European Union

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ILRI
INTERNATIONAL LIVESTOCK RESEARCH INSTITUTE

Farming in Tsetse Controlled Areas

FITCA

Environmental Monitoring and Management Component
E M M C

Project Number : 7.ACP.RP.R. 578

Assessment of Biodiversity in the project areas of Western Kenya

Report on Butterflies
9-16 August 2004

by Steve C. COLLINS



Typical Angurai site of farming around the rocky granite boulders

FITCA EMMC Report Number B3

Report on Butterflies from African Butterfly Research Institute to FITCA

August 9-16 2004



By **Steve C Collins**, ABRI

Fieldwork: **Peter Walwanda, Francis Ambuso, Brian Finch**



OVERVIEW: FITCA Project

The regional project FITCA (Farming in Tsetse Controlled Areas) has a general objective to integrate tsetse control activities into the farming practices of rural communities such that the problem of trypanosomosis can be contained to the levels that are not harmful to both human and the livestock and environmentally gentle and integrated into the dynamics of rural development and are progressively handled by the farmers themselves. The project is hosted by the Inter-African Bureau for Animal Resources of the African Union (AU-IBAR) and covers areas with small scale farming in Uganda, Kenya, Tanzania and Ethiopia.

EMMC (Environmental Monitoring and Management Component) is the environmental component of FITCA. It is implemented by ILRI in collaboration with CIRAD (as member of SEMG, Scientific Environmental Monitoring Group). This regional component has been charged with the responsibility of identifying of monitoring indicators and methodologies, as well as the development of an environmental awareness among the stakeholders. It contributes to propositions of good practices and activities mitigating the impacts and rehabilitating the threatened resources likely to result directly or indirectly of tsetse control and rural development.

The FITCA EMMC project was written by Dr. Robin Reid of the International Livestock Research Institute (ILRI) a future Harvest Centre supported by CGIAR (Consultative Group for International Agricultural Research).

The present report has been prepared under the responsibility of the leading group of EMMC:

- Dr Bernard Toutain, agronomist, coordinator
- Dr Joseph Maitima, ecologist

This report and others produced by FITCA-EMMC are available in the web at the following address: www.fitca.org

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The African Butterfly Research Institute (ABRI) was established as a foundation committed to the further need of Research in African rhopalocera (Butterflies) in 1997. it is the cumulative, sometimes lifetime work of over 30 individuals incorporating over 1 million specimens of Subsaharan African Butterflies. It is a recognized world base authoritative reference collection on African Butterflies, and is a fundamental base for any systematic/biodiversity research on the continent. ABRI continually hosts a stream of scientists, and publishes many scientific journals mostly in Europe or South Africa (Lepidopterists Society of Africa) but as far afield as Australia, Japan and America. ABRI currently is publishing approximately one scientific monograph (book) on Regional, Country or group revisions per annum. In addition actively has people working in the field in Africa sending in material and studies of life histories, plant/insect relationship in over a dozen countries.

Material once received is screened twice, surplus material is distributed to institutes in America, Europe and Africa on an MOU understanding that the material is processed and worked on to enable the further study of African Lepidoptera on a worldwide basis. ABRI also hosts an Educational Centre and Flying House at its home site 256 Dagoretti Rd Karen that informs and builds awareness of the general public on the importance of invertebrates in the animal kingdom and some of the biodiversity impacts. A Butterfly Bus brings in underprivileged children f.o.c. several times a week. In addition ABRI has raised the level of awareness of several communities living on the edge of the forest at the Coast around Mt Kenya and in Kakamega in the west of Kenya. The villagers are gaining income from producing pupae from the forest as an alternative source of income and these pupae are in turn hatched and flown in the flying house at the education centre.

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OBJECTIVE

Butterflies and tsetse flies are insects sensitive to the same pesticides. One could suppose that the tsetse control directly affects the other insects. In fact, both types of insects are not attracted by the same targets: the risk for butterfly to be killed by the tsetse control procedure is very low.

Moreover, butterflies are sensitive indicators of changing environmental conditions. During the early stages, the caterpillars, and later the adult butterflies depend on host plants: the species are attached to specific plants or groups of plants. The change of vegetation resulting on the evolution of landscape and the extension of cropping areas indirectly affects the butterfly populations.

Butterflies belong to one of the best-known order of invertebrates, the Lepidopterae, due to the enthusiasm of butterfly collectors. They are colourful, often handsome, and readily identified.

The present work has for objective to establish a survey of the butterfly diversity in very precise sample areas, the data representing the present situation (T_0) of the biodiversity in these areas. These data will be available for future studies in order to monitor the evolution of biodiversity.

MATERIALS & METHODS:

The baseline survey was carried out in the two Kenyan EMMC areas:

- Katotoi (Angurai) in Teso District (10-12 August),
- Busia Township in Mayenje Sublocation (13-16 August).

The designated plots, already used for the vegetation studies, were chosen for the sampling activities. The plots were designated in each site with a GPS GARMIN GEKO 301 configured by the GIS Specialist of ILRI, Joseph Matere. The surrounding areas of the site were also sampled to get a total of species occurring in the area at the time of the survey.

Botanical data has been supplied for both sites, which permitted the experts to extrapolate to some more probable species, considering the presence of host plants and previous studies in the region. A list has been produced of the species likely to occur if a more extensive survey is carried out over a longer period. There is a 90% probability these species would occur.

Sampling was by net and baited fruit traps (fermented banana) were installed to sample certain groups that are attracted to them.

Travels from and to Nairobi were undertaken on the 9th and 16th August 2004. The period was within the rainy season and butterflies were plentiful when the sun was shining.

BUSIA

THE BUSIA PLOTS.... Overview

The influence of the large swamp to the East of Busia Township is the greatest influencing factor in Biodiversity in this area. Fortunately it has not been extensively cultivated as it might have been in other parts of the country. However, during the course of the FITCA project many of the survey sites have become more extensively cultivated due to population pressure. The plots are heavily cultivated.

There are ± 900 species of Butterflies in Kenya of which over 500 species occur in Kakamega Forest in Western Kenya. Only 76 species were recorded at Busia in the course of the survey, and the probable total number of species is around 140-150 for the general area. This is a low level of biodiversity. There is a strong influence of the swamp with several species, which are specifically recorded from this vegetation and are not recorded much elsewhere in Kenya (showing the influence of Uganda fauna ±1400 species, some just creeping into Kenya.) The plots were extremely developed and cultivated (see photo1). Species numbers were very low: Low 11 species High 21 species. This is partly due to the sampling time given in each site (2-3 hours) but even if a whole day had been sampled species numbers would not have increased more than 50%. These sites have already been greatly modified since the sites were surveyed in 2003. Whilst we do not know what plots have been targeted for Tsetse control vs others, we can clearly say that human influence (cultivation) is the greatest single impact on the plots. The local authorities should be encouraged to retain the swamp undeveloped to ensure a reasonable level of biodiversity. Without this the area will be a very sterile site.



Fig. 1 – Cultivated plot of environmental monitoring in Busia area.

PLANT/ BUTTERFLY RELATIONSHIPS

There is a strong influence of *Graminaceous* Grass Species where the majority of the *Hesperid*/Skipper Butterflies are grass feeders and both influence of *Cymbopogon, Cynodon, Imperata, Hyparrhenia* are all host plants. Three (3) species, which are living in the farmer fields, are the *Acraea acerta*, which will feed on the cultivated Sweet Potato *Ipomoea batatas* and the Swallowtail Butterflies *Papilio demodocus*, *Papilio nireus* that will feed on the *Rutacae* Citrus Oranges. *Toddlia* sp. The figtree species are usually important host plants for butterflies but there was scant evidence of association in the area surveyed.

Our thoughts are that man's influence on the environment, which is much greater than any tsetse control programme and may be as a result of a lesser *Glossina* (Tsetse) pressure, might make arable agriculture more feasible.

There are certain Pioneer species, which occur in/around cultivated land often related to the foodplants that occur as a result of land preparation. There are only 2 species of Butterflies that have been known to be of pest status economic importance on crops in Uganda (nearby). *Acraea acerata* which breeds on Sweet Potato- *Ipomoea batatus* and the second is the citrus Swallowtail butterfly *Papilio demodocus* both species occur frequently in the study areas.

The following 6 species are pioneer species and if found to occur in future studies will show the influence of man on the environment.

Species		**Food Plant**
P. demodocus	Citrus Swallowtail	*Rutacae Citrus*
P. nireus	Narrow Green Banded Swallowtail	*Rutacae Citrus*
Catopsilia florella	African Migrant	*Cassia africana*
Eurena hecabe	Common Grass Yellow	*Cassia spp.*
E. brigitta	Samll Grass yellow	*Cassia spp.*
Belenois creona	African Caper Whittle	*Maerua spp.*
Mylothris chloris	Western Dotted Border	*Loranthaceae (Mistletoes)*
Deudorix antalus	Brown Playboy	Seed/Pods many species
Lampides boeticus	Pea Blue	*Leguminosae Pods*
Leptotes pirothous	Common Zebra Blue	*Leguminosae Pods*
Danaus chrysippus	African Monarch	Milkweed *Gomphocarpus*
Ypthima asterope	Common three Ringlet	*Annual grasses (spp.)*
Junonia sophia	Little Commodore	*Asystasia*
Junonia chorimene	Golden Pansy	*Asystasia*
Acraea eponina	Orange Acraea	*Triumfetta spp.*
Acraea acerata	Falls Acraea	*Ipomoea spp.*

Following species currently occur, but may disappear with human population pressure:

Species		Foodplant
Mylothris rubricotata	Eastern Swamp Dotted Border	*Polygonum spp.*
Euchrysops albistrictus	Cupid species	Terestrial sp. Ant living
Thermoniphas togara	Cupid species	?
Ypthimamorpha itonia	Swamp Ringlet	Swamp Grass
Pseudoargynnis hegemone	False fritillary	*Dissotis* sp.
Prooepalpus styla	Sylph species	?

ANGURAI – KATOTOI

This area from a biological and biodiversity perspective was much richer than Busia. The area is the Eastern most relict of the Guinea Savannah Grassland that comes across from Guinea Conakry in West Africa across the bottom of the Sahara Desert and comes into much of northern Uganda and just touches Western Kenya, where, due to high population density, the natural vegetation is being cut for cultivation, even up and into the granite rocky areas (see cover picture).



Fig 2 – Natural vegetation in Angurai

However we find a small area of natural vegetation adjacent to Katotoi village, which would support a high level of species (Fig. 2). We recorded 122 species in the 2½ day sampling time. This is nearly double of what we found at Busia. We anticipate about 240 species would probably occur if a complete sample had been carried out. This tallies well with the plant species lists 168 species in Busia vs. 250 species in Angurai.

There is a strong influence of trees and shrubs although the river on the Uganda border has been denuded of trees by arable cultivation. The plots are also much more species rich, double of that of Busia. However the ratio of species per plot is similar in ratio to that of Busia plots showing that impact of cultivation and man is highly significant. The richest plots from a butterfly perspective are WDGR and WDBS Angurai with 45+34 species respectively and are also the richest plots from a plant perspective.

One very interesting butterfly record came up that is *Zerites nerine*, which is only the second record for Kenya and this was only once recorded 50 years ago at Broderick Falls, now Webuye, the original site has long since been cultivated.

The *Z. nerine* occurs from E. Senegal to E. Uganda (ABRI has previously recorded it in the Tororo area, Uganda) but its incursion into W. Kenya again is a very positive record.

Plant/ Butterfly Relationships

In Angurai (Katotoi), the pioneer butterfliy species that are recognized of man's interventions are the following:

Species		Food Plant
P. demodocus	Citrus Swallowtail	*Rutacae Citrus*
P. nireus	Narrow Green Banded Swallowtail	*Rutacae Citrus*
Catopsilia florella	African Migrant	*Cassia africana*
Eurena hecabe	Common Grass Yellow	*Cassia spp.*
E. brigitta	Small Grass yellow	*Cassia spp.*
Belenois creona	African Caper Whittle	*Merua spp.*
Mylothris chloris	Western Dotted Border	*Loranthaceae* (Mistletoes)
Deudorix antalus	Brown Playboy	Seed Pods many species
Lampides boeticus	Pea Blue	*Leguminosae* Pods
Leptotes pirothous	Common Zebra Blue	*Leguminosae* Pods
Danaus chrysippus	African Monarch	Milkweeds *Gomphocarpus*
Ypthima asterope	Common three Ringlet	Annual grass sp.
Junonia sophia	Little Commodore	*Asystasia*
Junonia chorimene	Golden Pansy	*Asystasia*
Acraea eponina	Orange Acraea	*Triumfetta* spp.
Acraea acerata	Falls Acraea	*Ipomoea spp.*
Papilio dardanus	Mocker Swallowtail	*Rutacae, Teclea*
Charaxes picta	Viola Charaxes	*Albizza spp.*
Eurytela dryope	Golden Piper	*Ricinus, Tragia*

Among the species, which might disappear with human cultivation and intervention:

Zerites nerine	Northern Gem	?Ant associated
Epamera iasis	Iasis Sapphire	*Loranthaceae*
Euchrysops albistriatus	Cupid species	Terrestrial ant living
Junonia coelestina	Western Commodore	*Acanthaceae*



DISCUSSION

Both Angurai & Busia are undergoing extensive land use change and clearly more land is being converted to arable agriculture. There is a great deal more biodiversity of butterfly species in Angurai than Busia; however Angurai has only a probable less than half of what might be found in Kakamega (native forest) for example.

This data will be valuable as it can be predicted that, say 10 or 20 years from now, many of the species of butterflies will have disappeared not as a result of Tsetse Control programmes per say, but it being a more suitable environment for man to inhabit and cultivate. As mentioned earlier, Busia is already at an advanced stage, and we can only hope that they plan to preserve the swamps that will be servicing many of the surrounding rural population.

Preserving the very small remnants of vegetation adjacent to Katotoi village would also be highly desirable from an environmental perspective if the village leader could be persuaded of their importance.

There is fairly strong butterfly biodiversity in Katotoi/Angurai with nearly 30% of Kenya species likely to occur as can be seen in the specific reviews of both Busia and Angurai. Certain dominant species (Pioneers) occur and are likely to increase.

It may be worth observing, in a future study, ratios of occurrence of these species, something the time duration of the present study did not allow. Species likely to be sensitive to change of land usage are also identified. The 15-20 Pioneer species listed are likely to have an increasing incidence of occurrence in the plots sampled.

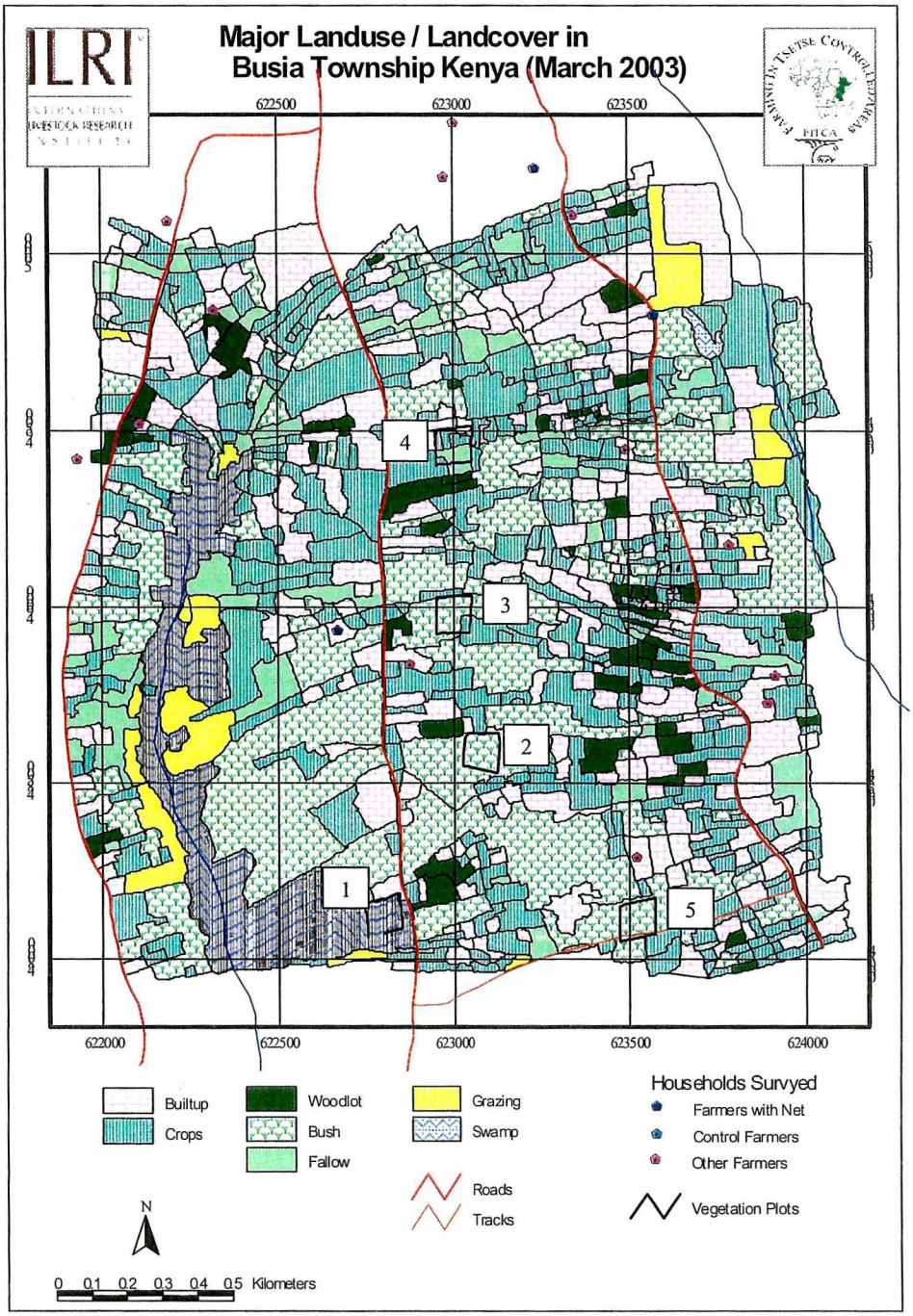
Talking to people in Busia already the sites have been extensively modified (cultivation) and this trend looks likely to continue. The swamp will play a major influence on local biodiversity so protection from development would appear of paramount importance.

We can expect to see pioneer species breeding on annual weeds in the cultivation areas, Grasses, *Cassias*, *Triumfetta* and various *Leguminosae*. In Katotoi (Angurai) the trend is to clear the undergrowth (for Tsetse Control?) in the more wooded areas and cultivate to the edge of the granite out crops. There is a strong influence of *Lantana camara* adjacent to some plots. No butterflies breed on *Lantana,* although several species use it as a nectar source. *Lantana* is an alien weed species, which provides sufficient cover to harbour Tsetse flies. The local population will have to contend with managing their *Lantana* (Stump + Burn). Butterfly wise similar pioneer species will occur. The higher species numbers shows greater biodiversity of plants and butterflies in the latter area.

Future surveys would be recommended to study in the wet season April-September. Most of the pioneer species are double or triple brooded and can be found through much of the year. Species numbers can drop of by as much as three quarters during the extreme dry season.

