjecta** Vane-Wright, 1995 (nom. nov. for interjecta van Someren, 1960) vi. 2000 (A.B.R.I.), Kaimosi is the type locality.
**Papilio phorcas** Cramer, [1775] x. 2002 (BIOTA).
**Papilio lormieri neocrocea** Kocak, 1983 x. 2002 (BIOTA).
**Papilio nireus** Linnaeus, 1758 ix. 2002 (BIOTA).
**Graphium angolanaus** Goeze, 1779 x. 1948 (NMK).
**Graphium policenes** (Cramer, [1775]) ix. 2001 (BIOTA).

**Pieridae**

**Coliadininae**

**Catopsila florella** (Fabricius, 1775) x. 2002 (BIOTA).
**Colias electo** (Linnaeus, 1763) iii. 1933 (NMK).
**Eurema hecabe** (Linnaeus, 1758)
**Eurena senegalensis** (Boisduval, 1836) x. 2001 (BIOTA).
**Eurena desjardinsi** (Boisduval, 1836) xi. 2001 (BIOTA).
**Eurena brighta** (Stoll, [1870]) xi. 2002 (BIOTA).
**Eurena mandarinula** (Holland, 1892)
**Eurena hapale** (Mabille, 1887) xi. 2001 (BIOTA).
**Eurena regularis** Butler, 1876 Doubtfully recorded in Emmel & Warren (1993).
Pierinae

*Neperonia argia* (Fabricius, 1775)
ix. 2001 (BIOTA).

*Neperonia thalassina* (Boisduval, 1836)
ix. 2001 (BIOTA).

*Neperonia pharis* (Boisduval, 1836)
ix. 2001 (BIOTA).

*Eronia cleodora* Hürner, [1823]

*Colotis eloegnus* (Sharpe, 1891)
v. 2002 (BIOTA).

*Colotis eupipe* (Linnaeus, 1758)

*Belenois aurora* (Fabricius, 1793)

*Belenois creona* (Crämer, [1776])

*Belenois raffravi* (Obethür, 1878)
x. 2002 (BIOTA).

*Belenois zochalia* aggrippinides (Holland, 1896)
iii. 1969 (NMK).

*Belenois victoria* Dixey, 1915
v. 2000 (A.B.R.I.). *Belenois crawshayi* Butler, 1893 is doubtfully recorded in Larsen (1991), the specimens in the NMK are misdetermined, it is *victoria* Dixey.

*Belenois calypso* (Drury, [1773])

*Belenois sudanensis* (Talbot, 1929)
iii. 1939 (NMK), Emmel & Warren (1993).

*Belenois thysea* (Hofffer, 1855)

*Belenois subeida* (Felder & Felder, [1865])

*Appias sylvia* (Fabricius, 1775)

*Appias perlucens* (Butler, 1898)
v. 1998 (A.B.R.I.), the specimens of *sylvia* in the NMK (last record v. 1952) are this species, new for Kenya list.

*Appias sabina* (Felder & Felder, [1865])
x. 2001 (BIOTA).

*Appias epaphia* (Cramer, [1779])
v. 1952 (NMK).

*Appias phaola* isokani Grose-Smith, 1890
Doubtfully recorded in Emmel & Warren (1993).

*Mylothris chloris* (Fabricius, 1775)

*Mylothris rueppelli* (Koch, 1865)

*Mylothris continua* Talbot, 1944

*Mylothris hilara* (Karsch, 1892)
According to Larsen (1991) there are specimens in NMK, which were not found.

*Mylothris yulei* Butler, 1897
ix. 2001 (BIOTA).

*Mylothris rhodope* (Fabricius, 1775)
Doubtfully, the specimen from 1970 (NMK) looks like the following species (*kiwensis*).

*Mylothris kiwensis* Grünberg, 1910
Larsen (1991) has not seen true specimens from Kenya.