THE DATA IN BUSIA

Fig. 3 - MAP OF BUSIA AREA



GPS Position of Busia EMMC plots

PLOT 1	**36N**	**E0623162 / N0048268**	**note: contiguous with Plots 2 & 4 and cleared**
PLOT 2	**36N**	**E0623088 / N0049147**	**note: contiguous with Plots 1 & 4 and cleared**
PLOT 3	**36N**	**E0623082 / N0048669**	
PLOT 4	**36N**	**E0623082 / N0048268**	**note: contiguous with Plots 1 & 2 and cleared**
PLOT 5	**36N**	**E0623607 / N0047803**	
PLOT 6	**36N**	**E0622881 / N0047811**	
PLOT 7	**36N**	**E0622861 / N0047139**	
SRQP	**36N**	**E0623624 / N0047782**	

Annex 1 - BUTTERFLIES OF KENYA

Busia

No.	Species	common name	Found Busia Nambale		Probable	Plot 1	Plot 3	Plot 6	Plot 7
1	Papilio rex	REGAL SWALLOWTAIL							
2	Papilio dardanus	MOCKER SWALLOWTAIL	X		X				
3	Papilio phorcas	GREEN SWALLOWTAIL							
4	Papilio constantinus	CONSTANTINE'S SWALLOWTAIL							
5	Papilio nobilis	NOBLE SWALLOWTAIL							
6	Papilio mackinnoni	MACKINNON'S SWALLOWTAIL							
7	Papilio hornimani	HORNIMAN'S SWALLOWTAIL							
8	Papilio bromius	BROAD GREEN-BANDED SWALLOWTAIL	X		X				X
9	Papilio interjecta	VAN SOMEREN'S GR-BD SWALLOWTAIL							
10	Papilio desmondi	DESMOND'S GREEN-BD SWALLOWTAIL							
11	Papilio nireus	NARROW GREEN-BANDED SWALLOWTAIL			X				
12	Papilio lormieri	LORMIER'S SWALLOWTAIL							
13	Papilio ophidicephalus	EMPEROR SWALLOWTAIL							
14	Papilio demodocus	CITRUS SWALLOWTAIL	X		X		X		
15	Papilio echeroides	WHITE-BANDED SWALLOWTAIL							
16	Papilio zoroastres	ZOROASTER SWALLOWTAIL			X				
17	Papilio jacksoni	JACKSON'S SWALLOWTAIL							
18	Graphium angolanus	ANGOLAN WHITE LADY							
19	Graphium almansor	UGANDA WHITE LADY							
20	Graphium philonoe	EASTERN WHITE LADY							
21	Graphium leonidas	VEINED SWORDTAIL			X				
22	Graphium kirbyi	KIRBY'S SWALLOWTAIL							

23	Graphium colonna	BLACK SWORDTAIL							
24	Graphium polistratus	DANCING SWORDTAIL							
25	Graphium policenes	SMALL STRIPED SWORDTAIL							
26	Graphium antheus	LARGE STRIPED SWORDTAIL							
27	Graphium porthaon	COASTAL SWALLOWTAIL							
28	Catopsilia florella	AFRICAN EMIGRANT	X		X	X		X	
29	Colias electo	AFRICAN CLOUDED YELLOW							
30	Eurema hecabe	COMMON GRASS YELLOW	X		X				
31	Eurema senegalensis	FOREST GRASS YELLOW							
32	Eurema floricola	MALAGASY GRASS YELLOW							
33	Eurema hapale	MARSH GRASS YELLOW	X		X				X
34	Eurema desjardinsi	ANGLED GRASS YELLOW	X		X				X
35	Eurema mandarinula	MANDARIN GRASS YELLOW							
36	Eurema regularis	REGULAR GRASS YELLOW							
37	Eurema brigitta	SMALL GRASS YELLOW	X		X	X	X	X	
38	Pinacopteryx eriphis	ZEBRA WHITE							
39	Nepheronia argia	LARGE VAGRANT							
40	Nepheronia thalassina	BLUE VAGRANT							
41	Nepheronia pharis	VAGRANT SPECIES							
42	Nepheronia buqueti	PLAIN VAGRANT							
43	Eronia cleodora	VINE LEAF VAGRANT							
44	Eronia leda	AUTUMN LEAF VAGRANT							
45	Colotis amatus	SMALL SALMON ARAB							
46	Colotis phisadia	BLUE SPOTTED ARAB							
47	Colotis vestalis	WHITE ARAB							
48	Colotis chrysonome	GOLDEN ARAB							
49	Colotis aurugineus	AFRICAN GOLDEN ARAB							
50	Colotis vesta	VEINED GOLDEN ARAB							
51	Colotis protomedia	GOLDEN SPLENDOUR							
52	Colotis celimene	MAGENTA TIP							
53	Colotis halimede	YELLOW PATCH WHITE							
54	Colotis pleione	ORANGE PATCH WHITE							
55	Colotis venosus	NO PATCH WHITE							
56	Colotis ione	PURPLE TIP							

57	Colotis regina	QUEEN PURPLE TIP							
58	Colotis hetaera	COAST PURPLE TIP							
59	Colotis eunoma	THREE SPOT CRIMSON TIP							
60	Colotis elgonensis	ELGON CRIMSON TIP							
61	Colotis hildebrandti	GOLDEN TIP							
62	Colotis danae	SCARLET TIP							
63	Colotis eucharis	SULPHUR ORANGE TIP							
64	Colotis auxo	YELLOW ORANGE TIP							
65	Colotis antevippe	LARGE ORANGE TIP							
66	Colotis evenina	ORANGE TIP SPECIES							
67	Colotis euippe	ROUND-WINGED ORANGE TIP							
68	Colotis daira	BLACK-MARKED ORANGE TIP							
69	Colotis rogersi	ROGER'S ORANGE TIP							
70	Colotis evagore	TINY ORANGE TIP							
71	Colotis eris	BANDED GOLD TIP							
1a	Colotis fausta								
72	Belenois aurota	BROWN-VEINED WHITE			X				
73	Belenois creona	AFRICAN CAPER WHITE	X		X				
74	Belenois gidica	POINTED CAPER WHITE							
75	Belenois raffrayi	RAFFRAY'S WHITE							
76	Belenois margaritaceae	MARGARITA'S CAPER WHITE							
77	Belenois zochalia	FOREST CAPER WHITE							
78	Belenois crawshayi	CRAWSHAY'S CAPER WHITE							
79	Belenois victoria	VICTORIA WHITE							
80	Belenois subeida	CAPER WHITE SPECIES							
81	Belenois calypso	CALYPSO CAPER WHITE							
82	Belenois sudanensis	SUDAN CAPER WHITE							
83	Belenois rubrosignata	RED-EDGED WHITE							
84	Belenois thysa	FALSE DOTTED BORDER							
85	Belenois soliluchis	YELLOW FALSE DOTTED BORDER							
86	Pontia glauconome	DESERT WHITE							
87	Pontia helice	MEADOW WHITE							
88	Pontia distorta	SMALL MEADOW WHITE							
89	Dixeia pigea	ANTHEAP WHITE			X				

90	Dixeia orbona	SMALL WHITE SPECIES							
91	Dixeia doxo	AFRICAN SMALL WHITE							
92	Dixeia charina	SMALL WHITE SPECIES							
93	Dixeia spilleri	SPILLER'S YELLOW							
94	Appias sylvia	WOODLAND ALBATROSS			X				
	Appias phaola	DIRTY ALBATROSS							
95	Appias sabina	SABINE ALBATROSS							
96	Appias epaphia	AFRICAN ALBATROSS							
97	Appias lasti	LAST'S ALBATROSS							
98	Leptosia alcesta	AFRICAN WOOD WHITE							
99	Leptosia nupta	IMMACULATE WOOD WHITE							
00	Leptosia hybrida	HYBRID WOOD WHITE			X				
01	Leptosia wigginsi	OPAQUE WOOD WHITE							
02	Mylothris sagala	DUSKY DOTTED BORDER							
03	Mylothris jacksoni	JACKSON'S DOTTED BORDER							
04	Mylothris chloris	WESTERN DOTTED BORDER	X		X				
05	Mylothris agathina	EASTERN DOTTED BORDER							
06	Mylothris citrina	DOTTED BORDER SPECIES							
07	Mylothris ruepelli	RUPPELL'S DOTTED BORDER							
08	Mylothris continua	DOTTED BORDER SPECIES							
09	Mylothris hilara	DOTTED BORDER SPECIES							
10	Mylothris yulei	YULE'S DOTTED BORDER							
11	Mylothris kiwuensis	DOTTED BORDER SPECIES							
12	Mylothris schumanni	DOTTED BORDER SPECIES							
13	Mylothris rubricosta	EASTERN SWAMP DOTTED BORDER	X		X				
14	Alaena amazoula	YELLOW ZULU			X				
15	Alaena johanna	JOHANNA'S ZULU							
16	Alaena ngonga	NGONG ZULU							
17	Alaena picata	ZULU SPECIES							
18	Alaena species	ZULU SPECIES							
19	Pentila pauli	SPOTTED PENTILA	X						
20	Pentila tropicalis	TROPICAL PENTILA							
21	Pentila inconspicua	INCONSPICUOUS PENTILA							
22	Pentila rogersi	ROGER'S PENTILA							

23	Pentila tachyroides	MYLOTHRID PENTILA							
24	Ornipholidotos peucetia	LARGE GLASSWING							
25	Ornipholidotos overlaeti	OVERLAET'S GLASSWING							
5a	Ornipholidotos ntebi								
26	Mimacraea krausei	KRAUSE'S ACRAEA MIMIC							
27	Mimacraea marshalli	MARSHALL'S ACRAEA MIMIC							
28	Mimeresia dinora	ACRAEA MIMIC SPECIES							
8a	Mimeresia neavei								
29	Pseuderesia vidua	ACRAEA MIMIC SPECIES							
9a	Eresiomera magnimacula								
30	Teriomima subpunctata	WHITE BUFF							
31	Teriomima micra	BUFF SPECIES							
32	Teriomima parva	POOR BUFF							
33	Baliochila hildegarda	HILDEGARD'S BUFF							
34	Baliochila dubiosa	BUFF SPECIES							
35	Baliochila stygia	BUFF SPECIES							
36	Baliochila fragilis	BUFF SPECIES							
37	Baliochila lipara	BUFF SPECIES							
38	Baliochila minima	MINIMAL BUFF							
39	Baliochila latimarginata	BUFF SPECIES							
40	Baliochila amanica	AMANI BUFF							
41	Cnodontes vansomereni	VAN SOMEREN'S BUFF							
42	Eresinopsides bichroma	BUFF SPECIES							
43	Eresina fontainei	BUFF SPECIES							
3a	Eresina fusca								
44	Eresina crola	BUFF SPECIES							
45	Eresina jacksoni	BUFF SPECIES							
46	Eresina masaka	BUFF SPECIES							
	Eresina toroensis	BUFF SPECIES							
47	Eresina bilinea	BUFF SPECIES							
48	Toxochitona gerda	GERDA'S BUFF							
49	Argyrocheila inundifera	BUFF SPECIES							
50	Liptena xanthostola	BUFF SPECIES							
0a	Liptena praestans congoensis								

0b	Liptena near praestans								
	Liptena sp nov	**Kakamega**							
51	Falcuna orientalis	ORIENTAL MARBLE							
52	Tetrarhanis ilma	MARBLE SPECIES							
53	Tetrarhanis diversa	MARBLE SPECIES							
54	Larinopoda tera	MARBLE SPECIES							
55	Micropentila victoriae	VICTORIA DOTS							
	Micropentila Finchi MS	**Finches Dot**							
	Micropentila ugandae	**Uganda Dot**							
5a	Iridana unyoro								
5b	Iridana hypocala								
56	Epitola miranda	EPITOLA SPECIES							
57	Epitola viridana	EPITOLA SPECIES							
58	Epitola mpangensis	EPITOLA SPECIES							
59	Epitola kamengensis	EPITOLA SPECIES							
9a	Epitola katerae								
9b	Epitola near katerae								
60	Epitola orientalis	EPITOLA SPECIES							
	Epitola kakamegae	**Kakamega Epitola**							
	Epitola peteri	**Kakamega - Peter's Epitola**							
61	Hewitsonia crippsi	HEWITSONIA SPECIES							
1b	Hewitsonia inexpectata								
62	Deloneura ochrascens	DELONEURA SPECIES							
2a	Neaveia lamborni orientalis								
2b	Epitolina catori ugandae								
63	Aslauga pupurascens	ASLAUGA SPECIES							
64	Aslauga marshalli	ASLAUGA SPECIES							
65	Aslauga latifurca	ASLAUGA SPECIES	X		x		X		
66	Aslauga orientalis	ASLAUGA SPECIES							
67	Spalgis lemolea	AFRICAN APEFLY	X		x				X
68	Lachnocnema bibulus	WOOLLY LEGS	X		X		X		
69	Lachnocnema durbani	D'URBAN'S WOOLLY LEGS	X		X			X	
70	Lachnocnema brimo	WESTERN WOOLLY LEGS							

71	Lachnocnema divergens	WOOLLY LEGS SPECIES							
72	Myrina silenus	FIG TREE BLUE			X				
73	Myrina dermaptera	LESSER FIG TREE BLUE							
74	Myrina subornata	WEST AFRICAN FIG TREE BLUE							
75	Myrina sharpei	SHARPE'S FIG TREE BLUE							
76	Aphnaeus orcas	COMMON SILVER SPOT							
77	Aphnaeus jefferyi	JEFFERY'S SILVER SPOT							
78	Aphnaeus neavei	NEAVE'S SILVER SPOT							
79	Aphnaeus coronae	CROWN SILVER SPOT							
80	Aphnaeus jacksoni	JACKSON'S SILVER SPOT							
81	Aphnaeus flavescens	CREAMY SILVER SPOT							
82	Paraphnaeus hutchinsoni	HUTCHINSON'S SILVER SPOT							
83	Apharitis nilus	SAHARAN LEOPARD BUTTERFLY							
84	Spindasis nyassae	NYASA SILVERLINE			X				
85	Spindasis victoriae	VICTORIA SILVERLINE							
86	Spindasis mozambica	MOZAMBIQUE SILVERLINE							
87	Spindasis apelles	SILVERLINE SPECIES							
88	Spindasis homeyeri	HOMEYER'S SILVERLINE							
89	Spindasis ella	ELLA'S SILVERLINE							
90	Spindasis tavetensis	TAVETA SILVERLINE							
91	Spindasis somalina	SOMALI SILVERLINE							
92	Spindasis avriko	SILVERLINE SPECIES							
93	Lipaphnaeus loxura	HAIRSTREAK SPECIES							
94	Lipaphnaeus aderna	HAIRSTREAK SPECIES							
95	Chloroselas pseudozeritis	BRILLIANT GEM							
96	Chloroselas umbrosa	GEM SPECIES							
97	Chloroselas azurea	AZURE GEM							
98	Chloroselas esmeralda	SOMALI GEM							
99	Chloroselas minima	TINY GEM							
00	Chloroselas vansomereni	VAN SOMEREN'S GEM							
	Chloroselas trembathi	TREMBATH'S GEM							
01	Desmolycaena rogersi	ROGER'S GEM							
	Desmolycaena mazoensis	NR							
02	Zeritis neriene	GEM SPECIES							

03	Axiocerses harpax	COMMON SCARLET			X				
04	Axiocerses tjoane	EASTERN SCARLET							
05	Axiocerses styx	COAST SCARLET							
06	Axiocerses amanga	BUSH SCARLET							
07	Axiocerses punicea	PUNIC SCARLET							
7a	Axiocerses jacksoni								
08	Aloeides conradsi	CONRAD'S COPPER							
09	Iolaus bolissus	SAPPHIRE SPECIES							
10	Iolaus sidus	RED-LINE SAPPHIRE			X				
11	Iolaus aemulus	SHORT-BARRED SAPPHIRE							
12	Iolaus diametra	YELLOW-BANDED SAPPHIRE							
13	Iolaus nasisii	NASISI SAPPHIRE							
14	Iolaus arborifera	SAPPHIRE SPECIES							
15	Iolaus mimosae	MIMOSA SAPPHIRE							
16	Iolaus tajoraca	SAPPHIRE SPECIES							
17	Iolaus jacksoni	JACKSON'S SAPPHIRE							
18	Iolaus carpenteri	CARPENTER'S SAPPHIRE							
19	Iolaus umbrosa	SAPPHIRE SPECIES							
20	Iolaus alienus	BROWN-LINE SAPPHIRE							
21	Iolaus silanus	THREE-TAILED SAPPHIRE							
22	Iolaus sapphirinus	SAPPHIRE SPECIES							
23	Iolaus yalae	YALA SAPPHIRE							
24	Iolaus hemicyanus	SAPPHIRE SPECIES							
4a	Iolaus (Epamera) farquharsoni								
25	Iolaus mermis	SAPPHIRE SPECIES							
26	Iolaus iasis	SAPPHIRE SPECIES							
27	Iolaus sibella	SAPPHIRE SPECIES							
7a	Iolaus (Epamera) pollux								
7b	Iolaus (Epamera) stenogrammica								
7c	Iolaus (Epamera) scintillans								
28	Iolaus pallene	SAFFRON SAPPHIRE							
29	Iolaus parasilanus	SAPPHIRE SPECIES							
30	Iolaus catori	CATOR'S SAPPHIRE							
31	Iolaus menas	SAPPHIRE SPECIES							

32	Iolaus gabunica	GABON SAPPHIRE							
33	Iolaus iturensis	ITURI SAPPHIRE							
34	Iolaus cottrelli	COTTRELL'S SAPPHIRE							
35	Iolaus maritimus	COASTAL SAPPHIRE							
5a	Iolaus jamesoni								
37	Iolaus silarus	SAPPHIRE SPECIES							
38	Iolaus lalos	PALE SAPPHIRE							
39	Iolaus crawshayi	CRAWSHAY'S SAPPHIRE			X				
40	Iolaus poultoni	POULTON'S SAPPHIRE							
41	Iolaus bowkeri	BOWKER'S MARBLED SAPPHIRE							
42	Iolaus marmorea	MARBLED SAPPHIRE							
	Iolaus somalina	SOMALI MARBLED SAPPHIRE							
43	Hemiolaus caeculus	AZURE HAIRSTREAK							
44	Hypolycaena philippus	COMMON HAIRSTREAK							
45	Hypolycaena pachalica	EASTERN HAIRSTREAK							
46	Hypolycaena buxtoni	BUXTON'S HAIRSTREAK							
47	Hypolycaena liara	HAIRSTREAK SPECIES							
48	Hypolycaena antifaunus	HAIRSTREAK SPECIES							
49	Hypolycaena hatita	HAIRSTREAK SPECIES			X				
50	Leptomyrina hirundo	TAILED BLACK-EYE							
51	Leptomyrina gorgias	COMMON BLACK-EYE							
52	Actis perigrapha	HAIRSTREAK SPECIES							
53	Hypokopelates ugandae	HAIRSTREAK SPECIES							
	Hypokopelates species	HAIRSTREAK SPECIES							
54	Pilodeudorix caerulea	BLUE HEART PLAYBOY	X		X		X		
55	Deudorix antalus	BROWN PLAYBOY	X		X	X		X	
56	Deudorix odana	PLAYBOY SPECIES							
57	Deudorix jacksoni	JACKSON'S PLAYBOY							
58	Deudorix diocles	ORANGE-BARRED PLAYBOY							
59	Deudorix dinochares	APRICOT PLAYBOY							
60	Deudorix dinomenes	ORANGE PLAYBOY							
61	Deudorix livia	POMEGRANATE PLAYBOY							
62	Deudorix dariaves	BLACK-AND-ORANGE PLAYBOY							
63	Deudorix lorisona	COFFEE PLAYBOY			X				