*Mylothris schumanni* uniformis Talbot, 1944

*Mylothris rubicosta* (Mabille, 1890)

*Leptosia alcesta* (Stoll, [1781])

*Leptosia nupta* (Butler, 1873)
x. 2002 (BIOTA).

*Leptosia hybida* Bernardi, 1952

*Leptosia wigginsi* (Dixey, 1915)
ix. 2001 (BIOTA).

Nymphalidae

Acraeinae

*Acraea perenna* Doubleday, [1847]

*Acraea cinerea* Neava, 1904

*Acraea melanoxantha* Sharpe, 1891

*Acraea penelos* Staudinger, 1896
x. 2002 (BIOTA).

*Acraea oreas* Sharpe, 1891

*Acraea servona* Godart, [1819]

*Acraea penelaos* Ward, 1871

*Acraea semivitrea* Aurivillius, 1895
ix. 2001 (BIOTA).

*Acraea quirinalis* Grose-Smith, 1900

*Acraea humilis* Sharpe, 1897

*Acraea pharsalus* Ward, 1871
ix. 2001 (BIOTA).

*Acraea encedon* (Linnaeus, 1758)

*Acraea encedana* Pierre, 1976

*Acraea disjuncta* Grose-Smith, 1898
ix. 2001 (BIOTA).

*Acraea auriventii* Staudinger, 1896
Acraea jodutta (Fabricius, 1793) 19. 2002 (BIOTA).

Acraea lycaea Godart, 1819 x. 2002 (BIOTA).


Acraea eponina (Cramer, 1780) 1938 (NMK).


Acraea rangatana Eltringham, 1912 1947 (NMK).

Acraea althoffi neavei Poulton, 1924 According to Larsen (1991) this species was recorded by van Someren & Rogers (1926) and Carcasson (1961b).


Acraea uvui Grose-Smith, 1890 Larsen (1991), 1957 (NMK).

Acraea alicia (Sharpe, 1890) ix. 2001 (BIOTA).

Acraea satikensis Sharpe, 1892 ix. 2001 (BIOTA).


Acraea egina (Cramer, [1775]) ix. 2001 (BIOTA).


Acraea leucographa Ribbe, 1889 ix. 2001 (BIOTA).


Acraea asholopintha Karsch, 1894 ix. 2001 (BIOTA).


Acraea anaactron Trimen, 1868 1927 (NMK).

Acraea disjuncta Grose-Smith, 1898 1956 (NMK).


Acraea poggi Dewitz, 1879 x. 2001 (BIOTA).

Acraea macaria (Fabricius, 1793) ix. 2001 (BIOTA).


Danaidae

Danaus chrysippus (Linnaeus, 1758) x. 2002 (BIOTA).


Tirumala formosa (Godman, 1880) ix. 2002 (BIOTA).

Amauris niavius (Linnaeus, 1758) x. 2002 (BIOTA).

Amauris tartarea Marille, 1876 ix. 2001 (BIOTA).


Amauris echeria (Stoll, 1791) x. 2002 (BIOTA).

Amauris albimaculata Butler, 1875 ix. 2001 (BIOTA).


Satyrinae

Gnophodes betsimena (Boisduval, 1833) v. 2002 (BIOTA).

Gnophodes chelys (Fabricius, 1793) ix. 2001 (BIOTA).

Melinitis ledia (Linnaeus, 1758) ix. 2001 (BIOTA).


Bicyclus jefferyi Fox, 1963 ix. 2001 (BIOTA).

Bicyclus buea (Strand, 1912) ix. 2001 (BIOTA).

Bicyclus isaris (Ploetz, 1880) ix. 2001 (BIOTA), Kaimosi vi. 1955 (NMK).

Bicyclus sophrosyne (Ploetz, 1880) x. 2001 (BIOTA).

Bicyclus mollitia (Karsch, 1895) ix. 2001 (BIOTA).
Bicyclus saffirina (Westwood, [1850])
\[x. 2001 \text{(BIOTA).}\]

Bicyclus saussurei (Dewitz, 1879)
\[\text{iix. 2001} \text{(BIOTA).}\]

Bicyclus smithi (Aurivillius, 1898)
\[\text{Larsen (1991), iii. 1969 (NMK), Emmel & Warren (1993).}\]

Bicyclus golo (Aurivillius, 1893)

Bicyclus dentata (Sharpe, 1898)
\[\text{x. 2001 (BIOTA).}\]

Bicyclus campsi (Karsch, 1893)
\[\text{ix. 2001 (BIOTA).}\]

Henotesia peitho (Plötz, 1880)
\[\text{iv. 2002 (BIOTA).}\]

Ypthima antennata Kielland 1982
\[\text{Emmel & Warren (1993).}\]

Ypthima granulosa Butler, 1883
\[\text{Angwin (1980), vi. 1970 (NMK).}\]

Ypthima simplicia Butler, 1876
\[\text{6. x. 1930 (NMK).}\]

Ypthima albida Butler, 1888
\[\text{ix. 2002 (BIOTA).}\]

Ypthima recta Overleet, 1955
\[\text{Emmel & Warren (1993).}\]

Ypthima pupillaris obscurata Kielland, 1982
\[\text{ix. 1991 (A.B.R.I.).}\]

Ypthima asterope (Klug, 1832)
\[\text{Emmel & Warren (1993).}\]

Ypthima monomorpha ionia (Hewitson, 1865)
\[\text{ix. 2001 (BIOTA).}\]

Lachnoptera ayresi Trimen, 1879
\[\text{x. 2001 (BIOTA).}\]

Lachnoptera anticycla (Hürner, 1819)
\[\text{ix. 2001 (BIOTA).}\]

Phalanta eurythis (Doubleday, [1847])
\[\text{x. 2002 (BIOTA).}\]

Nymphalinae

Malika jacksoni (Sharpe, 1896)
\[\text{Larsen (1991).}\]

Kamilla ansorgei (Rothschild, 1899)
\[\text{1937 (NMK).}\]

Hypolimnas misippus (Linnaeus, 1764)
\[\text{Malawa: 1937 (NMK), Emmel & Warren (1993).}\]

Hypolimnas anahedon Doubleday, 1845

Hypolimnas dinarcha (Hewitson, 1865)
\[\text{ix. 1997 (A.B.R.I.).}\]

Hypolimnas monteironis major Rothschild, 1918
\[\text{vii. 1998 (A.B.R.I.).}\]

Hypolimnas salmucis (Drury, [1773])
\[\text{Originally recorded by Stoneham (1965), may be confused with previous species: Larsen (1991).}\]

Salamis tenuora Felder & Felder, [1867]
\[\text{iv. 2002 (BIOTA).}\]

Salamis parhassus (Drury, 1782)
\[\text{x. 2002 (BIOTA).}\]

Junonia eurete (Linnaeus, 1758)
\[\text{x. 2002 (BIOTA).}\]

Junonia hierta (Fabricius, 1798)
\[\text{x. 2002 (BIOTA), Kaimosi: 25. iv. 1961 (NMK).}\]

Junonia westermanni Westwood, 1870
\[\text{ix. 2002 (BIOTA).}\]

Junonia sophia (Fabricius, 1793)
\[\text{x. 2002 (BIOTA).}\]

Junonia stygia (Aurivillius, 1894)
\[\text{x. 2002 (BIOTA).}\]

Junonia natalica (Felder & Felder, 1860)
\[\text{Doubtfully recorded in Larsen (1991).}\]

Junonia octavia (Cramer, [1777])
\[\text{1941 (NMK), Emmel & Warren (1993).}\]

Junonia tugela (Trimen, 1879)
\[\text{Emmel & Warren (1993).}\]

Junonia ceryne (Boisduval, 1847)
\[\text{Larsen (1991), Emmel & Warren (1993).}\]