64	Deudorix vansomereni	VAN SOMEREN'S PLAYBOY							
65	Deudorix ecaudata	UNTAILED PLAYBOY							
66	Deudorix suk	SUK PLAYBOY							
67	Capys hermes	PROTEA BUTTERFLY SPECIES							
68	Capys meruensis	PROTEA BUTTERFLY SPECIES							
69	Capys collinsi	COLLIN'S PROTEA BUTTERFLY							
70	Capys calpurnia	PROTEA BUTTERFLY SPECIES							
71	Capys juliae	JULIA'S PROTEA BUTTERFLY							
72	Capys cupreus	CUPREOUS PROTEA BUTTERFLY							
73	Capys rileyi	RILEY'S PROTEA BUTTERFLY							
	Capys sp. No (robertsi)	**Mt Kenya**							
74	Lycaena phlaeas	SMALL COPPER							
75	Anthene rubricinctus	CILIATE BLUE SPECIES							
76	Anthene schoutedeni	SCHOUTEDEN'S CILIATE BLUE							
77	Anthene ligures	CILIATE BLUE SPECIES							
	Anthene bjoernstadi	BJORNSTAD'S CILIATE BLUE							
78	Anthene alberta	CILIATE BLUE SPECIES							
79	Anthene definita	COMMON CILIATE BLUE			X				
80	Anthene hobleyi	HOBLEY'S CILIATE BLUE							
81	Anthene lemnos	LARGE CILIATE BLUE							
82	Anthene indefinita	CILIATE BLUE SPECIES							
83	Anthene lasti	LAST'S CILIATE BLUE							
84	Anthene wilsoni	WILSON'S CILIATE BLUE							
85	Anthene otacilia	TRIMEN'S CILIATE BLUE							
86	Anthene contrastata	TINY CILIATE BLUE							
87	Anthene pitmani	PITMAN'S CILIATE BLUE							
88	Anthene talboti	TALBOT'S CILIATE BLUE							
89	Anthene opalina	OPAL CILIATE BLUE							
89a	Anthene sp. Indet								
90	Anthene hodsoni	HODSON'S CILIATE BLUE							
91	Anthene princeps	CILIATE BLUE SPECIES							
92	Anthene liodes	CILIATE BLUE SPECIES							
93	Anthene butleri	BUTLER'S CILIATE BLUE							
94	Anthene lunulata	RED-SPOT CILIATE BLUE			X				

95	Anthene amarah	LEADEN CILIATE BLUE							
96	Anthene larydas	SPOTTED CILIATE BLUE			X				
97	Anthene kersteni	KERSTEN'S CILIATE BLUE							
98	Anthene crawshayi	CRAWSHAY'S CILIATE BLUE							
	Anthene sp	**Taru**							
	Anthene suquala	**Segera Rumuruti**							
99	Neurellipes gemmifera	CILIATE BLUE SPECIES							
00	Triclema phoenicis	CILIATE BLUE SPECIES							
01	Triclema kamilila	CILIATE BLUE SPECIES							
02	Triclema hades	CILIATE BLUE SPECIES							
03	Triclema nigeriae	CILIATE BLUE SPECIES							
04	Triclema lamias	CILIATE BLUE SPECIES							
4a	Triclema kimboza								
05	Cupidopsis iobates	TAILED MEADOW BLUE			X				
5a	Cupidesthes arescopa orientalis								
	Cupidethes ysobelae	**Rangwe**							
06	Cupidopsis cissus	MEADOW BLUE			X				
07	Pseudonacaduba sichela	AFRICAN LINE BLUE			X				
08	Pseudonacaduba aethiops	DARK LINE BLUE							
09	Lampides boeticus	PEA BLUE	X		X		X		X
10	Uranothauma cordatus	BLACK HEART SPECIES							
11	Uranothauma nubifer	BLACK HEART							
12	Uranothauma poggei	BLACK HEART SPECIES							
13	Uranothauma delatorum	BLACK HEART SPECIES							
14	Uranothauma vansomereni	BLACK HEART SPECIES							
15	Uranothauma falkensteini	BLACK HEART SPECIES							
16	Uranothauma antinorii	BLACK HEART SPECIES							
17	Uranothauma heritisia	BLACK HEART SPECIES							
18	Phylaria cyara	PHYLARIA SPECIES							
19	Cacyreus lingeus	COMMON BUSH BLUE	X		X				
20	Cacyreus virilis	EASTERN BUSH BLUE							
21	Cacyreus audeoudi	AUDEOUD'S BUSH BLUE							
22	Cacyreus palemon	WATER GERANIUM BLUE							
23	Hypendyreus aequatorialis	EQUATORIAL MOUNTAIN BLUE							

324	Hypendyreus marungensis	CENTRAL MOUNTAIN BLUE							
325	Leptotes pirithous	COMMON ZEBRA BLUE	X		X	X	X	X	X
	Leptotoes adamsoni								
326	Leptotes babaulti	BABAULT'S ZEBRA BLUE							
327	Leptotes brevidentatus	TITE'S ZEBRA BLUE							
328	Leptotes jeanneli	JEANNEL'S ZEBRA BLUE							
329	Leptotes marginalis	BLACK-BORDERED ZEBRA BLUE							
330	Leptotes adamsoni	ADAMSON'S ZEBRA BLUE							
331	Leptotes pulcher	BEAUTIFUL ZEBRA BLUE							
332	Tuxentius calice	PIED PIERROT SPECIES							
333	Tuxentius cretosus	PIED PIERROT SPECIES			X				
334	Tuxentius margaritaceus	PIED PIERROT SPECIES							
335	Tuxentius melaena	DARK PIED PIERROT							
336	Zintha hintza	BLUE PIED PIERROT							
337	Tarucus theophrastus	AFRICAN PIERROT							
338	Tarucus ungemachi	UNGEMACH'S PIERROT							
39	Tarucus legrasi	LE GRAS' PIERROT							
40	Tarucus rosaceus	MEDITERRANEAN PIERROT							
41	Tarucus kulala	TURKANA PIERROT							
42	Tarucus grammicus	BLACK PIERROT							
43	Zizeeria knysna	AFRICAN GRASS BLUE	X		X		X		X
44	Zizina antanossa	DARK GRASS BLUE	X		X				
45	Zizula hylax	TINY GRASS BLUE			X				
46	Actizera lucida	RAYED BLUE	X		X			X	
47	Actizera stellata	CLOVER BLUE							
48	Azanus ubaldus	DESERT BABUL BLUE			X				
49	Azanus jesous	AFRICAN BABUL BLUE	X		X				
50	Azanus mirza	PALE BABUL BLUE							
51	Azanus moriqua	BLACK-BORDERED BABUL BLUE							
52	Azanus natalensis	NATAL BABUL BLUE							
53	Eicochrysops hippocrates	WHITE-TIPPED BLUE	X		X				
54	Eicochrysops nandianus	CUPREOUS BLUE							
55	Eicochrysops masai	MASAI CUPID							
56	Eicochrysops rogersi	ROGER'S CUPID							

57	Euchrysops subpallida	CUPID SPECIES							
58	Euchrysops mauensis	MAU CUPID							
59	Euchrysops nandensis	CUPID SPECIES	X						
60	Euchrysops albistriatus	CUPID SPECIES	X		X				
61	Euchrysops kabrosae	CUPID SPECIES							
62	Euchrysops malathana	SMOKY BEAN CUPID	X		X	X			
63	Euchrysops nilotica	DESERT BEAN CUPID							
64	Euchrysops osiris	AFRICAN CUPID	X		X	X	X		X
65	Euchrysops barkeri	BARKER'S CUPID							
66	Euchrysops brunneus	BROWN CUPID							
67	Euchrysops crawshayi	CRAWSHAY'S CUPID							
68	Lepidochrysops kitale	KITALE GIANT CUPID							
69	Lepidochrysops desmondi	DESMOND'S GIANT CUPID	X		X				
70	Lepidochrysops parsimon	GIANT CUPID SPECIES							
71	Lepidochrysops victoriae	GIANT CUPID SPECIES	X		X		X		
72	Lepidochrysops polydialecta	GIANT CUPID SPECIES							
73	Lepidochrysops pterou	GIANT CUPID SPECIES							
74	Lepidochrysops neonegus	GIANT CUPID SPECIES							
4a	Lepidochrysops budama								
4b	Lepidochrysops jacksoni								
75	Lepidochrysops lukenia	LUKENIA GIANT CUPID							
76	Lepidochrysops elgonae	ELGON GIANT CUPID							
77	Lepidochrysops jansei	JANSE'S GIANT CUPID							
78	Lepidochrysops peculiaris	PECULIAR GIANT CUPID							
79	Thermoniphas micyclus	CUPID SPECIES							
	Thermoniphas togara	CUPID SPECIES	X		X				
	Thermoniphas bicyclus				X				
80	Oboronia guessfeldti	GUSSFELDT'S WHITE BLUE							
	Oboronia bueronica	WHITE BLUE SPECIES							
81	Chilades kedonga	KEDONG CUPID							
82	Freyeria trochylus	GRASS JEWEL							
83	Abisara neavei	NEAVE'S JUDY							
84	Libythea labdaca	AFRICAN BEAK							
85	Danaus chrysippus	AFRICAN MONARCH	x		X		x	x	

86	Tirulama petiverana	AFRICAN BLUE TIGER							
87	Tirulama formosa	BEAUTIFUL TIGER							
88	Amauris niavius	FRIAR			X				
89	Amauris ochlea	NOVICE							
90	Amauris tartarea	MONK	X		X				
91	Amauris hecate	MONK SPECIES							
92	Amauris echeria	CHIEF							
93	Amauris albimaculata	LAYMAN			X				
94	Amauris oscarus	MONK SPECIES							
95	Amauris ellioti	MONK SPECIES							
96	Gnophodes betsimena	BANDED EVENING BROWN							
97	Gnophodes chelys	EVENING BROWN SPECIES							
98	Melanitis leda	COMMON BUSH BROWN			X				
99	Melanitis libya	EVENING BROWN SPECIES							
00	Aphysoneura pigmentaria	PAINTED RINGLET							
01	Aphysoneura scapulifascia	PAINTED RINGLET SPECIES							
02	Bicyclus mesogena	BUSH BROWN SPECIES							
03	Bicyclus kenia	KENYAN BUSH BROWN							
04	Bicyclus mandanes	BUSH BROWN SPECIES							
05	Bicyclus auricrudus	BUSH BROWN SPECIES							
06	Bicyclus vulgaris	BUSH BROWN SPECIES			X				
07	Bicyclus sandace	BUSH BROWN SPECIES							
08	Bicyclus jefferyi	JEFFERY'S BUSH BROWN	X		X				X
09	Bicyclus ena	GRIZZLED BUSH BROWN							
10	Bicyclus campinus	BUSH BROWN SPECIES							
11	Bicyclus bucea	BUSH BROWN SPECIES							
12	Bicyclus istaris	BUSH BROWN SPECIES							
13	Bicyclus sophrosyne	BUSH BROWN SPECIES							
14	Bicyclus mollitia	BUSH BROWN SPECIES							
15	Bicyclus smithi	SMITH'S BUSH BROWN							
16	Bicyclus golo	BUSH BROWN SPECIES							
17	Bicyclus dentatus	DENTATE BUSH BROWN							
18	Bicyclus sausseuri	SAUSSURE'S BUSH BROWN	X		X				
19	Bicyclus anynana	SQUINTING BUSH BROWN							

20	Bicyclus safitza	COMMON BUSH BROWN	X		X				
21	Bicyclus campus	HILL BUSH BROWN							
22	Bicyclus angulosus	BUSH BROWN SPECIES							
23	Bicyclus pavonis	BUSH BROWN SPECIES							
	Bicyclus milyas	BUSH BROWN SPECIES							
24	Bicyclus funebris	BUSH BROWN SPECIES							
25	Henotesia perspicua	SWAMP PATROLLER							
26	Henotesia phaea	PATROLLER SPECIES							
27	Henotesia peitho	PATROLLER SPECIES							
28	Ypthima asterope	COMMON THREE-RING	X		X	X	X	X	X
29	Ypthima yatta	YATTA THREE-RING							
30	Ypthima rhodesiana	THREE-RING SPECIES							
31	Ypthima simplicia	THREE-RING SPECIES							
32	Ypthima condamini	THREE-RING SPECIES							
33	Ypthima antennata	THREE-RING SPECIES							
34	Ypthima jacksoni	THREE-RING SPECIES							
35	Ypthima recta	THREE-RING SPECIES							
36	Ypthima granulosa	THREE-RING SPECIES							
37	Ypthima pupillaris	THREE-RING SPECIES							
38	Ypthima impura	THREE-RING SPECIES							
39	Ypthima albida	SILVER RINGLET							
40	Ypthimomorpha itonia	SWAMP RINGLET	X		X				
41	Physcaeneura leda	RINGLET SPECIES							
42	Neita victoriae	RINGLET SPECIES							
43	Coenyropsis carcassoni	RINGLET SPECIES							
44	Neocoenyra duplex	RINGLET SPECIES							
45	Neocoenyra gregorii	RINGLET SPECIES							
46	Neocoenyra masaica	RINGLET SPECIES							
47	Charaxes varanes	PEARL CHARAXES							
48	Charaxes fulvescens	FOREST PEARL CHARAXES							
49	Charaxes acuminatus	MOUNTAIN PEARL CHARAXES							
50	Charaxes candiope	GREEN-VEINED CHARAXES			X				
51	Charaxes protoclea	FLAME-BORDERED CHARAXES							
52	Charaxes macclounii	RED COAST CHARAXES							

153	Charaxes lasti	SILVER STRIPED CHARAXES							
154	Charaxes cynthia	WESTERN RED CHARAXES							
155	Charaxes lucretius	VIOLET-WASHED CHARAXES							
156	Charaxes lactetinctus	BLUE PATCH CHARAXES							
157	Charaxes epijasius	SAHEL CHARAXES							
158	Charaxes saturnus	FOXY CHARAXES							
159	Charaxes harrisoni	HARRISON'S CHARAXES							
160	Charaxes hansalii	CREAM-BANDED CHARAXES							
161	Charaxes castor	GIANT CHARAXES			X				
162	Charaxes brutus	WHITE BARRED CHARAXES							
163	Charaxes ansorgei	ANSORGE'S CHARAXES							
164	Charaxes pollux	BLACK-BORDERED CHARAXES							
165	Charaxes druceanus	SILVER-BARRED CHARAXES							
166	Charaxes eudoxus	CHARAXES SPECIES							
167	Charaxes tiridates	CHARAXES SPECIES							
168	Charaxes bipunctatus	TWO SPOT CHARAXES							
169	Charaxes numenes	CHARAXES SPECIES							
170	Charaxes bohemani	LARGE BLUE CHARAXES							
171	Charaxes violetta	VIOLET SPOTTED CHARAXES							
172	Charaxes cithaeron	BLUE SPOTTED CHARAXES							
173	Charaxes xiphares	FOREST KING CHARAXES							
174	Charaxes nandina	HIGHLAND BLUE CHARAXES							
175	Charaxes smaragdalis	WESTERN BLUE CHARAXES							
176	Charaxes pythodoris	POWDER BLUE CHARAXES							
177	Charaxes etesipe	SAVANNAH CHARAXES			X				
178	Charaxes achaemenes	BUSH CHARAXES							
179	Charaxes jahlusa	PEARL SPOTTED CHARAXES							
180	Charaxes eupale	COMMON GREEN CHARAXES							
181	Charaxes subornatus	ORNATE GREEN CHARAXES							
182	Charaxes anticlea	SMALL FLAME-BORDERED CHARAXES							
183	Charaxes baumanni	BAUMANN'S CHARAXES			X				
184	Charaxes blanda	CHARAXES SPECIES							
185	Charaxes etheocles	DEMON CHARAXES							
186	Charaxes ethalion	SATYR CHARAXES							

87	Charaxes baileyi	BAILEY'S CHARAXES							
88	Charaxes chepalungu	CHARAXES SPECIES							
89	Charaxes cedreatis	CHARAXES SPECIES							
90	Charaxes fionae	FIONA'S CHARAXES							
91	Charaxes viola	VIOLA CHARAXES							
92	Charaxes kirki	KIRK'S CHARAXES							
93	Charaxes chanleri	CHANLER'S CHARAXES							
94	Charaxes berkeleyi	BERKELEY'S CHARAXES							
95	Charaxes aubyni	AUBYN'S CHARAXES							
96	Charaxes contrarius	CONTRARY CHARAXES							
97	Charaxes guderiana	BLUE SPANGLED CHARAXES							
98	Charaxes pleione	CHARAXES SPECIES							
99	Charaxes paphianus	CHARAXES SPECIES							
00	Charaxes zoolina	CLUB-TAILED CHARAXES							
01	Charaxes zelica	CHARAXES SPECIES							
02	Euxanthe eurinome	WESTERN FOREST QUEEN							
03	Euxanthe crossleyi	CROSSLEY'S FOREST QUEEN							
04	Euxanthe wakefieldi	FOREST QUEEN							
05	Euxanthe tiberius	FOREST QUEEN SPECIES							
06	Apaturopsis cleochares	PAINTED EMPRESS							
07	Euryphura achlys	MOTTLED GREEN							
08	Euryphura albimargo	MOTTLED GREEN SPECIES							
	Euryphura chalcis								
09	Euriphene ribensis	EURIPHENE SPECIES							
10	Euriphene saphirina	EURIPHENE SPECIES							
11	Bebearia chriemhilda	BEBEARIA SPECIES							
12	Bebearia cocalia	SPECTRE							
13	Bebearia dealbata	BEBEARIA SPECIES							
14	Bebearia sophus	BEBEARIA SPECIES							
15	Euphaedra neophron	GOLD BANDED FORESTER							
16	Euphaedra medon	COMMON FORESTER							
17	Euphaedra rex	KING FORESTER							
18	Euphaedra preussi	FORESTER SPECIES							
19	Euphaedra paradoxa	FORESTER SPECIES							