Junonia pelarya (Fabricius, 1775)

Junonia tereia (Drury, [1773])
\[\text{x. 2002 (BIOTA).}\]

\textit{Junonia milonia} (Felder & Felder, 1867)
\[\text{1965 (NMK), doubtful determination, maybe the specimen is an aberration of another member of this group, otherwise new for Kenia list.}\]

Junonia coelestina (Dewitz, 1879)
\[\text{24. xii. 1981 (A.B.R.I.), Yala: 27. x. 1928 (NMK).}\]

Junonia raunana Grose-Smith, 1898
\[\text{Larsen (1991), Carcasson (1961a) described ssp. \textit{kakamega} but this is a synonym.}\]

Cataplectera cloanthe (Stoll, [1781])
\[\text{1937 (NMK).}\]

Vanessa silca latifasciata Joyce & Talbot, 1928
\[\text{x. 2002 (BIOTA).}\]

Antavanitia delius (Drury, 1782)
\[\text{Larsen (1991).}\]

Antavanitia schaeneia dubia Howarth, 1966
\[\text{iv. [19]33[?] (NMK).}\]

Limenitinae

Ariadne enotre (Cramer, [1779])

Ariadne pagenstecheri (Suffert, 1904)
\[\text{(BIOTA) ix. 1997 (A.B.R.I.).}\]

Neptidopsis ophione (Cramer, [1777])
\[\text{x. 2002 (BIOTA).}\]

Eurytela hiertas lita Rothschild & Jordan, 1903
\[\text{x. 2002 (BIOTA).}\]

Sallya garega (Karsch, 1892)
\[\text{x. 2002 (BIOTA).}\]
Sallya boisduvali (Wallengreen, 1857) x. 2002 (BIOTA).
Sallya occidentalis (Marille, 1876) x. 2002 (BIOTA).
Cyrestis camillus (Fabricius, 1781) x. 2002 (BIOTA).
Neptis sacclava Boisduval, 1833 ix. 2001 (BIOTA).
Neptis metella (Doubleday, [1848]) ix. 2001 (BIOTA).

Neptis conspicua Neave, 1904 ix. 2001 (BIOTA).
Neptis nicomodes Hewitson, 1874 ix. 2001 (BIOTA).
Neptis nicobule Holland, 1892 ix. 2001 (BIOTA).
Neptis woodwardi Sharpe, 1899 ix. 2001 (BIOTA).
Bebearia sophus (Fabricius, 1793)

Type locality is Malawa forest, 1966 (NMK).

Euphaedra Linnaeus (Euphaedra, 1763)

medon rattrayi coeroleomaculata Hecq

Euphaedra Synonym: , 1860)

Euryphura (chalcis Euriphene, 1894)

saphirina Karsch


Type locality, Carcasson, 1965

neptidina Pseudathyma jacksoni Butler, 1902

plutonica (Butler, 1871)

Euptera (elabontas Joicey & Talbot, 1921

hirundo Euptera Butler & Rothschild, 1892

Pseudacraea clarkii Butler & Rothschild, 1892


Pseudacraea kuenonis Dewitz, 1879

Pseudacraea lucertia (Cramer, [1775])

Pseudacraea boisduvali (Doubleday, 1845)


Pseudacraea clarkii Butler & Rothschild, 1892


Euptera hirundo lufrensis Joicey & Talbot, 1921


Euptera elongata (Hewitson, 1871)

iii. 2002 (BIOTA).

Pseudathyma plutonica Butler, 1902


Pseudathyma neptidina jacksoni Carcasson, 1965

Type locality, ii. 2000 (A.B.R.I.).

Euriphene ribensis Ward, 1871

x. 2001 (BIOTA).

Euriphene saphirina (Karsch, 1894)

ix. 2001 (BIOTA).

Euryphora chalcis (Felder & Felder, 1860)


Euphaedra ratrayi coeroleomaculata Hecq, 1991

ix. 2001 (BIOTA).

Euphaedra medon (Linnaeus, 1763)

x. 2002 (BIOTA).

Euphaedra rex Stoneham, 1935

Type locality is Malawa forest, 1966 (NMK), ix. 2001 (BIOTA).

Bebearia sophus (Fabricius, 1793)

i. 1999 (A.B.R.I.).

Asterica galene (Brown, 1776)

x. 2002 (BIOTA).

Pseudargynnis hegemone (Godart, [1819])

x. 2002 (BIOTA).

Catuna criitha (Drury, [1773])

x. 2002 (BIOTA).

Charaxinae

Charaxes brutus (Cramer, 1779)

iv. 2002 (BIOTA).

Charaxes castor (Cramer, 1775)


Charaxes etesipe (Godart, [1824])


Charaxes cynthia Butler, 1865


Charaxes lucernius (Cramer, 1777)


Charaxes lactenictus Karsch, 1892


Charaxes smaragdalis Butler, 1865


Charaxes pyrodoris Hewitson, 1873


Charaxes numenes (Hewitson, 1859)

ix. 2001 (BIOTA).

Charaxes riridates (Cramer, 1777)


Charaxes bipunctatus Rothschild, 1894


Charaxes etheocles (Cramer, 1777)


Charaxes baileyi van Someren, 1958


Charaxes cardiope (Godart, 1824)

ix. 2002 (BIOTA).

Charaxes fulvescens (Aurivillius, 1891)

ix. 2001 (BIOTA).

Charaxes acuminatus stenohumianus Collins & Larsen, 1991


Charaxes eupale (Drury, 1782)


Charaxes pollux (Cramer, 1775)


Charaxes driceanus Butler, 1869

ii. 1933 (NMK).

Charaxes subornatus Schlütle, 1916


Charaxes anticlea (Drury, 1782)

Charaxes subornatus Schlütle, 1916


Charaxes anticlea (Drury, 1782)


Charaxes cedreatis Hewitson, 1874


Charaxes pleione (Godart, 1824)

Charaxes zélica Butler, 1869

Charaxes paphianus subpallida Jocey & Talbot, 1925

Charaxes baumanni interposita van Someren, 1971

Charaxes berkeleyi van Someren & Jackson, 1957

Charaxes ameliae Doumet, 1861
6. x. 1957 (NMK), new for Kenya list.

Charaxes viola picta van Someren & Jackson, 1952
10. x. 1931 (NMK).

Euxanthe crossleyi (Ward, 1871)

Euxanthe eurinome birbirica Ungemach, 1932

Apaturinae
Apaturopsis cleocharis (Hewitson, 1873)
ix. 2001 (BIOTA).

Libytheiniae
Libythea labdaca Westwood, [1851]
x. 2002 (BIOTA).

Lycaenidae
Lipteninae
Pentila paulti clarensis Neave, 1903

Pentila inconspicua Druce, 1910

Pentila tachyroides Dewitz, 1897
Larsen (1991) has seen specimens in BMNH.

Ornipholidotes overlaeti Stempffer, 1947

Ornipholidotes katingae Stempffer, 1947

Ornipholidotes jacksoni Stempffer, 1961

Ornipholidotes mtebi (Bethune-Baker, 1906)

Mimacraea krausei poultoni Neave, 1904

Mimeresia dinora discirubra (Talbot, 1937)

Mimeresia neavei (Jocey & Talbot, 1921)

Eresina fontainei Stempffer, 1956

Eresina jacksoni Stempffer, 1961

Eresina masaka Stempffer, 1962

Eresina bilinea Talbot, 1935
Type locality, xii. 1999 (A.B.R.I.).