120	Euphaedra orientalis	ORANGE FORESTER							
121	Euphaedra rattfrayi	RATTRAY'S FORESTER							
122	Hamanumida daedalus	GUINEAFOWL			X				
123	Aterica galene	FOREST GLADE NYMPH							
124	Pseudargynnis hegemone	FALSE FRITILLARY	X		X				
125	Catuna crithea	CATUNA SPECIES							
126	Harma theobene	GLIDER SPECIES							
127	Cymothoe lurida	LURID GLIDER							
128	Cymothoe herminia	GLIDER SPECIES							
129	Cymothoe teita	TEITA GLIDER							
130	Cymothoe coranus	BLONDE GLIDER							
131	Cymothoe hobarti	HOBART'S RED GLIDER							
132	Euptera elabontas	GLIDER SPECIES							
133	Euptera kinugnana	GLIDER SPECIES							
13a	Euptera lufirensis								
134	Pseudathyma plutonica	GLIDER SPECIES							
135	Pseudathyma nzoia	GLIDER SPECIES							
136	Pseudathyma neptidina	GLIDER SPECIES							
137	Pseudathyma lucretioides	GLIDER SPECIES							
138	Pseudoneptis bugandensis	BLUE SAILER							
139	Pseudacraea eurytus	FALSE WANDERER							
140	Pseudacraea kuenowi	KUNOW'S FALSE ACRAEA							
141	Pseudacraea dolomena	FALSE ACRAEA SPECIES							
142	Pseudacraea deludens	FALSE ACRAEA SPECIES							
143	Pseudacraea lucretia	FALSE DIADEM							
144	Pseudacraea boisduvali	TRIMEN'S FALSE ACRAEA							
14a	Pseudacraea clarkii								
145	Neptis saclava	SMALL SPOTTED SAILER			X				
146	Neptis metella	SAILER SPECIES							
147	Neptis nemetes	SAILER SPECIES							
148	Neptis laeta	SAILER SPECIES							
149	Neptis serena	RIVER SAILER			X				
150	Neptis penningtoni	PENNINGTON'S SAILER							
151	Neptis kiriakoffi	KIRIAKOFF'S SAILER	X		X		X		

52	Neptis morosa	MOROSE SAILER	X		X				X
	Neptis jordani	JORDAN'S SAILER							
53	Neptis alta	SAILER SPECIES							
54	Neptis gratiosa	SAILER SPECIES							
55	Neptis constantiae	CONSTANCE'S SAILER							
56	Neptis katama	SAILER SPECIES							
57	Neptis rogersi	ROGER'S SAILER							
58	Neptis clarei	CLARE'S SAILER							
59	Neptis conspicua	SAILER SPECIES							
9a	Neptis puella								
	Neptis species	SAILER SPECIES							
60	Neptis poultoni	POULTON'S SAILER							
61	Neptis nina	TINY SAILER							
	Neptis nicomedes	SAILER SPECIES							
62	Neptis strigata	SAILER SPECIES							
	Neptis strigata								
63	Neptis nicobule	SAILER SPECIES							
	Neptis nicoteles	SAILER SPECIES							
64	Neptis trigonophora	SAILER SPECIES							
65	Neptis melicerta	STREAKED SAILER							
	Neptis agouale								
66	Neptis carcassoni	CARCASSON'S STREAKED SAILER							
67	Neptis goochi	SMALL STREAKED SAILER							
68	Neptis aurivillii	AURIVILLIUS'S SAILER							
69	Neptis occidentalis	SAILER SPECIES							
70	Neptis kikuyuensis	KIKUYU SAILER							
71	Neptis woodwardi	WOODWARD'S SAILER							
	Neptis seclorayersii	**Kakamega**							
72	Cyrestis camillus	AFRICAN MAP BUTTERFLY							
73	Sallya occidentalium	VELVETY TREE-NYMPH							
74	Sallya morantii	OBSCURE TREE-NYMPH							
75	Sallya boisduvali	BROWN TREE-NYMPH			X				
76	Sallya natalensis	NATAL TREE-NYMPH							
77	Sallya garega	TREE-NYMPH SPECIES			X				

78	Sallya umbrina	TREE-NYMPH SPECIES							
79	Sallya amulia	LILAC TREE-NYMPH							
80	Byblia ilithyia	JOKER			X				
81	Byblia anvatara	AFRICAN JOKER							
82	Ariadne enotrea	AFRICAN CASTOR							
83	Ariadne pagenstecheri	PAGENSTECHER'S CASTOR			X				
84	Neptidopsis ophione	SCALLOPED SAILER			X				
85	Neptidopsis fulgurata	MALAGASY SAILER							
86	Eurytela dryope	GOLDEN PIPER	X		X				X
87	Eurytela hiarbas	PIED PIPER			X				
88	Hypolimnas misippus	DANAIID EGGFLY	X		X				
89	Hypolimnas bolina	COMMON EGGFLY							
90	Hypolimnas deceptor	DECEPTIVE EGGFLY							
91	Hypolimnas anthedon	VARIABLE EGGFLY			X				
92	Hypolimnas dinarcha	EGGFLY SPECIES							
93	Hypolimnas usambara	RED SPOT DIADEM							
94	Hypolimnas monteironis	BLACK-TIPPED DIADEM							
95	Hypolimnas salmacis	BLUE DIADEM							
96	Salamis temora	BLUE MOTHER-OF-PEARL							
97	Salamis parhassus	FOREST MOTHER-OF-PEARL			X				
98	Salamis anacardii	CLOUDED MOTHER-OF-PEARL							
99	Salamis cacta	LILAC BEAUTY							
00	Junonia orithya	BLUE PANSY	X		X		X		X
01	Junonia oenone	DARK BLUE PANSY	X		X		X	X	
02	Junonia hierta	YELLOW PANSY			X				
03	Junonia westermanni	BLUE SPOT PANSY							
04	Junonia artaxia	COMMODORE							
05	Junonia sophia	LITTLE COMMODORE	X		X		X	X	X
06	Junonia stygia	BROWN PANSY			X				
07	Junonia chorimene	GOLDEN PANSY	X		X	X	X		X
08	Junonia natalica	NATAL PANSY							
09	Junonia terea	SOLDIER COMMODORE	X		X				X
10	Precis octavia	GAUDY COMMODORE	X		X	X			
11	Precis antilope	DARKER COMMODORE							

12	Precis archesia	GARDEN INSPECTOR							
13	Precis coelestina	COMMODORE SPECIES							
14	Precis limnoria	WHITE-SPOTTED COMMODORE							
15	Precis ceryne	MARSH COMMODORE	X		X				
16	Precis pelarga	FASHION COMMODORE	X		X				X
17	Precis tugela	EARED COMMODORE							
18	Precis sinuata	EARED COMMODORE SPECIES							
19	Precis rauana	EARED COMMODORE SPECIES							
20	Catacroptera cloanthe	PIRATE	X		X		X		
22	Mallika jacksoni	JACKSON'S LEAF BUTTERFLY							
23	Kamilla ansorgei	ANSORGE'S LEAF BUTTERFLY							
24	Vanessula milca	BLACK-AND-ORANGE							
25	Vanessa cardui	PAINTED LADY			X				
26	Antanartia schaeneia	LONG TAIL ADMIRAL							
27	Antanartia abyssinica	ABYSSINIAN ADMIRAL							
28	Antanartia dimorphica	DIMORPHIC ADMIRAL							
29	Antanartia delius	ORANGE ADMIRAL							
30	Lachnoptera anticlia	WESTERN BLOTCHED LEOPARD			X				
31	Lachnoptera ayresii	EASTERN BLOTCHED LEOPARD							
32	Phalanta phalantha	COMMON LEOPARD FRITILLARY			X				
33	Phalanta eurytis	AFRICAN LEOPARD FRITILLARY							
34	Issoria hanningtoni	HANNINGTON'S FRITILLARY							
35	Acraea perenna	ACRAEA SPECIES	X		X				X
36	Acraea cinerea	GREY ACRAEA							
37	Acraea baxteri	BAXTER'S ACRAEA							
38	Acraea aubyni	AUBYN'S ACRAEA							
39	Acraea conradti	ACRAEA SPECIES							
40	Acraea melanoxantha	ACRAEA SPECIES							
41	Acraea penelope	PENELOPE'S ACRAEA							
42	Acraea oreas	ACRAEA SPECIES							
43	Acraea servona	ACRAEA SPECIES			X				
44	Acraea peneleos	ACRAEA SPECIES							
45	Acraea semivitrea	ACRAEA SPECIES							
46	Acraea quirinalis	ACRAEA SPECIES	X						

48	Acraea humilis	ACRAEA SPECIES			X				
49	Acraea pharsalus	ACRAEA SPECIES			X				
50	Acraea encedon	ENCEDON ACRAEA	X		X				X
51	Acraea encedana	PIERRE'S ACRAEA			X				
52	Acraea ansorgei	ANSORGE'S ACRAEA							
53	Acraea disjuncta	ACRAEA SPECIES							
54	Acraea aurivillii	AURIVILLIUS' ACRAEA							
55	Acraea jodutta	ACRAEA SPECIES							
56	Acraea esebria	DUSKY ACRAEA							
57	Acraea lycoa	ACRAEA SPECIES							
58	Acraea johnstoni	JOHNSTON'S ACRAEA							
59	Acraea eponina	ORANGE ACRAEA	X		X	X	X	X	
60	Acraea ventura	ACRAEA SPECIES							
61	Acraea rangatana	ACRAEA SPECIES							
62	Acraea althoffi	ALTHOFF'S ACRAEA							
63	Acraea acerata	FALL'S ACRAEA	X		X				
64	Acraea uvui	TINY ACRAEA	X		X				
65	Acraea alicia	ACRAEA SPECIES							
66	Acraea viviana	ACRAEA SPECIES							
67	Acraea cabira	YELLOW BANDED ACRAEA			X				
68	Acraea sotikensis	SOTIK ACRAEA			X				
69	Acraea excelsior	ACRAEA SPECIES							
70	Acraea orestia	ACRAEA SPECIES							
71	Acraea pentapolis	ACRAEA SPECIES							
72	Acraea anacreon	ACRAEA SPECIES							
73	Acraea rahira	MARSH ACRAEA							
74	Acraea cerasa	TREE TOP ACRAEA							
75	Acraea rogersi	ROGER'S ACRAEA							
76	Acraea petraea	BLOOD ACRAEA							
77	Acraea egina	ELEGANT ACRAEA	X		X				
78	Acraea pudorina	KENYA FIERY ACRAEA							
79	Acraea acrita	FIERY ACRAEA							
80	Acraea utengulensis	TANZANIAN FIERY ACRAEA							
81	Acraea sykesi	SYKE'S ACRAEA							

82	Acraea sp	ACRAEA SPECIES							
83	Acraea braesia	ACRAEA SPECIES							
84	Acraea equatorialis	ACRAEA SPECIES							
85	Acraea oncaea	WINDOW ACRAEA							
86	Acraea pudorella	ACRAEA SPECIES							
87	Acraea natalica	NATAL ACRAEA							
88	Acraea pseudegina	ACRAEA SPECIES			X				
89	Acraea caecilia	ACRAEA SPECIES							
90	Acraea lygus	ACRAEA SPECIES							
91	Acraea asboloplintha	BLACK-WINGED ACRAEA							
92	Acraea caldarena	BLACK TIP ACRAEA	X		X	X			
93	Acraea miranda	SOMALI ACRAEA							
94	Acraea mirabilis	MARVELOUS ACRAEA							
95	Acraea zonata	ACRAEA SPECIES							
97	Acraea rabbaiae	CLEAR WING ACRAEA							
98	Acraea satis	COAST ACRAEA							
99	Acraea zetes	LARGE SPOTTED ACRAEA	X		X				X
00	Acraea chilo	CHILO ACRAEA							
01	Acraea anemosa	BROAD BORDERED ACRAEA							
02	Acraea pseudolycia	ACRAEA SPECIES							
03	Acraea leucographa	ACRAEA SPECIES							
04	Acraea boopis	ACRAEA SPECIES							
05	Acraea quirina	ACRAEA SPECIES							
06	Acraea cuva	ACRAEA SPECIES							
6a	Acraea machequena								
07	Acraea insignis	ACRAEA SPECIES							
08	Acraea neobule	NEOBULE ACRAEA							
09	Acraea matuapa	ACRAEA SPECIES							
10	Acraea poggei	POGGE'S WANDERER			X				
11	Acraea macarista	ACRAEA SPECIES							
12	Acraea macaria	ACRAEA SPECIES							
13	Acraea elgonense	ACRAEA SPECIES							
14	Acraea adrasta	ACRAEA SPECIES							
15	Acraea alcinoe	ACRAEA SPECIES							

'16	Acraea aganice	WANDERER							
'17	Acraea quadricolor	FOUR-COLOUR ACRAEA			X				
'18	Acraea epaea	ACRAEA SPECIES							
'19	Pardopsis punctatissima	POLKA DOT	X		X		X		X
'20	Coeliades chalybe	BLUE POLICEMAN							
'21	Coeliades libeon	SPOTLESS POLICEMAN							
'22	Coeliades anchises	ONE PIP POLICEMAN							
'23	Coeliades forestan	STRIPED POLICEMAN			X				
'24	Coeliades pisistratus	TWO PIP POLICEMAN							
'25	Coeliades hanno	WESTERN POLICEMAN							
'26	Coeliades sejuncta	COAST POLICEMAN							
'27	Coeliades keithloa	RED TAB POLICEMAN							
'28	Celaenorrhinus proxima	FLAT SPECIES							
'29	Celaenorrhinus macrostictus	FLAT SPECIES							
'30	Celaenorrhinus galenus	FLAT SPECIES			X				
'31	Celaenorrhinus intermixtus	FLAT SPECIES							
'32	Celaenorrhinus ovalis	FLAT SPECIES							
'33	Celaenorrhinus bettoni	FLAT SPECIES							
'34	Tagiades flesus	CLOUDED FLAT			X				
'35	Eagris sabadius	FLAT SPECIES							
'36	Eagris lucetia	FLAT SPECIES			X				
'37	Eagris nottoana	FLAT SPECIES							
'38	Eagris decastigma	FLAT SPECIES							
'39	Eretis umbra	SMALL MARBLED ELF							
'40	Eretis rotundimacula	ELF SPECIES							
'41	Eretis lugens	ELF SPECIES	X		X				
'42	Eretis melania	ELF SPECIES							
'43	Eretis mitiana	ELF SPECIES							
'44	Eretis vaga	ELF SPECIES							
'45	Sarangesa princel	ELFIN SPECIES							
'46	Sarangesa laelius	ELFIN SPECIES	X		X				
'47	Sarangesa lucidella	MARBLED ELFIN							
'48	Sarangesa phidyle	ORANGE FLAT							
'49	Sarangesa seineri	DUSTED ELFIN							

50	Sarangesa motozi	ELFIN SKIPPER							
51	Sarangesa haplopa	ELFIN SPECIES							
52	Sarangesa maculata	ELFIN SPECIES							
53	Sarangesa thecla	ELFIN SPECIES							
3a	Sarangesa aza								
54	Sarangesa bouvieri	ELFIN SPECIES							
55	Sarangesa brigida	ELFIN SPECIES							
56	Caprona pillaana	RAGGED SKIPPER							
57	Caprona adelica	WESTERN RAGGED SKIPPER							
58	Netrobalanes canopus	BUFF-TIPPED SKIPPER			X				
59	Leucochitonea hindei	KENYAN WHITE-CLOAKED SKIPPER							
60	Abantis tettensis	SPOTTED VELVET SKIPPER							
61	Abantis bismarcki	BISMARCK'S PARADISE SKIPPER							
62	Abantis paradisea	PARADISE SKIPPER							
63	Abantis meru	MERU PARADISE SKIPPER							
64	Abantis venosa	VEINED PARADISE SKIPPER							
65	Abantis contigua	PARADISE SKIPPER SPECIES							
66	Spialia kituina	KITUI GRIZZLED SKIPPER							
67	Spialia spio	SPIO GRIZZLED SKIPPER	X					X	
68	Spialia diomus	DIOMUS GRIZZLED SKIPPER							
69	Spialia doris	DESERT GRIZZLED SKIPPER							
70	Spialia colotes	TRANSVAAL GRIZZLED SKIPPER							
71	Spialia confusa	GRIZZLED SKIPPER SPECIES							
72	Spialia mafa	MAFA GRIZZLED SKIPPER							
73	Spialia wrefordi	WREFORD'S GRIZZLED SKIPPER							
74	Spialia dromus	DROMUS GRIZZLED SKIPPER			X				
75	Spialia ploetzi	FOREST GRIZZLED SKIPPER							
76	Spialia mangana	ARABIAN GRIZZLED SKIPPER							
77	Spialia delagoae	DELAGOA GRIZZLED SKIPPER							
78	Spialia zebra	ZEBRA GRIZZLED SKIPPER							
79	Spialia depauperata	DEPRIVED GRIZZLED SKIPPER							
80	Gomalia elma	AFRICAN MALLOW SKIPPER							
81	Metisella midas	GOLDEN SYLPH			X				
82	Metisella medea	SYLPH SPECIES							

83	Metisella orientalis	SYLPH SPECIES							
84	Metisella kakamega	KAKAMEGA SYLPH							
85	Metisella quadrisignatus	FOUR SPOT SYLPH							
86	Metisella trisignatus	THREE SPOT SYLPH							
87	Metisella formosus	BEAUTIFUL SYLPH							
88	Metisella willemi	NETTED SYLPH							
89	Lepella lepeletier	SYLPH SPECIES	X		X				
90	Astictopterus stellata	SPOTTED SYLPH							
91	Prosopalmus styla	SYLPH SPECIES	X		X				
92	Prosopalmus saga	SYLPH SPECIES							
93	Ampittia capenas	AFRICAN BUSH HOPPER							
3a	Ampittia parva	Taveta							
94	Kedestes mohozutza	FULVOUS RANGER							
95	Kedestes nancy	NANCY'S RANGER							
96	Kedestes wallengreni	WALLENGREN'S RANGER							
97	Kedestes brunneostriga	PALE RANGER							
98	Kedestes rogersi	ROGER'S RANGER							
99	Kedestes callicles	PALE RANGER							
00	Gorgyra sudflavidus	GORGYRA SPECIES							
01	Gorgyra aretina	GORGYRA SPECIES							
1a	Gorgyra mocquerysii								
02	Gorgyra diva	GORGYRA SPECIES							
03	Gorgyra minima	GORGYRA SPECIES							
04	Gorgyra johnstoni	GORGYRA SPECIES							
05	Gorgyra bibulus	GORGYRA SPECIES							
5a	Gorgyra diversata	Kakamega							
5b	Gorgyra kalinzu	Kakamega							
06	Ceratrichia flava	YELLOW FOREST SYLPH							
07	Ceratrichia wollastoni	WOLLASTON'S FOREST SYLPH							
08	Ceratrichia hollandi	HOLLAND'S SYLPH							
09	Ceratrichia brunnea	BROWN FOREST SYLPH							
10	Ceratrichia mabirensis	SYLPH SPECIES							
11	Pardaleodes incerta	SYLPH SPECIES	X		X				
12	Pardaleodes sator	SYLPH SPECIES							

13	Pardaleodes tibullus	SYLPH SPECIES							
14	Pardaleodes bule	SYLPH SPECIES							
15	Ankola fan	SYLPH SPECIES							
16	Xanthodisca vibius	SYLPH SPECIES			X				
17	Teniorhinus herilus	SYLPH SPECIES							
7a	Teniorhinus harona								
18	Acada biseriatus	AXEHEAD SKIPPER							
19	Parosmodes morantii	MORANT'S SKIPPER							
20	Osmodes laronia	OSMODES SPECIES							
21	Osmodes thora	OSMODES SPECIES							
22	Paracleros biguttulus	PARACLEROS SPECIES							
23	Acleros ploetzi	PLOETZ'S SKIPPER							
24	Acleros mackenii	MACKEN'S SKIPPER	X		X				
25	Semalea pulvina	SILKY SKIPPER	X		X				
26	Semalea sextilis	SILKY SKIPPER SPECIES							
27	Semalea arela	SILKY SKIPPER SPECIES							
28	Hypoleucis tripunctata	HYPOLEUCIS SPECIES							
29	Andronymus neander	COMMON DART							
30	Andronymus caesar	WHITE DART			X				
31	Chondrolepis niveicornis	SNOW HORNED SKIPPER	X		X				
32	Chondrolepis telisignata	SNOW HORNED SKIPPER SPECIES							
33	Chondrolepis leggei	LEGGE'S SNOW HORNED SKIPPER							
34	Zophopetes dysmephila	PALM TREE NIGHTFIGHTER			X				
35	Zophopetes nobilior	NOBLE NIGHTFIGHTER							
36	Gamia buchholzi	NIGHTFIGHTER SPECIES							
37	Gamia shelleyi	NIGHTFIGHTER SPECIES							
38	Artitropa reducta	NIGHTFIGHTER SPECIES							
39	Artitropa milleri	MILLER'S NIGHTFIGHTER							
40	Artitropa erinnys	BUSH NIGHTFIGHTER							
41	Gretna carmen	NIGHTFIGHTER SPECIES							
42	Caenides halma	NIGHTFIGHTER SPECIES							
43	Caenides luehderi	NIGHTFIGHTER SPECIES							
44	Caenides lissa	NIGHTFIGHTER SPECIES			X				
45	Monza alberti	MONZA SPECIES							

46	Monza cretacea	MONZA SPECIES							
47	Monza punctata	MONZA SPECIES							
48	Fresna netopha	YELLOW ACRAEA SKIPPER							
49	Fresna nyassae	VARIEGATED ACRAEA SKIPPER							
50	Fresna cojo	MONK LARGE ACRAEA SKIPPER							
51	Platyleches moritili	COMMON HOPPER							
52	Platyleches tina	SMALL HOPPER							
53	Zenonia zeno	ORANGE SPOTTED SKIPPER							
54	Pelopidas mathias	LESSER MILLET SKIPPER							
55	Pelopidas thrax	MILLET SKIPPER							
56	Borbo fatuellus	LONG-HORNED SWIFT			X				
57	Borbo kaka	KAKAMEGA SWIFT							
58	Borbo lugens	LESSER HORNED SWIFT	X		X				
59	Borbo fallax	FALSE SWIFT							
9a	Borbo fanta								
60	Borbo sirena	SWIFT SPECIES							
61	Borbo perobscura	SWIFT SPECIES							
62	Borbo detecta	SWIFT SPECIES							
63	Borbo micans	MARSH SWIFT	X		X				
64	Borbo ferruginea	FERRUGINOUS SWIFT							
65	Borbo borbonica	OLIVE HAIRED SWIFT	X		X				
66	Borbo gemella	TWIN SWIFT							
67	Borbo holtzii	VARIABLE SWIFT	X						
68	Parnara naso	WATER WATCHMAN							
69	Gegenes pumilio	DARK HOTTENTOT							
70	Gegenes hottentota	HOTTENTOT SKIPPER							
71	Gegenes niso	PLAIN HOTTENTOT			X				
72	Virachola calinsoga	**Kakamega**							
73	Taraucus sybaris	**Masai Mara**							
74	Stugeta somalina	**Kulal**							
75	Spindasis apuelia	**Kakamega**							
76	Spindasis crustaria	**Kakamega**							
77	Pratylesches picanini	**Uriri/Kisii**							
78	Ornipholidotos jacksoni	**Kakamega**							

79	Ornipholidotos katangae	Kakamega							
80	Orboronia punctatus	BF Alupe Riv/Adungosi							
81	Epamera aelianus ssp nov	Kulal							
82	Epamera bellina	Kakamega							
83	Epamera neavei katerae	Kakamega							
	Totals		76		144	11	21	12	21

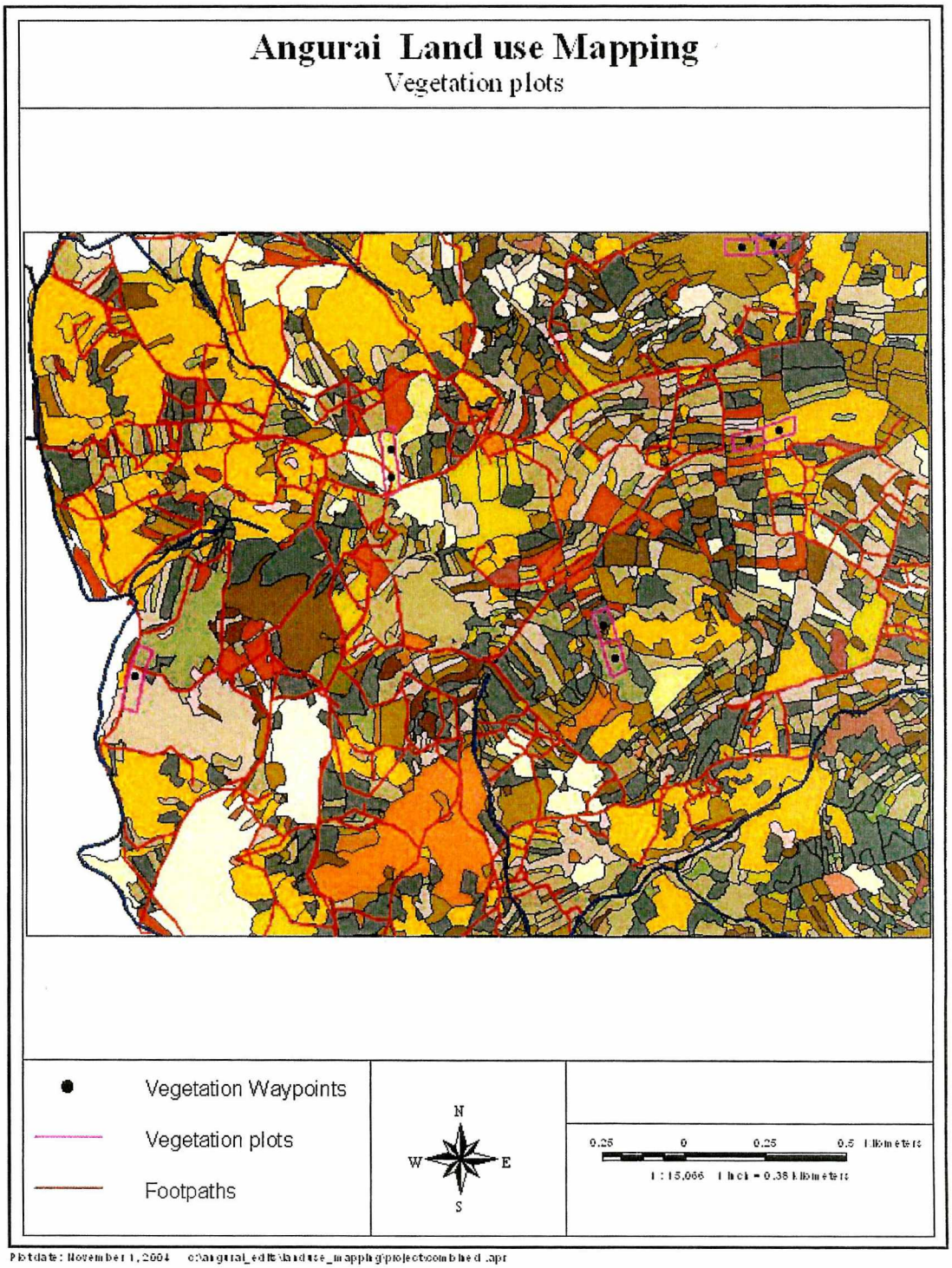
LIST OF PLANTS IN BUSIA

Abrus
Abutilon mauritianum
Acacia hockii
Acacia polyacantha
Acacia sp.
Acalypha volkensii
Acanthaceae
Acrocarpus flaxinifolius
Ageratum conyzoides
Albizia coriaria
Albizia grandibracteata
Allophylus rubifolius
Alysicarpus rugosus
Antiaris toxicaria
Artocarpus heterophyllus
Aspilia pluriseta
Bidens pilosa
Blumea elatior
Brachiaria arrecta
Bridelia micrantha
Bridelia sp.
Callistemon citrinus
Canavalia ensiformis
Carica papaya
Ceiba pentandra
Centella asiatica
Chamaecrista mimosoides
Chloris pychnothrix
Cissampelos mucronata
Citrus (Orange)
Clerodendrum myricoides
Combretum sp.
Combretum zeyheri
Commelina benghulensis
Conyza floribunda
Conyza sumatrensis
Corchorus trilocularis
Crassula schimperi
Crolalaria deserticola
Croton macrostachyus
Cupressus sp.
Cyanotis lanata
Cyanotis lanata-1
Cymbopogon
Cynodon datylon
Cyperus
Cyperus 2
Cyphostema cyphopetalum
Desdemodium 2
Desmodium
Desmodium triflorum
Digitaria abyssinica
Digitaria ternata
Ehretia cymosa
Elensine indica
Emilia discifolia
Englerina woodfordioides
Eragrostis humidicola
Eragrostis termifolia
Erythrina abbysinica
Erythrococca bongensii
Erythrococca bongensis
Euphorbia crotonoides
Euphorbia hirta
Euphorbia tirucalli
Felicia grantii
Ficus asperifolia
Ficus ingens
Ficus sp.
Ficus sycomorus
Ficus thonningii
Ficus vallis-choudae
Ficus(sand paper)
Fimbristylis hispidula
Grevillea robusta
Grewia mollis
Grewia trichocarpa
Guizotia scabra
Gutembergia cordifolia
Harungana madagascariensi
Hibiscus macranthus
Hibiscus vitifolius
Hoslundia opposita
Hygrophila auriculata
Hyparrhenia hirta
Hypoestes forskahlii
Imperata cylindrica
Indigofera
Indigofera spicata
Ipomoea batatas
Ipomoea hederifolia
Jacaranda mimosifolia
Justicia exigua
Justicia flava
Kohautia coccinea
Kylinga nervosa
Labiatae
Labiatae plot 14
Lactuca inermis
Lantana camara
Lantana trifolia
Leersia hexandra
Leonotis nepetifolia
Leucaena leucacephala
Loudetia kagerensis
Mangifera indica
Manihot esculenta
Mariscus macer
Markhamia lutea
Maytenus senegalensis
Melhania velutina
Melia volkensii
Melinis
Milicia excelsa
Mimosa pigra
Musa sp.
Ozoloa like
Ozoroa
Panicum astrosanguineum
Panicum maximum
Papilionaceas plot 7
Paspalum scrobiculatum
Pennisetum(napier grass)
Phoenix reclinata
Phyllanthus niruri
Phyllanthus odontadenius

Phyllanthus ovalifolius
Phyllanthus sepialis
Phyllanthus sepielis
Phytolacca dodecandra
PlantBotName
Plectranthus comosus
Pseudarthria hookeri
Pseudospondias microcarpa
Psidium guajava
Rhus natalensis
Rhus vulgaris
Rhyncharitrum repens
Rhynchelytrum repens
Rhynchosia minima
Rhyncosia
Ricinus communis
Ruelia patula
Rytigynia neglecta
Sapium ellipticum
Senna bicapsularis
Senna occidentalis
Senna siamea
Setaria megaphylla
Sida acuta
Sida ovata
Solanum incanum
Sorghum arundinaceum
Spathodea campanulata
Spermacoce sphaerostigma
Sporobolus pyramidalis
Stereospermum kunthianum
Synedrella nodiflora
Syzygium guineense
Tephrosia interrupta
Tephrosia pumila
Terminalia mantaly
Thevetia peruviana
Thumbergia alata
Tithonia diversifolia
Toddalia asiatica
Trema orientalis
Tridax procumbens
Triumfetta rhomboidea
Urena lobata
Vernonia adoensis
Vernonia amygdalina
Vernonia auriculifera
Vigna
Vitex doniana
Vitex sp.
Waltheria indica

THE DATA IN ANGURAI

FIG. 4 – Map of Angurai/Katotoi area



GPS LOCATIONS FOR SUBJECT PLOTS

Angurai

CULT		36N E0647709 / N0080225
FA		36N E0623538 / N0050248
FLGZ		36N E0647727 / N0079662
MZ		36N E0647189 / N0079064
MZCA	36N	E0647633 / N0079631
WDBS	36N	E0647224 / N0078962
WDBS1	36N	E0647615 / N0080215
WDGR	36N	E0645755 / N0078905

Description of plots

PLOT: WDGR Angurai

Broad-leaved scrub barely four metres high, no trees except a few along boundaries.
No shrubby understorey, just rank grass, overall dry biome. Well drained and situated on a steep slope of constant incline. Vegetation appears limited to a few dominant species, with legumes poorly represented.

Obviously secondary growth, or all trees over four metres already harvested.
Natural vegetation forms very small area in extensive cultivation, with thicker growth along nearby creeks and small valleys.

PLOT: FLGZ Angurai

Flat open area of short grassland, no tree cover, lantana thickets on periphery. Partly turned over to sweet potato cultivation. Located in area of extensive cultivation.

PLOT: MZCA Angurai

A small, flat area of cassava, and recently harvested maize. No natural bush or tree cover. Located in area of extensive cultivation.

PLOT: WDBS Angurai

Small area of natural, though changed forest growth located amongst boulder area difficult to farm. Unlike WDGR, legumes well represented with many Albizzias. Undergrowth dense and rank, retaining humidity, and much gentler gradient with flat areas and a stream. More open side of boulder hill, heavily cultivated. Location heavily cultivated, however grassy slopes and dense thickets down hill from plot, and a naturally vegetated hill adjacent. The region visited with the most natural cover.

PLOT: WDBS1 Angurai

A tiny plot of natural secondary dry scrub on a steep slope, in heavily cultivated area on boulder strewn hill. Rank growth along bordering stream, but only a ribbon of natural vegetation, although a few trees present.

PLOT: CULTSE Angurai

Cultivated plot adjacent to WDBS1. Open area with no natural cover, but with neighbouring lantana thickets.

ınnex 2 - BUTTERFLIES OF KENYA

Angurai

No.	Species	common name	Angurai Actual	Probable	CULT	WDBSI	WDGR	WGBS	FLGZ
1	Papilio rex	REGAL SWALLOWTAIL		X					
2	Papilio dardanus	MOCKER SWALLOWTAIL	X	X				X	X
3	Papilio phorcas	GREEN SWALLOWTAIL	X	X					
4	Papilio constantinus	CONSTANTINE'S SWALLOWTAIL							
5	Papilio nobilis	NOBLE SWALLOWTAIL							
6	Papilio mackinnoni	MACKINNON'S SWALLOWTAIL							
7	Papilio hornimani	HORNIMAN'S SWALLOWTAIL							
8	Papilio bromius	BROAD GREEN-BANDED SWALLOWTAIL	X	X				X	
9	Papilio interjecta	VAN SOMEREN'S GR-BD SWALLOWTAIL							
10	Papilio desmondi	DESMOND'S GREEN-BD SWALLOWTAIL							
11	Papilio nireus	NARROW GREEN-BANDED SWALLOWTAIL	X	X		X	X	X	
12	Papilio lormieri	LORMIER'S SWALLOWTAIL							
13	Papilio ophidicephalus	EMPEROR SWALLOWTAIL							
14	Papilio demodocus	CITRUS SWALLOWTAIL	X	X		X	X		X
15	Papilio echeroides	WHITE-BANDED SWALLOWTAIL							
16	Papilio zoroastres	ZOROASTER SWALLOWTAIL	X	X			X		
17	Papilio jacksoni	JACKSON'S SWALLOWTAIL							
18	Graphium angolanus	ANGOLAN WHITE LADY	X	X					X
19	Graphium almansor	UGANDA WHITE LADY							
20	Graphium philonoe	EASTERN WHITE LADY							
21	Graphium leonidas	VEINED SWORDTAIL	X	X			X		
22	Graphium kirbyi	KIRBY'S SWALLOWTAIL							
23	Graphium colonna	BLACK SWORDTAIL							
24	Graphium polistratus	DANCING SWORDTAIL							
25	Graphium policenes	SMALL STRIPED SWORDTAIL		X					

26	Graphium antheus	LARGE STRIPED SWORDTAIL							
27	Graphium porthaon	COASTAL SWALLOWTAIL							
28	Catopsilia florella	AFRICAN EMIGRANT	X	X	X		X	X	X
29	Colias electo	AFRICAN CLOUDED YELLOW							
30	Eurema hecabe	COMMON GRASS YELLOW	X	X					X
31	Eurema senegalensis	FOREST GRASS YELLOW		X					
32	Eurema floricola	MALAGASY GRASS YELLOW							
33	Eurema hapale	MARSH GRASS YELLOW							
34	Eurema desjardinsi	ANGLED GRASS YELLOW	X	X	X	X	X	X	X
35	Eurema mandarinula	MANDARIN GRASS YELLOW							
36	Eurema regularis	REGULAR GRASS YELLOW							
37	Eurema brigitta	SMALL GRASS YELLOW	X	X	X			X	
38	Pinacopteryx eriphis	ZEBRA WHITE							
39	Nepheronia argia	LARGE VAGRANT							
40	Nepheronia thalassina	BLUE VAGRANT		X					
41	Nepheronia pharis	VAGRANT SPECIES							
42	Nepheronia buqueti	PLAIN VAGRANT							
43	Eronia cleodora	VINE LEAF VAGRANT							
44	Eronia leda	AUTUMN LEAF VAGRANT							
45	Colotis amatus	SMALL SALMON ARAB							
46	Colotis phisadia	BLUE SPOTTED ARAB							
47	Colotis vestalis	WHITE ARAB							
48	Colotis chrysonome	GOLDEN ARAB							
49	Colotis aurugineus	AFRICAN GOLDEN ARAB							
50	Colotis vesta	VEINED GOLDEN ARAB							
51	Colotis protomedia	GOLDEN SPLENDOUR							
52	Colotis celimene	MAGENTA TIP							
53	Colotis halimede	YELLOW PATCH WHITE							
54	Colotis pleione	ORANGE PATCH WHITE							
55	Colotis venosus	NO PATCH WHITE							
56	Colotis ione	PURPLE TIP							
57	Colotis regina	QUEEN PURPLE TIP							
58	Colotis hetaera	COAST PURPLE TIP							
59	Colotis eunoma	THREE SPOT CRIMSON TIP							

60	Colotis elgonensis	ELGON CRIMSON TIP							
61	Colotis hildebrandti	GOLDEN TIP							
62	Colotis danae	SCARLET TIP							
63	Colotis eucharis	SULPHUR ORANGE TIP							
64	Colotis auxo	YELLOW ORANGE TIP							
65	Colotis antevippe	LARGE ORANGE TIP		X					
66	Colotis evenina	ORANGE TIP SPECIES							
67	Colotis euippe	ROUND-WINGED ORANGE TIP							
68	Colotis daira	BLACK-MARKED ORANGE TIP							
69	Colotis rogersi	ROGER'S ORANGE TIP							
70	Colotis evagore	TINY ORANGE TIP							
71	Colotis eris	BANDED GOLD TIP							
72	Belenois aurota	BROWN-VEINED WHITE	X	X				X	
73	Belenois creona	AFRICAN CAPER WHITE		X					
74	Belenois gidica	POINTED CAPER WHITE		X					
75	Belenois raffrayi	RAFFRAY'S WHITE							
76	Belenois margaritaceae	MARGARITA'S CAPER WHITE							
77	Belenois zochalia	FOREST CAPER WHITE							
78	Belenois crawshayi	CRAWSHAY'S CAPER WHITE							
79	Belenois victoria	VICTORIA WHITE	X	X				X	
80	Belenois subeida	CAPER WHITE SPECIES							
81	Belenois calypso	CALYPSO CAPER WHITE		X					
82	Belenois sudanensis	SUDAN CAPER WHITE							
83	Belenois rubrosignata	RED-EDGED WHITE							
84	Belenois thysa	FALSE DOTTED BORDER		X					
85	Belenois soliluchis	YELLOW FALSE DOTTED BORDER							
86	Pontia glauconome	DESERT WHITE							
87	Pontia helice	MEADOW WHITE							
88	Pontia distorta	SMALL MEADOW WHITE							
89	Dixeia pigea	ANTHEAP WHITE		X					
90	Dixeia orbona	SMALL WHITE SPECIES							
91	Dixeia doxo	AFRICAN SMALL WHITE							
92	Dixeia charina	SMALL WHITE SPECIES							
93	Dixeia spilleri	SPILLER'S YELLOW							