Eresina fusca (Cator, 1904)

Eersina toroensis Jocey & Talbot, 1921

Toxochitona gerda (Kirby, 1890)

Argyrocheila mundifera Hawker-Smith, 1933

Libythea xanthostola (Holland, 1890)

Libythea ideoides Dewitz, 1887

Libythea praestans congoensis Schultze, 1923

Libythea kiellandi kakamegae Collins & Larsen, 1998
Type locality, last iv. 2000 (A.B.R.I.), new for Kenya list.

Tetrarhanis ilma ugandae (Stempffer, 1964)

Tetrarhanis diversa ilula (Riley, 1929)

Falcuna orientalis (Bethune-Baker, 1906)

Larinopoda teca (Hewitson, 1873)

Micropentila victoriae Stempffer & Bennett, 1965

Micropentila ugandae Hawker-Smith, 1933

Iridana unyoro Stempffer, 1964

Iridana hypocela Eltringham, 1929

Cephetola impangensis (Jackson, 1962)

Cephetola viridana (Jocey & Talbot, 1921)

Cephetola kamengensis (Jackson, 1962)

Cephetola kakamegae Libert & Collins, 1999
Type locality, last vii. 2000 (A.B.R.I.), new for Kenya list.

Cephetola peteri Kielland & Congdon, 1998

Cephetola mariae Libert, 1999

Cephetola katarae (Jackson, 1962)

Cephetola izidori izidori Kielland & Congdon, 1998

Cephetola mengoensis kenyi Libert & Collins, 1999
Type locality, x. 1998 (A.B.R.I.), new for Kenya list.

Neaveia lamborni orientalis Jackson, 1962
i. 2001 (A.B.R.I.).

Epipolina catori ugandae Jackson, 1962
Hewitsonia ugandae Jackson, 1962

Hewitsonia inexpectata Bouyer, 1997

Liphyrinae

Aslauga marshalli Butler, 1890

Aslauga latifurca Cottrell, 1981

Miletinae

Spalgis lemolea Druce, 1890

Lachnocnema divergens Gaede, 1915
Emmel & Warren (1993), x. 2000 (A.B.R.I.); the recorded specimen of divergens in Larsen (1991) was later identified as L. brunea Libert, 1996.

Lachnocnema rifiensis Libert, 1996

Lachnocnema brunea Libert, 1996

Lachnocnema brimo Karsch, 1893
Emmel & Warren (1993); seems to be a misidentification, because brimo is a synonym of L. emperanus Senllen, 1872 (Libert 1996a-c); this species is not recorded for Kakamega forest.

Theclinae

Myrina sharpei Bethune-Baker, 1906

Myrina silenus rosea D’Abera, 1980

Aphnaeus orcas (Drury, 1782)

Spindasis avriko (Karsch, 1893)
1948 (NMK) as banyoana Bethune-Baker, 1926.

Spindasis crustraria (Holland, 1890)

Spindasis apuleia Hulstaert, 1924

Spindasis nyssae (Butler, 1884)

Spindasis homeyeri (Dewitz, 1865)

Lipaphnaeus aderna (Pütz, 1880)

Lipaphnaeus laxura (Rebel, 1914)

Axiocerses amanga (Westwood, 1881)
x. 1947 (NMK).

Axiocerses harpax (Fabricius, 1775)

Iolaus bolissus aurora Clench, 1964
Larsen (1991) reported a single ♀ at the NMK which was not found.

Iolaus (Epamera) sidus Trimen, 1864

Iolaus (Epamera) pollux alboacernaulea (Riley, 1929)

Iolaus (Epamera) farquharsoni (Bethune-Baker, 1923)

Iolaus (Epamera) sternogrammica (Riley, 1928)

Iolaus (Epamera) neavei (Druce, 1910)

Iolaus (Epamera) bellina exquisita (Riley, 1928)

Iolaus (Epamera) iasis albomaculatus Sharpe, 1904

Iolaus (Epamera) nasii (Riley, 1928)

Iolaus (Epamera) aurivillii Röber, 1900
Stempffer & Bennett (1958) recorded from Kakamega.