94	Appias sylvia	WOODLAND ALBATROSS		X					
	Appias phaola	DIRTY ALBATROSS							
95	Appias sabina	SABINE ALBATROSS		X					
96	Appias epaphia	AFRICAN ALBATROSS		X					
97	Appias lasti	LAST'S ALBATROSS							
98	Leptosia alcesta	AFRICAN WOOD WHITE							
99	Leptosia nupta	IMMACULATE WOOD WHITE							
100	Leptosia hybrida	HYBRID WOOD WHITE		X					
101	Leptosia wigginsi	OPAQUE WOOD WHITE							
102	Mylothris sagala	DUSKY DOTTED BORDER							
103	Mylothris jacksoni	JACKSON'S DOTTED BORDER		X					
104	Mylothris chloris	WESTERN DOTTED BORDER	X	X			X	X	X
105	Mylothris agathina	EASTERN DOTTED BORDER							
106	Mylothris citrina	DOTTED BORDER SPECIES							
107	Mylothris ruepelli	RUPPELL'S DOTTED BORDER							
108	Mylothris continua	DOTTED BORDER SPECIES	X	X	X				
109	Mylothris hilara	DOTTED BORDER SPECIES							
110	Mylothris yulei	YULE'S DOTTED BORDER		X					
111	Mylothris kiwuensis	DOTTED BORDER SPECIES							
112	Mylothris schumanni	DOTTED BORDER SPECIES							
113	Mylothris rubricosta	EASTERN SWAMP DOTTED BORDER							
114	Alaena amazoula	YELLOW ZULU							
115	Alaena johanna	JOHANNA'S ZULU							
116	Alaena ngonga	NGONG ZULU							
117	Alaena picata	ZULU SPECIES							
118	Alaena species	ZULU SPECIES							
119	Pentila pauli	SPOTTED PENTILA	X	X	X		X	X	
120	Pentila tropicalis	TROPICAL PENTILA							
121	Pentila inconspicua	INCONSPICUOUS PENTILA							
122	Pentila rogersi	ROGER'S PENTILA							
123	Pentila tachyroides	MYLOTHRID PENTILA							
124	Ornipholidotos peucetia	LARGE GLASSWING							
125	Ornipholidotos overlaeti	OVERLAET'S GLASSWING							
125a	Ornipholidotos ntebi			X					

126	Mimacraea krausei	KRAUSE'S ACRAEA MIMIC							
127	Mimacraea marshalli	MARSHALL'S ACRAEA MIMIC		X					
128	Mimeresia dinora	ACRAEA MIMIC SPECIES							
128a	Mimeresia neavei								
129	Pseuderesia vidua	ACRAEA MIMIC SPECIES							
129a	Eresiomera magnimacula								
130	Teriomima subpunctata	WHITE BUFF							
131	Teriomima micra	BUFF SPECIES							
132	Teriomima parva	POOR BUFF							
133	Baliochila hildegarda	HILDEGARD'S BUFF							
134	Baliochila dubiosa	BUFF SPECIES							
135	Baliochila stygia	BUFF SPECIES							
136	Baliochila fragilis	BUFF SPECIES							
137	Baliochila lipara	BUFF SPECIES							
138	Baliochila minima	MINIMAL BUFF							
139	Baliochila latimarginata	BUFF SPECIES							
140	Baliochila amanica	AMANI BUFF							
141	Cnodontes vansomereni	VAN SOMEREN'S BUFF							
142	Eresinopsides bichroma	BUFF SPECIES							
143	Eresina fontainei	BUFF SPECIES							
143a	Eresina fusca								
144	Eresina crola	BUFF SPECIES							
145	Eresina jacksoni	BUFF SPECIES							
146	Eresina masaka	BUFF SPECIES		X					
	Eresina toroensis	BUFF SPECIES							
147	Eresina bilinea	BUFF SPECIES							
148	Toxochitona gerda	GERDA'S BUFF							
149	Argyrocheila inundifera	BUFF SPECIES							
150	Liptena xanthostola	BUFF SPECIES							
150a	Liptena praestans congoensis								
150b	Liptena near praestans								
	Liptena sp nov	**Kakamega**							
151	Falcuna orientalis	ORIENTAL MARBLE							
152	Tetrarhanis ilma	MARBLE SPECIES							

153	Tetrarhanis diversa	MARBLE SPECIES							
154	Larinopoda tera	MARBLE SPECIES							
155	Micropentila victoriae	VICTORIA DOTS							
	Micropentila finchi MS	**Mara**							
	Micropentila ugandae	**Kakamega**							
155a	Iridana unyoro								
155b	Iridana hypocala								
156	Epitola miranda	EPITOLA SPECIES							
157	Epitola viridana	EPITOLA SPECIES							
158	Epitola mpangensis	EPITOLA SPECIES							
159	Epitola kamengensis	EPITOLA SPECIES							
159a	Epitola katerae								
159b	Epitola near katerae								
160	Epitola orientalis	EPITOLA SPECIES							
	Epitola kakamegae	**Kakamega**							
	Epitola peteri	**Kakamega**							
161	Hewitsonia crippsi	HEWITSONIA SPECIES							
162	Deloneura ochrascens	DELONEURA SPECIES							
162a	Neaveia lamborni orientalis								
162b	Epitolina catori ugandae								
163	Aslauga pupurascens	ASLAUGA SPECIES							
164	Aslauga marshalli	ASLAUGA SPECIES							
165	Aslauga latifurca	ASLAUGA SPECIES							
166	Aslauga orientalis	ASLAUGA SPECIES		X					
167	Spalgis lemolea	AFRICAN APEFLY	X	X					
168	Lachnocnema bibulus	WOOLLY LEGS		X					
169	Lachnocnema durbani	D'URBAN'S WOOLLY LEGS	X	X					
170	Lachnocnema brimo	WESTERN WOOLLY LEGS							
171	Lachnocnema divergens	WOOLLY LEGS SPECIES							
172	Myrina silenus	FIG TREE BLUE	X	X		X			
173	Myrina dermaptera	LESSER FIG TREE BLUE							
174	Myrina subornata	WEST AFRICAN FIG TREE BLUE		X					
175	Myrina sharpei	SHARPE'S FIG TREE BLUE							
176	Aphnaeus orcas	COMMON SILVER SPOT							

177	Aphnaeus jefferyi	JEFFERY'S SILVER SPOT							
178	Aphnaeus neavei	NEAVE'S SILVER SPOT							
179	Aphnaeus coronae	CROWN SILVER SPOT							
180	Aphnaeus jacksoni	JACKSON'S SILVER SPOT							
181	Aphnaeus flavescens	CREAMY SILVER SPOT							
182	Paraphnaeus hutchinsoni	HUTCHINSON'S SILVER SPOT							
183	Apharitis nilus	SAHARAN LEOPARD BUTTERFLY							
184	Spindasis nyassae	NYASA SILVERLINE	X	X					
185	Spindasis victoriae	VICTORIA SILVERLINE							
186	Spindasis mozambica	MOZAMBIQUE SILVERLINE							
187	Spindasis apelles	SILVERLINE SPECIES							
188	Spindasis homeyeri	HOMEYER'S SILVERLINE							
189	Spindasis ella	ELLA'S SILVERLINE							
190	Spindasis tavetensis	TAVETA SILVERLINE							
191	Spindasis somalina	SOMALI SILVERLINE							
192	Spindasis avriko	SILVERLINE SPECIES							
193	Lipaphnaeus loxura	HAIRSTREAK SPECIES							
194	Lipaphnaeus aderna	HAIRSTREAK SPECIES							
195	Chloroselas pseudozeritis	BRILLIANT GEM							
196	Chloroselas umbrosa	GEM SPECIES							
197	Chloroselas azurea	AZURE GEM							
198	Chloroselas esmeralda	SOMALI GEM							
199	Chloroselas minima	TINY GEM							
200	Chloroselas vansomereni	VAN SOMEREN'S GEM							
	Chloroselas trembathi	TREMBATH'S GEM							
201	Desmolycaena rogersi	ROGER'S GEM							
	Desmolycaena mazoensis	NR							
202	Zeritis neriene	GEM SPECIES	X	X					
203	Axiocerses harpax	COMMON SCARLET							
204	Axiocerses tjoane	EASTERN SCARLET		X					
205	Axiocerses styx	COAST SCARLET							
206	Axiocerses amanga	BUSH SCARLET		X					
207	Axiocerses punicea	PUNIC SCARLET							
207a	Axiocerses jacksoni								

208	Aloeides conradsi	CONRAD'S COPPER							
209	Iolaus bolissus	SAPPHIRE SPECIES							
210	Iolaus sidus	RED-LINE SAPPHIRE	X	X					
211	Iolaus aemulus	SHORT-BARRED SAPPHIRE							
212	Iolaus diametra	YELLOW-BANDED SAPPHIRE							
213	Iolaus nasisii	NASISI SAPPHIRE		X					
214	Iolaus arborifera	SAPPHIRE SPECIES							
215	Iolaus mimosae	MIMOSA SAPPHIRE							
216	Iolaus tajoraca	SAPPHIRE SPECIES							
217	Iolaus jacksoni	JACKSON'S SAPPHIRE							
218	Iolaus carpenteri	CARPENTER'S SAPPHIRE							
219	Iolaus umbrosa	SAPPHIRE SPECIES							
220	Iolaus alienus	BROWN-LINE SAPPHIRE							
221	Iolaus silanus	THREE-TAILED SAPPHIRE							
222	Iolaus sapphirinus	SAPPHIRE SPECIES							
223	Iolaus yalae	YALA SAPPHIRE							
224	Iolaus hemicyanus	SAPPHIRE SPECIES							
224a	Iolaus (Epamera) farquharsoni								
225	Iolaus mermis	SAPPHIRE SPECIES							
226	Iolaus iasis	SAPPHIRE SPECIES	X	X					
227	Iolaus sibella	SAPPHIRE SPECIES							
227a	Iolaus (Epamera) pollux								
227b	Iolaus (Epamera) stenogrammica								
227c	Iolaus (Epamera) scintillans								
228	Iolaus pallene	SAFFRON SAPPHIRE							
229	Iolaus parasilanus	SAPPHIRE SPECIES							
230	Iolaus catori	CATOR'S SAPPHIRE							
231	Iolaus menas	SAPPHIRE SPECIES							
232	Iolaus gabunica	GABON SAPPHIRE							
233	Iolaus iturensis	ITURI SAPPHIRE							
234	Iolaus cottrelli	COTTRELL'S SAPPHIRE							
235	Iolaus maritimus	COASTAL SAPPHIRE							
235a	Iolaus jamesoni								
237	Iolaus silarus	SAPPHIRE SPECIES							

238	Iolaus lalos	PALE SAPPHIRE							
239	Iolaus crawshayi	CRAWSHAY'S SAPPHIRE		X					
240	Iolaus poultoni	POULTON'S SAPPHIRE							
241	Iolaus bowkeri	BOWKER'S MARBLED SAPPHIRE							
242	Iolaus marmorea	MARBLED SAPPHIRE		X					
	Iolaus somalina	SOMALI MARBLED SAPPHIRE							
243	Hemiolaus caeculus	AZURE HAIRSTREAK							
244	Hypolycaena philippus	COMMON HAIRSTREAK	X	X					
245	Hypolycaena pachalica	EASTERN HAIRSTREAK							
246	Hypolycaena buxtoni	BUXTON'S HAIRSTREAK							
247	Hypolycaena liara	HAIRSTREAK SPECIES							
248	Hypolycaena antifaunus	HAIRSTREAK SPECIES		X					
249	Hypolycaena hatita	HAIRSTREAK SPECIES	X	X		X			
250	Leptomyrina hirundo	TAILED BLACK-EYE							
251	Leptomyrina gorgias	COMMON BLACK-EYE							
252	Actis perigrapha	HAIRSTREAK SPECIES							
253	Hypokopelates ugandae	HAIRSTREAK SPECIES							
	Hypokopelates species	HAIRSTREAK SPECIES							
254	Pilodeudorix caerulea	BLUE HEART PLAYBOY	X	X					X
255	Deudorix antalus	BROWN PLAYBOY	X	X	X	X			
256	Deudorix odana	PLAYBOY SPECIES		X					
257	Deudorix jacksoni	JACKSON'S PLAYBOY		X					
258	Deudorix diocles	ORANGE-BARRED PLAYBOY							
259	Deudorix dinochares	APRICOT PLAYBOY							
260	Deudorix dinomenes	ORANGE PLAYBOY							
261	Deudorix livia	POMEGRANATE PLAYBOY		X					
262	Deudorix dariaves	BLACK-AND-ORANGE PLAYBOY							
263	Deudorix lorisona	COFFEE PLAYBOY	X	X					
264	Deudorix vansomereni	VAN SOMEREN'S PLAYBOY							
265	Deudorix ecaudata	UNTAILED PLAYBOY							
266	Deudorix suk	SUK PLAYBOY							
267	Capys hermes	PROTEA BUTTERFLY SPECIES							
268	Capys meruensis	PROTEA BUTTERFLY SPECIES							
269	Capys collinsi	COLLIN'S PROTEA BUTTERFLY							

270	Capys calpurnia	PROTEA BUTTERFLY SPECIES							
271	Capys juliae	JULIA'S PROTEA BUTTERFLY							
272	Capys cupreus	CUPREOUS PROTEA BUTTERFLY							
273	Capys rileyi	RILEY'S PROTEA BUTTERFLY							
	Capys sp. No (robertsi)	**Mt Kenya Roberts Protea B.**							
274	Lycaena phlaeas	SMALL COPPER		X					
275	Anthene rubricinctus	CILIATE BLUE SPECIES							
276	Anthene schoutedeni	SCHOUTEDEN'S CILIATE BLUE							
277	Anthene ligures	CILIATE BLUE SPECIES							
	Anthene bjoernstadi	BJORNSTAD'S CILIATE BLUE							
278	Anthene alberta	CILIATE BLUE SPECIES							
279	Anthene definita	COMMON CILIATE BLUE	X	X		X			
280	Anthene hobleyi	HOBLEY'S CILIATE BLUE							
281	Anthene lemnos	LARGE CILIATE BLUE							
282	Anthene indefinita	CILIATE BLUE SPECIES	X	X			X		
283	Anthene lasti	LAST'S CILIATE BLUE							
284	Anthene wilsoni	WILSON'S CILIATE BLUE							
285	Anthene otacilia	TRIMEN'S CILIATE BLUE		X					
286	Anthene contrastata	TINY CILIATE BLUE							
287	Anthene pitmani	PITMAN'S CILIATE BLUE							
288	Anthene talboti	TALBOT'S CILIATE BLUE							
289	Anthene opalina	OPAL CILIATE BLUE							
289a	Anthene sp. Indet								
290	Anthene hodsoni	HODSON'S CILIATE BLUE							
291	Anthene princeps	CILIATE BLUE SPECIES							
292	Anthene liodes	CILIATE BLUE SPECIES							
293	Anthene butleri	BUTLER'S CILIATE BLUE							
294	Anthene lunulata	RED-SPOT CILIATE BLUE	X	X					X
295	Anthene amarah	LEADEN CILIATE BLUE	X	X		X			
296	Anthene larydas	SPOTTED CILIATE BLUE	X	X		X			
297	Anthene kersteni	KERSTEN'S CILIATE BLUE							
298	Anthene crawshayi	CRAWSHAY'S CILIATE BLUE							
	Anthene sp	**Taru**							
	Anthene suquala	**Segera Rumuruti**							

299	Neurellipes gemmifera	CILIATE BLUE SPECIES		X					
300	Triclema phoenicis	CILIATE BLUE SPECIES							
301	Triclema kamilila	CILIATE BLUE SPECIES							
302	Triclema hades	CILIATE BLUE SPECIES							
303	Triclema nigeriae	CILIATE BLUE SPECIES		X					
304	Triclema lamias	CILIATE BLUE SPECIES							
305	Cupidopsis iobates	TAILED MEADOW BLUE		X					
305a	Cupidesthes arescopa orientalis								
	Cupidethes ysobelae	**Rangwe**							
306	Cupidopsis cissus	MEADOW BLUE		X					
307	Pseudonacaduba sichela	AFRICAN LINE BLUE		X					
308	Pseudonacaduba aethiops	DARK LINE BLUE							
309	Lampides boeticus	PEA BLUE	X	X					
310	Uranothauma cordatus	BLACK HEART SPECIES							
311	Uranothauma nubifer	BLACK HEART							
312	Uranothauma poggei	BLACK HEART SPECIES		X					
313	Uranothauma delatorum	BLACK HEART SPECIES							
314	Uranothauma vansomereni	BLACK HEART SPECIES							
315	Uranothauma falkensteini	BLACK HEART SPECIES							
316	Uranothauma antinorii	BLACK HEART SPECIES							
317	Uranothauma heritisia	BLACK HEART SPECIES		X					
318	Phylaria cyara	PHYLARIA SPECIES							
319	Cacyreus lingeus	COMMON BUSH BLUE	X	X		X	X		X
320	Cacyreus virilis	EASTERN BUSH BLUE		X					
321	Cacyreus audeoudi	AUDEOUD'S BUSH BLUE							
322	Cacyreus palemon	WATER GERANIUM BLUE							
323	Hypendyreus aequatorialis	EQUATORIAL MOUNTAIN BLUE							
324	Hypendyreus marungensis	CENTRAL MOUNTAIN BLUE							
325	Leptotes pirithous	COMMON ZEBRA BLUE	X	X	X	X	X		X
	Leptotoes adamsoni								
326	Leptotes babaulti	BABAULT'S ZEBRA BLUE		X					
327	Leptotes brevidentatus	TITE'S ZEBRA BLUE							
328	Leptotes jeanneli	JEANNEL'S ZEBRA BLUE							
329	Leptotes marginalis	BLACK-BORDERED ZEBRA BLUE		X					