Iolaus (Epamera) hansana yalae Riley, 1928

Iolaus (Iolaphilus) jamesoni (Druce, 1891)

Iolaus (Iolaphilus) gabunica (Riley, 1928)

Iolaus (Argiolaus) iturensis (Joicey & Talbot, 1921)

Iolaus (Argiolaus) cottrelli (Stempffer & Bennett, 1958)
After Larsen (1991) a single specimen in the NMK, but it was not found.

Iolaus (Argiolaus) parasilanus Rebel, 1914

Iolaus (Etesiolaus) catori Bethune-Baker, 1904
After Larsen (1991) in coll A.B.R.I., but was not found.

Hypolycaena liara Druce, 1890

Hypolycaena antifanus (Westwood, [1851])

Hypolycaena harrica Hewitson, 1865

Deudorix (Actis) mimera bgwinei (Collins & Larsen, 1991)
type locality, i. 2002 (A.B.R.I.).

Deudorix (Virachola) antalus (Hopffer, 1855)

Deudorix (Virachola) odama Druce, 1887

Deudorix (Virachola) dinomenes Grose-Smith, 1887

Deudorix (Virachola) calinsonoga Lathy, 1903

Deudorix (Virachola) lorisona (Hewitson, 1862)

Deudorix (Piloedeudorix) diyllus Hewitson, 1878

Deudorix (Pilodeudorix) caerulea (Druce, 1890) xii. 2000 (A.B.R.I.).

Polyommatae


Anthene schoutedeni (Hulstaert, 1924) 6. x. 1930 (NMK), Emmel & Warren (1993).

Anthene liggures (Hewitson, 1874) v. 1993 (A.B.R.I.).


Anthene princeps (Butler, 1876) viii. 1990 (A.B.R.I.).

Anthene liodes (Hewitson, 1874) ix. 2001 (BIOTA).

Anthene larydas (Cramer, 1780) ix. 2001 (BIOTA).


Anthene indefinita (Bethune-Baker, 1910) ix. 2001 (BIOTA).

Anthene definita (Butler, 1899) 6. x. 1930 (NMK).


Triclema phoenicis Karsch, 1893 ii. 1937 (NMK).

Triclema hades Bethune-Baker, 1910 according to Larsen (1991) there is 1 ♀ in BMNH.


Pseudonacaduba sachela (Wallengren, 1857) x. 2002 (BIOTA).

Lampides boeticus (Linnaeus, 1767) 1970 (NMK).


Uranotherauma poggyi (Dewitz, 1879) Larsen (1991) report that the single specimen for Kenya is from Kaimosi and deposited in BMNH.

Uranotherauma delatorum Heron, 1909 Larsen 1991, Kaimosi: vi. 1955 (NMK).


Phlyaria herisia intermedia Tite, 1858 x. 2002 (BIOTA).

Phlyaria cyra (Hewitson, 1876) v. 1998 (A.B.R.I.).


Cycraeus longus (Stoll, [1782]) ix. 2001 (BIOTA).


Leptotes pitheus (Linnaeus, 1767) x. 2001 (BIOTA).

Tuxentius marginalacius (Sharpe, 1891) x. 2001 (BIOTA).

Zizeeria knysna (Trimen, 1862) 1972 (NMK).

Zizula hylax (Fabricius, 1775) 1972 (NMK), Emmel & Warren (1993).


Azanus natalensis (Trimen, 1887) ix. 2001 (BIOTA).

Azanus jesous (Guérin-Méneville, 1849) 1933 (NMK).

Eicochrysops hippokrates (Fabricius, 1793) x. 2002 (BIOTA).


Oboronia guessfeldti (Dewitz, 1879) Larsen (1991): doubtfully recorded from Kakamega, because the foodplants are not found there.

Riodinidae

Abisara neavei Riley 1932 x. 2002 (BIOTA).

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Literature


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