330	Leptotes adamsoni	ADAMSON'S ZEBRA BLUE							
331	Leptotes pulcher	BEAUTIFUL ZEBRA BLUE							
332	Tuxentius calice	PIED PIERROT SPECIES							
333	Tuxentius cretosus	PIED PIERROT SPECIES	X	X					
334	Tuxentius margaritaceus	PIED PIERROT SPECIES							
335	Tuxentius melaena	DARK PIED PIERROT							
336	Zintha hintza	BLUE PIED PIERROT	X	X					
337	Tarucus theophrastus	AFRICAN PIERROT							
338	Tarucus ungemachi	UNGEMACH'S PIERROT							
339	Tarucus legrasi	LE GRAS' PIERROT							
340	Tarucus rosaceus	MEDITERRANEAN PIERROT							
341	Tarucus kulala	TURKANA PIERROT							
342	Tarucus grammicus	BLACK PIERROT							
343	Zizeeria knysna	AFRICAN GRASS BLUE	X	X	X				
344	Zizina antanossa	DARK GRASS BLUE		X					
345	Zizula hylax	TINY GRASS BLUE	X	X	X				
346	Actizera lucida	RAYED BLUE	X	X					X
347	Actizera stellata	CLOVER BLUE	X						
348	Azanus ubaldus	DESERT BABUL BLUE		X					
349	Azanus jesous	AFRICAN BABUL BLUE	X	X					
350	Azanus mirza	PALE BABUL BLUE							
351	Azanus moriqua	BLACK-BORDERED BABUL BLUE		X					
352	Azanus natalensis	NATAL BABUL BLUE							
353	Eicochrysops hippocrates	WHITE-TIPPED BLUE	X	X					
354	Eicochrysops nandianus	CUPREOUS BLUE							
355	Eicochrysops masai	MASAI CUPID							
356	Eicochrysops rogersi	ROGER'S CUPID							
357	Euchrysops subpallida	CUPID SPECIES							
358	Euchrysops mauensis	MAU CUPID							
359	Euchrysops nandensis	CUPID SPECIES							
360	Euchrysops albistriatus	CUPID SPECIES	X	X					X
361	Euchrysops kabrosae	CUPID SPECIES							
362	Euchrysops malathana	SMOKY BEAN CUPID		X	X		X		X
363	Euchrysops nilotica	DESERT BEAN CUPID							

364	Euchrysops osiris	AFRICAN CUPID	X	X	X	X	X		
365	Euchrysops barkeri	BARKER'S CUPID		X					
366	Euchrysops brunneus	BROWN CUPID							
367	Euchrysops crawshayi	CRAWSHAY'S CUPID		X					
368	Lepidochrysops kitale	KITALE GIANT CUPID							
369	Lepidochrysops desmondi	DESMOND'S GIANT CUPID							
370	Lepidochrysops parsimon	GIANT CUPID SPECIES	X	X	X				
371	Lepidochrysops victoriae	GIANT CUPID SPECIES							
372	Lepidochrysops polydialecta	GIANT CUPID SPECIES							
373	Lepidochrysops pterou	GIANT CUPID SPECIES	X	X					
374	Lepidochrysops neonegus	GIANT CUPID SPECIES							
374a	Lepidochrysops budama			X					
374b	Lepidochrysops jacksoni			X					
375	Lepidochrysops lukenia	LUKENIA GIANT CUPID							
376	Lepidochrysops elgonae	ELGON GIANT CUPID							
377	Lepidochrysops jansei	JANSE'S GIANT CUPID							
378	Lepidochrysops peculiaris	PECULIAR GIANT CUPID							
379	Thermoniphas micyclus	CUPID SPECIES							
	Thermoniphas togara	CUPID SPECIES							
	Thermoniphas micyclus								
380	Oboronia guessfeldti	GUSSFELDT'S WHITE BLUE							
	Oboronia bueronica	WHITE BLUE SPECIES							
381	Chilades kedonga	KEDONG CUPID							
382	Freyeria trochylus	GRASS JEWEL							
383	Abisara neavei	NEAVE'S JUDY							
384	Libythea labdaca	AFRICAN BEAK		X					
385	Danaus chrysippus	AFRICAN MONARCH	X	X		X	X	X	X
386	Tirulama petiverana	AFRICAN BLUE TIGER		X					
387	Tirulama formosa	BEAUTIFUL TIGER							
388	Amauris niavius	FRIAR		X					
389	Amauris ochlea	NOVICE							
390	Amauris tartarea	MONK	X	X		X	X		
391	Amauris hecate	MONK SPECIES							
392	Amauris echeria	CHIEF		X					

393	Amauris albimaculata	LAYMAN							
394	Amauris oscarus	MONK SPECIES							
395	Amauris ellioti	MONK SPECIES							
396	Gnophodes betsimena	BANDED EVENING BROWN							
397	Gnophodes chelys	EVENING BROWN SPECIES							
398	Melanitis leda	COMMON BUSH BROWN	X	X					
399	Melanitis libya	EVENING BROWN SPECIES							
400	Aphysoneura pigmentaria	PAINTED RINGLET							
401	Aphysoneura scapulifascia	PAINTED RINGLET SPECIES							
402	Bicyclus mesogena	BUSH BROWN SPECIES							
403	Bicyclus kenia	KENYAN BUSH BROWN							
404	Bicyclus mandanes	BUSH BROWN SPECIES							
405	Bicyclus auricrudus	BUSH BROWN SPECIES							
406	Bicyclus vulgaris	BUSH BROWN SPECIES	X	X				X	
407	Bicyclus sandace	BUSH BROWN SPECIES	X	X					
408	Bicyclus jefferyi	JEFFERY'S BUSH BROWN	X	X			X		
409	Bicyclus ena	GRIZZLED BUSH BROWN							
410	Bicyclus campinus	BUSH BROWN SPECIES							
411	Bicyclus bucea	BUSH BROWN SPECIES							
412	Bicyclus istaris	BUSH BROWN SPECIES							
413	Bicyclus sophrosyne	BUSH BROWN SPECIES							
414	Bicyclus mollitia	BUSH BROWN SPECIES							
415	Bicyclus smithi	SMITH'S BUSH BROWN							
416	Bicyclus golo	BUSH BROWN SPECIES							
417	Bicyclus dentatus	DENTATE BUSH BROWN							
418	Bicyclus sausseuri	SAUSSURE'S BUSH BROWN		X					
419	Bicyclus anynana	SQUINTING BUSH BROWN							
420	Bicyclus safitza	COMMON BUSH BROWN	X	X		X	X	X	X
421	Bicyclus campus	HILL BUSH BROWN							
422	Bicyclus angulosus	BUSH BROWN SPECIES							
423	Bicyclus pavonis	BUSH BROWN SPECIES							
	Bicyclus milyas	BUSH BROWN SPECIES							
424	Bicyclus funebris	BUSH BROWN SPECIES		X					
425	Henotesia phea	PATROLLER SPECIES							

426	Henotesia perspicua	SWAMP PATROLLER	X	X	X	X	X	X	
427	Henotesia peitho	PATROLLER SPECIES							
428	Ypthima asterope	COMMON THREE-RING	X	X	X	X	X	X	
429	Ypthima yatta	YATTA THREE-RING							
430	Ypthima rhodesiana	THREE-RING SPECIES							
431	Ypthima simplicia	THREE-RING SPECIES							
432	Ypthima condamini	THREE-RING SPECIES							
433	Ypthima antennata	THREE-RING SPECIES							
434	Ypthima jacksoni	THREE-RING SPECIES							
435	Ypthima recta	THREE-RING SPECIES							
436	Ypthima granulosa	THREE-RING SPECIES							
437	Ypthima pupillaris	THREE-RING SPECIES							
438	Ypthima impura	THREE-RING SPECIES							
439	Ypthima albida	SILVER RINGLET	X	X					
440	Ypthimomorpha itonia	SWAMP RINGLET							
441	Physcaeneura leda	RINGLET SPECIES							
442	Neita victoriae	RINGLET SPECIES							
443	Coenyropsis carcassoni	RINGLET SPECIES							
444	Neocoenyra duplex	RINGLET SPECIES							
445	Neocoenyra gregorii	RINGLET SPECIES		X					
446	Neocoenyra masaica	RINGLET SPECIES							
447	Charaxes varanes	PEARL CHARAXES	X	X					
448	Charaxes fulvescens	FOREST PEARL CHARAXES							
449	Charaxes acuminatus	MOUNTAIN PEARL CHARAXES							
450	Charaxes candiope	GREEN-VEINED CHARAXES		X					
451	Charaxes protoclea	FLAME-BORDERED CHARAXES							
452	Charaxes macclounii	RED COAST CHARAXES							
453	Charaxes lasti	SILVER STRIPED CHARAXES							
454	Charaxes cynthia	WESTERN RED CHARAXES							
455	Charaxes lucretius	VIOLET-WASHED CHARAXES							
456	Charaxes lactetinctus	BLUE PATCH CHARAXES		X					
457	Charaxes epijasius	SAHEL CHARAXES		X					
458	Charaxes saturnus	FOXY CHARAXES							
459	Charaxes harrisoni	HARRISON'S CHARAXES							

460	Charaxes hansalii	CREAM-BANDED CHARAXES							
461	Charaxes castor	GIANT CHARAXES		X					
462	Charaxes brutus	WHITE BARRED CHARAXES	X	X					
463	Charaxes ansorgei	ANSORGE'S CHARAXES							
464	Charaxes pollux	BLACK-BORDERED CHARAXES	X	X					
465	Charaxes druceanus	SILVER-BARRED CHARAXES		X					
466	Charaxes eudoxus	CHARAXES SPECIES		X					
467	Charaxes tiridates	CHARAXES SPECIES							
468	Charaxes bipunctatus	TWO SPOT CHARAXES							
469	Charaxes numenes	CHARAXES SPECIES							
470	Charaxes bohemani	LARGE BLUE CHARAXES							
471	Charaxes violetta	VIOLET SPOTTED CHARAXES							
472	Charaxes cithaeron	BLUE SPOTTED CHARAXES							
473	Charaxes xiphares	FOREST KING CHARAXES							
474	Charaxes nandina	HIGHLAND BLUE CHARAXES							
475	Charaxes smaragdalis	WESTERN BLUE CHARAXES							
476	Charaxes pythodoris	POWDER BLUE CHARAXES							
477	Charaxes etesipe	SAVANNAH CHARAXES	X	X					
478	Charaxes achaemenes	BUSH CHARAXES							
479	Charaxes jahlusa	PEARL SPOTTED CHARAXES							
480	Charaxes eupale	COMMON GREEN CHARAXES		X					
481	Charaxes subornatus	ORNATE GREEN CHARAXES							
482	Charaxes anticlea	SMALL FLAME-BORDERED CHARAXES							
483	Charaxes baumanni	BAUMANN'S CHARAXES	X	X			X		
484	Charaxes blanda	CHARAXES SPECIES							
485	Charaxes etheocles	DEMON CHARAXES							
486	Charaxes ethalion	SATYR CHARAXES							
487	Charaxes baileyi	BAILEY'S CHARAXES							
488	Charaxes chepalungu	CHARAXES SPECIES							
489	Charaxes cedreatis	CHARAXES SPECIES							
490	Charaxes fionae	FIONA'S CHARAXES							
491	Charaxes picta	CHARAXES	X	X					X
492	Charaxes kirki	KIRK'S CHARAXES							
493	Charaxes chanleri	CHANLER'S CHARAXES							

494	Charaxes berkeleyi	BERKELEY'S CHARAXES							
495	Charaxes aubyni	AUBYN'S CHARAXES							
496	Charaxes contrarius	CONTRARY CHARAXES							
497	Charaxes guderiana	BLUE SPANGLED CHARAXES							
498	Charaxes pleione	CHARAXES SPECIES							
499	Charaxes paphianus	CHARAXES SPECIES							
500	Charaxes zoolina	CLUB-TAILED CHARAXES		X					
501	Charaxes zelica	CHARAXES SPECIES							
502	Euxanthe eurinome	WESTERN FOREST QUEEN		X					
503	Euxanthe crossleyi	CROSSLEY'S FOREST QUEEN							
504	Euxanthe wakefieldi	FOREST QUEEN							
505	Euxanthe tiberius	FOREST QUEEN SPECIES							
506	Apaturopsis cleochares	PAINTED EMPRESS							
507	Euryphura achlys	MOTTLED GREEN							
508	Euryphura albimargo	MOTTLED GREEN SPECIES							
	Euryphura chalcis								
509	Euriphene ribensis	EURIPHENE SPECIES							
510	Euriphene saphirina	EURIPHENE SPECIES							
511	Bebearia chriemhilda	BEBEARIA SPECIES							
512	Bebearia cocalia	SPECTRE							
513	Bebearia dealbata	BEBEARIA SPECIES							
514	Bebearia sophus	BEBEARIA SPECIES							
515	Euphaedra neophron	GOLD BANDED FORESTER							
516	Euphaedra medon	COMMON FORESTER		X					
517	Euphaedra rex	KING FORESTER							
518	Euphaedra preussi	FORESTER SPECIES							
519	Euphaedra paradoxa	FORESTER SPECIES							
520	Euphaedra orientalis	ORANGE FORESTER							
521	Euphaedra rattfrayi	RATTRAY'S FORESTER							
522	Hamanumida daedalus	GUINEAFOWL	X	X				X	X
523	Aterica galene	FOREST GLADE NYMPH							
524	Pseudargynnis hegemone	FALSE FRITILLARY							
525	Catuna crithea	CATUNA SPECIES							
526	Harma theobene	GLIDER SPECIES							

527	Cymothoe lurida	LURID GLIDER							
528	Cymothoe herminia	GLIDER SPECIES							
529	Cymothoe teita	TEITA GLIDER							
530	Cymothoe coranus	BLONDE GLIDER							
531	Cymothoe hobarti	HOBART'S RED GLIDER							
532	Euptera elabontas	GLIDER SPECIES							
533	Euptera kinugnana	GLIDER SPECIES							
533a	Euptera lufirensis								
534	Pseudathyma plutonica	GLIDER SPECIES							
535	Pseudathyma nzoia	GLIDER SPECIES							
536	Pseudathyma neptidina	GLIDER SPECIES							
537	Pseudathyma lucretioides	GLIDER SPECIES							
538	Pseudoneptis bugandensis	BLUE SAILER							
539	Pseudacraea eurytus	FALSE WANDERER							
540	Pseudacraea kuenowi	KUNOW'S FALSE ACRAEA							
541	Pseudacraea dolomena	FALSE ACRAEA SPECIES							
542	Pseudacraea deludens	FALSE ACRAEA SPECIES							
543	Pseudacraea lucretia	FALSE DIADEM		X					
544	Pseudacraea boisduvali	TRIMEN'S FALSE ACRAEA		X					
544a	Pseudacraea clarkii								
545	Neptis saclava	SMALL SPOTTED SAILER	X	X			X	X	X
546	Neptis metella	SAILER SPECIES							
547	Neptis nemetes	SAILER SPECIES							
548	Neptis laeta	SAILER SPECIES							
549	Neptis serena	RIVER SAILER	X	X				X	
550	Neptis penningtoni	PENNINGTON'S SAILER							
551	Neptis kiriakoffi	KIRIAKOFF'S SAILER	X	X			X		
552	Neptis morosa	MOROSE SAILER	X	X			X	X	X
	Neptis jordani	JORDAN'S SAILER							
553	Neptis alta	SAILER SPECIES							
554	Neptis gratiosa	SAILER SPECIES							
555	Neptis constantiae	CONSTANCE'S SAILER							
556	Neptis katama	SAILER SPECIES							
557	Neptis rogersi	ROGER'S SAILER							

558	Neptis clarei	CLARE'S SAILER							
559	Neptis conspicua	SAILER SPECIES							
559a	Neptis puella								
	Neptis species	SAILER SPECIES							
560	Neptis poultoni	POULTON'S SAILER							
561	Neptis nina	TINY SAILER							
	Neptis nicomedes	SAILER SPECIES							
562	Neptis strigata	SAILER SPECIES							
	Neptis strigata								
563	Neptis nicobule	SAILER SPECIES							
	Neptis nicoteles	SAILER SPECIES							
564	Neptis trigonophora	SAILER SPECIES							
565	Neptis melicerta	STREAKED SAILER							
	Neptis agouale								
566	Neptis carcassoni	CARCASSON'S STREAKED SAILER							
567	Neptis goochi	SMALL STREAKED SAILER							
568	Neptis aurivillii	AURIVILLIUS'S SAILER							
569	Neptis occidentalis	SAILER SPECIES							
570	Neptis kikuyuensis	KIKUYU SAILER							
571	Neptis woodwardi	WOODWARD'S SAILER							
	Neptis sedrayersii	**Kakamega**							
572	Cyrestis camillus	AFRICAN MAP BUTTERFLY							
573	Sallya occidentalium	VELVETY TREE-NYMPH		X					
574	Sallya morantii	OBSCURE TREE-NYMPH							
575	Sallya boisduvali	BROWN TREE-NYMPH	X	X					
576	Sallya natalensis	NATAL TREE-NYMPH							
577	Sallya garega	TREE-NYMPH SPECIES	X	X	X	X			
578	Sallya umbrina	TREE-NYMPH SPECIES							
579	Sallya amulia	LILAC TREE-NYMPH							
580	Byblia ilithyia	JOKER	X	X					X
581	Byblia anvatara	AFRICAN JOKER	X	X			X		X
582	Ariadne enotrea	AFRICAN CASTOR		X					
583	Ariadne pagenstecheri	PAGENSTECHER'S CASTOR							
584	Neptidopsis ophione	SCALLOPED SAILER		X					

585	Neptidopsis fulgurata	MALAGASY SAILER							
586	Eurytela dryope	GOLDEN PIPER		X			X		
587	Eurytela hiarbas	PIED PIPER		X					
588	Hypolimnas misippus	DANAIID EGGFLY	X	X					
589	Hypolimnas bolina	COMMON EGGFLY							
590	Hypolimnas deceptor	DECEPTIVE EGGFLY							
591	Hypolimnas anthedon	VARIABLE EGGFLY		X					
592	Hypolimnas dinarcha	EGGFLY SPECIES							
593	Hypolimnas usambara	RED SPOT DIADEM							
594	Hypolimnas monteironis	BLACK-TIPPED DIADEM							
595	Hypolimnas salmacis	BLUE DIADEM							
596	Salamis temora	BLUE MOTHER-OF-PEARL							
597	Salamis parhassus	FOREST MOTHER-OF-PEARL		X					
598	Salamis anacardii	CLOUDED MOTHER-OF-PEARL	X	X				X	
599	Salamis cacta	LILAC BEAUTY							
600	Junonia orithya	BLUE PANSY	X	X					X
601	Junonia oenone	DARK BLUE PANSY	X	X				X	
602	Junonia hierta	YELLOW PANSY							
603	Junonia westermanni	BLUE SPOT PANSY							
604	Junonia artaxia	COMMODORE							
605	Junonia sophia	LITTLE COMMODORE	X	X	X	X			X
606	Junonia stygia	BROWN PANSY	X	X			X	X	X
607	Junonia chorimene	GOLDEN PANSY	X	X	X	X	X		X
608	Junonia natalica	NATAL PANSY							
609	Junonia terea	SOLDIER COMMODORE	X	X	X			X	
610	Precis octavia	GAUDY COMMODORE	X	X					
611	Precis antilope	DARKER COMMODORE							
612	Precis archesia	GARDEN INSPECTOR	X	X				X	
613	Precis coelestina	COMMODORE SPECIES	X	X					
614	Precis limnoria	WHITE-SPOTTED COMMODORE		X					
615	Precis ceryne	MARSH COMMODORE	x	X	X		X	X	
616	Precis pelarga	FASHION COMMODORE	x	X					
617	Precis tugela	EARED COMMODORE							
618	Precis sinuata	EARED COMMODORE SPECIES							

619	Precis rauana	EARED COMMODORE SPECIES							
620	Catacroptera cloanthe	PIRATE	X	X	X				
622	Mallika jacksoni	JACKSON'S LEAF BUTTERFLY		X					
623	Kamilla ansorgei	ANSORGE'S LEAF BUTTERFLY							
624	Vanessula milca	BLACK-AND-ORANGE		X					
625	Vanessa cardui	PAINTED LADY							
626	Antanartia schaeneia	LONG TAIL ADMIRAL							
627	Antanartia abyssinica	ABYSSINIAN ADMIRAL							
628	Antanartia dimorphica	DIMORPHIC ADMIRAL		X					
629	Antanartia delius	ORANGE ADMIRAL							
630	Lachnoptera anticlia	WESTERN BLOTCHED LEOPARD		X					
631	Lachnoptera ayresii	EASTERN BLOTCHED LEOPARD							
632	Phalanta phalantha	COMMON LEOPARD FRITILLARY	x	X		X	X	X	
633	Phalanta eurytis	AFRICAN LEOPARD FRITILLARY		X					
634	Issoria hanningtoni	HANNINGTON'S FRITILLARY							
635	Acraea perenna	ACRAEA SPECIES	x	X	X			X	
636	Acraea cinerea	GREY ACRAEA							
637	Acraea baxteri	BAXTER'S ACRAEA							
638	Acraea aubyni	AUBYN'S ACRAEA							
639	Acraea conradti	ACRAEA SPECIES							
640	Acraea melanoxantha	ACRAEA SPECIES							
641	Acraea penelope	PENELOPE'S ACRAEA							
642	Acraea oreas	ACRAEA SPECIES							
643	Acraea servona	ACRAEA SPECIES							
644	Acraea peneleos	ACRAEA SPECIES							
645	Acraea semivitrea	ACRAEA SPECIES							
646	Acraea quirinalis	ACRAEA SPECIES	x	X					
648	Acraea humilis	ACRAEA SPECIES							
649	Acraea pharsalus	ACRAEA SPECIES		X					
650	Acraea encedon	ENCEDON ACRAEA	x	X					
651	Acraea encedana	PIERRE'S ACRAEA		X		X	X	X	
652	Acraea ansorgei	ANSORGE'S ACRAEA							
653	Acraea disjuncta	ACRAEA SPECIES							
654	Acraea aurivillii	AURIVILLIUS' ACRAEA							

655	Acraea jodutta	ACRAEA SPECIES		X					
656	Acraea esebria	DUSKY ACRAEA		X					
657	Acraea lycoa	ACRAEA SPECIES							
658	Acraea johnstoni	JOHNSTON'S ACRAEA		X					
659	Acraea eponina	ORANGE ACRAEA	x	X	X		X		X
660	Acraea ventura	ACRAEA SPECIES		X					
661	Acraea rangatana	ACRAEA SPECIES							
662	Acraea althoffi	ALTHOFF'S ACRAEA							
663	Acraea acerata	FALL'S ACRAEA	x	X	X		X	X	X
664	Acraea uvui	TINY ACRAEA	x						
665	Acraea alicia	ACRAEA SPECIES							
666	Acraea viviana	ACRAEA SPECIES							
667	Acraea cabira	YELLOW BANDED ACRAEA	x					X	
668	Acraea sotikensis	SOTIK ACRAEA	x						
669	Acraea excelsior	ACRAEA SPECIES							
670	Acraea orestia	ACRAEA SPECIES							
671	Acraea pentapolis	ACRAEA SPECIES							
672	Acraea anacreon	ACRAEA SPECIES							
673	Acraea rahira	MARSH ACRAEA							
674	Acraea cerasa	TREE TOP ACRAEA							
675	Acraea rogersi	ROGER'S ACRAEA							
676	Acraea petraea	BLOOD ACRAEA							
677	Acraea egina	ELEGANT ACRAEA	X				X	X	
678	Acraea pudorina	KENYA FIERY ACRAEA							
679	Acraea acrita	FIERY ACRAEA							
680	Acraea utengulensis	TANZANIAN FIERY ACRAEA							
681	Acraea sykesi	SYKE'S ACRAEA							
682	Acraea sp	ACRAEA SPECIES							
683	Acraea braesia	ACRAEA SPECIES							
684	Acraea equatorialis	ACRAEA SPECIES							
685	Acraea oncaea	WINDOW ACRAEA							
686	Acraea pudorella	ACRAEA SPECIES							
687	Acraea natalica	NATAL ACRAEA							
688	Acraea pseudegina	ACRAEA SPECIES	x	X	X			X	

689	Acraea caecilia	ACRAEA SPECIES	x	X	X				
690	Acraea lygus	ACRAEA SPECIES							
691	Acraea asboloplintha	BLACK-WINGED ACRAEA		X					
692	Acraea caldarena	BLACK TIP ACRAEA	X	X	X			X	
693	Acraea miranda	SOMALI ACRAEA							
694	Acraea mirabilis	MARVELOUS ACRAEA							
695	Acraea zonata	ACRAEA SPECIES							
697	Acraea rabbaiae	CLEAR WING ACRAEA							
698	Acraea satis	COAST ACRAEA							
699	Acraea zetes	LARGE SPOTTED ACRAEA	x					X	
700	Acraea chilo	CHILO ACRAEA							
701	Acraea anemosa	BROAD BORDERED ACRAEA							
702	Acraea pseudolycia	ACRAEA SPECIES							
703	Acraea leucographa	ACRAEA SPECIES							
704	Acraea boopis	ACRAEA SPECIES							
705	Acraea quirina	ACRAEA SPECIES							
706	Acraea cuva	ACRAEA SPECIES							
706a	Acraea machequena								
707	Acraea insignis	ACRAEA SPECIES							
708	Acraea neobule	NEOBULE ACRAEA							
709	Acraea matuapa	ACRAEA SPECIES							
710	Acraea poggei	POGGE'S WANDERER	x	X			X		
711	Acraea macarista	ACRAEA SPECIES							
712	Acraea macaria	ACRAEA SPECIES							
713	Acraea elgonense	ACRAEA SPECIES							
714	Acraea adrasta	ACRAEA SPECIES							
715	Acraea alcinoe	ACRAEA SPECIES							
716	Acraea aganice	WANDERER							
717	Acraea quadricolor	FOUR-COLOUR ACRAEA		X					
718	Acraea epaea	ACRAEA SPECIES							
719	Pardopsis punctatissima	POLKA DOT	X	X					
720	Coeliades chalybe	BLUE POLICEMAN							
721	Coeliades libeon	SPOTLESS POLICEMAN							
722	Coeliades anchises	ONE PIP POLICEMAN							

723	Coeliades forestan	STRIPED POLICEMAN	X	X			X		
724	Coeliades pisistratus	TWO PIP POLICEMAN							
725	Coeliades hanno	WESTERN POLICEMAN							
726	Coeliades sejuncta	COAST POLICEMAN							
727	Coeliades keithloa	RED TAB POLICEMAN							
728	Celaenorrhinus proxima	FLAT SPECIES		X					
729	Celaenorrhinus macrostictus	FLAT SPECIES							
730	Celaenorrhinus galenus	FLAT SPECIES	x	X			X		
731	Celaenorrhinus intermixtus	FLAT SPECIES		X					
732	Celaenorrhinus ovalis	FLAT SPECIES							
733	Celaenorrhinus bettoni	FLAT SPECIES		X					
734	Tagiades flesus	CLOUDED FLAT	x	X			X		
735	Eagris sabadius	FLAT SPECIES		X					
736	Eagris lucetia	FLAT SPECIES		X					
737	Eagris nottoana	FLAT SPECIES	X	X					
738	Eagris decastigma	FLAT SPECIES							
739	Eretis umbra	SMALL MARBLED ELF							
740	Eretis rotundimacula	ELF SPECIES							
741	Eretis lugens	ELF SPECIES	x	X					
742	Eretis melania	ELF SPECIES							
743	Eretis mitiana	ELF SPECIES							
744	Eretis vaga	ELF SPECIES							
745	Sarangesa princel	ELFIN SPECIES							
746	Sarangesa laelius	ELFIN SPECIES	X	X			X		
747	Sarangesa lucidella	MARBLED ELFIN							
748	Sarangesa phidyle	ORANGE FLAT	x						
749	Sarangesa seineri	DUSTED ELFIN							
750	Sarangesa motozi	ELFIN SKIPPER							
751	Sarangesa haplopa	ELFIN SPECIES		X					
752	Sarangesa maculata	ELFIN SPECIES							
753	Sarangesa thecla	ELFIN SPECIES							
753a	Sarangesa aza								
754	Sarangesa bouvieri	ELFIN SPECIES							
755	Sarangesa brigida	ELFIN SPECIES	x						

756	Caprona pillaana	RAGGED SKIPPER		X					
757	Caprona adelica	WESTERN RAGGED SKIPPER		X			X		
758	Netrobalanes canopus	BUFF-TIPPED SKIPPER	x	X					
759	Leucochitonea hindei	KENYAN WHITE-CLOAKED SKIPPER							
760	Abantis tettensis	SPOTTED VELVET SKIPPER		X					
761	Abantis bismarcki	BISMARCK'S PARADISE SKIPPER		X					
762	Abantis paradisea	PARADISE SKIPPER							
763	Abantis meru	MERU PARADISE SKIPPER							
764	Abantis venosa	VEINED PARADISE SKIPPER							
765	Abantis contigua	PARADISE SKIPPER SPECIES							
766	Spialia kituina	KITUI GRIZZLED SKIPPER							
767	Spialia spio	SPIO GRIZZLED SKIPPER	x	X	X				
768	Spialia diomus	DIOMUS GRIZZLED SKIPPER							
769	Spialia doris	DESERT GRIZZLED SKIPPER							
770	Spialia colotes	TRANSVAAL GRIZZLED SKIPPER	x	X					
771	Spialia confusa	GRIZZLED SKIPPER SPECIES							
772	Spialia mafa	MAFA GRIZZLED SKIPPER							
773	Spialia wrefordi	WREFORD'S GRIZZLED SKIPPER							
774	Spialia dromus	DROMUS GRIZZLED SKIPPER		X			X		
775	Spialia ploetzi	FOREST GRIZZLED SKIPPER							
776	Spialia mangana	ARABIAN GRIZZLED SKIPPER							
777	Spialia delagoae	DELAGOA GRIZZLED SKIPPER							
778	Spialia zebra	ZEBRA GRIZZLED SKIPPER							
779	Spialia depauperata	DEPRIVED GRIZZLED SKIPPER							
780	Gomalia elma	AFRICAN MALLOW SKIPPER							
781	Metisella midas	GOLDEN SYLPH		X					
782	Metisella medea	SYLPH SPECIES							
783	Metisella orientalis	SYLPH SPECIES							
784	Metisella kakamega	KAKAMEGA SYLPH							
785	Metisella quadrisignatus	FOUR SPOT SYLPH							
786	Metisella trisignatus	THREE SPOT SYLPH							
787	Metisella formosus	BEAUTIFUL SYLPH							
788	Metisella willemi	NETTED SYLPH		X					
789	Lepella lepeletier	SYLPH SPECIES		X					

790	Astictopterus stellata	SPOTTED SYLPH							
791	Prosopalmus styla	SYLPH SPECIES							
792	Prosopalmus saga	SYLPH SPECIES							
793	Ampittia capenas	AFRICAN BUSH HOPPER							
793a	Ampittia parva	Taveta							
794	Kedestes mohozutza	FULVOUS RANGER							
795	Kedestes nancy	NANCY'S RANGER							
796	Kedestes wallengreni	WALLENGREN'S RANGER	x						
797	Kedestes brunneostriga	PALE RANGER	X	X					
798	Kedestes rogersi	ROGER'S RANGER							
799	Kedestes callicles	PALE RANGER		X					
800	Gorgyra sudflavidus	GORGYRA SPECIES							
801	Gorgyra aretina	GORGYRA SPECIES							
801a	Gorgyra mocquerysii								
802	Gorgyra diva	GORGYRA SPECIES							
803	Gorgyra minima	GORGYRA SPECIES							
804	Gorgyra johnstoni	GORGYRA SPECIES		X					
805	Gorgyra bibulus	GORGYRA SPECIES							
805a	Gorgyra diversata	Kakamega							
805b	Gorgyra kalinzu	Kakamega							
806	Ceratrichia flava	YELLOW FOREST SYLPH							
807	Ceratrichia wollastoni	WOLLASTON'S FOREST SYLPH							
808	Ceratrichia hollandi	HOLLAND'S SYLPH							
809	Ceratrichia brunnea	BROWN FOREST SYLPH							
810	Ceratrichia mabirensis	SYLPH SPECIES							
811	Pardaleodes incerta	SYLPH SPECIES	x	X			X		
812	Pardaleodes sator	SYLPH SPECIES							
813	Pardaleodes tibullus	SYLPH SPECIES							
814	Pardaleodes bule	SYLPH SPECIES							
815	Ankola fan	SYLPH SPECIES							
816	Xanthodisca vibius	SYLPH SPECIES		X					
817	Teniorhinus herilus	SYLPH SPECIES							
817a	Teniorhinus harona								
818	Acada biseriatus	AXEHEAD SKIPPER							

819	Parosmodes morantii	MORANT'S SKIPPER		X					
820	Osmodes laronia	OSMODES SPECIES							
821	Osmodes thora	OSMODES SPECIES							
822	Paracleros biguttulus	PARACLEROS SPECIES							
823	Acleros ploetzi	PLOETZ'S SKIPPER							
824	Acleros mackenii	MACKEN'S SKIPPER	x	X			X		
825	Semalea pulvina	SILKY SKIPPER							
826	Semalea sextilis	SILKY SKIPPER SPECIES							
827	Semalea arela	SILKY SKIPPER SPECIES	x	X			X		
828	Hypoleucis tripunctata	HYPOLEUCIS SPECIES							
829	Andronymus neander	COMMON DART							
830	Andronymus caesar	WHITE DART		X					
831	Chondrolepis niveicornis	SNOW HORNED SKIPPER	x	X					
832	Chondrolepis telisignata	SNOW HORNED SKIPPER SPECIES							
833	Chondrolepis leggei	LEGGE'S SNOW HORNED SKIPPER							
834	Zophopetes dysmephila	PALM TREE NIGHTFIGHTER		X					
835	Zophopetes nobilior	NOBLE NIGHTFIGHTER							
836	Gamia buchholzi	NIGHTFIGHTER SPECIES							
837	Gamia shelleyi	NIGHTFIGHTER SPECIES							
838	Artitropa reducta	NIGHTFIGHTER SPECIES							
839	Artitropa milleri	MILLER'S NIGHTFIGHTER							
840	Artitropa erinnys	BUSH NIGHTFIGHTER							
841	Gretna carmen	NIGHTFIGHTER SPECIES							
842	Caenides halma	NIGHTFIGHTER SPECIES							
843	Caenides luehderi	NIGHTFIGHTER SPECIES							
844	Caenides lissa	NIGHTFIGHTER SPECIES							
845	Monza alberti	MONZA SPECIES							
846	Monza cretacea	MONZA SPECIES							
847	Monza punctata	MONZA SPECIES							
848	Fresna netopha	YELLOW ACRAEA SKIPPER							
849	Fresna nyassae	VARIEGATED ACRAEA SKIPPER		X					
850	Fresna cojo	MONK LARGE ACRAEA SKIPPER		X					
851	Platyleches moritili	COMMON HOPPER		X					
852	Platyleches tina	SMALL HOPPER							

853	Zenonia zeno	ORANGE SPOTTED SKIPPER	x	X					
854	Pelopidas mathias	LESSER MILLET SKIPPER		X			X		
855	Pelopidas thrax	MILLET SKIPPER		X					
856	Borbo fatuellus	LONG-HORNED SWIFT	x	X					
857	Borbo kaka	KAKAMEGA SWIFT							
858	Borbo lugens	LESSER HORNED SWIFT		X					
859	Borbo fallax	FALSE SWIFT							
359a	Borbo fanta								
860	Borbo sirena	SWIFT SPECIES							
861	Borbo perobscura	SWIFT SPECIES							
862	Borbo detecta	SWIFT SPECIES							
863	Borbo micans	MARSH SWIFT							
864	Borbo ferruginea	FERRUGINOUS SWIFT							
865	Borbo borbonica	OLIVE HAIRED SWIFT	X	X					
866	Borbo gemella	TWIN SWIFT							
867	Borbo holtzii	VARIABLE SWIFT							
868	Parnara naso	WATER WATCHMAN							
869	Gegenes pumilio	DARK HOTTENTOT							
870	Gegenes hottentota	HOTTENTOT SKIPPER							
871	Gegenes niso	PLAIN HOTTENTOT	x	X		X	X		
872	Virachola calinsoga	**Kakamega**		X					
873	Taraucus sybaris	**Masai Mara**							
874	Stugeta somalina	**Kulal**							
875	Spindasis apuelia	**Kakamega**							
876	Spindasis crustaria	**Kakamega**							
877	Pratylesches picanini	**Uriri/Kisii**							
878	Ornipholidotos jacksoni	**Kakamega**							
879	Ornipholidotos katangae	**Kakamega**							
880	Orboronia punctatus	**BF Alupe Riv/Adungosi**							
881	Epamera aelianus ssp nov	**Kulal**							
882	Epamera bellina	**Kakamega**							
883	Epamera neavei katerae	**Kakamega**							
	Totals		122	233	25	25	45	34	27

List of plants identified in Angurai

June 2004

Abutilon mauritianum
Acacia gerrardii
Acacia hockii
Acacia mellifera
Acacia polyacantha
Acacia senegal
Acacia seyal
Acacia sieberiana
Acalypha neptunica
Acalypha ornata
Acalypha villicaulis
Achyranthes aspera
Aerva lanata
Aeschynomene schimperi
Aframomum angustifolium
Ageratum conyzoides
Albizia adianthifolia
Albizia coriaria
Albizia zygia
Allophylus abyssinicus
Allophylus africanus
Allophylus alnifolius
Alysicarpus glumaceus
Amaranthus dubius
Amaranthus spinosus
Amorphophallus abyssinicus
Anacardium occidentale
Andropogon gayanus
Annona senegalensis
Antiaris toxicaria
Arachis hypogea
Arisaema mildbraedii
Asparagus africanus
Aspilia kotschyi
Asystasia gangetica
Balanophora glomerata
Berkheya spekeana
Bidens pilosa
Brachiaria brizantha
Brachiaria comata
Brachiaria decumbens
Brachiaria platynota
Bridelia micrantha
Bridelia scleroneuroides
Butyrospermum parkii (see Vitellaria paradoxa)
Canthium vulgare
Capparis tomentosa
Carissa edulis
Cassia abbreviata
Cassia didymobotrya
Cassia hirsuta
Cassia singueana
Celosia trigyna
Celtis africana
Chaetacme aristata
Chamaecrista kirkii
Chloris pycnothrix
Chrysanthellum americanum
Cissus quadrangularis
Clerodendrum myricoides
Clerodendrum rotundifolium
Clerodendrum umbellatum
Combretum collinum subsp. benderanum
Combretum collinum
Combretum molle
Combretum zeyheri
Commelina africana
Commelina arrecta
Commelina benghalensis
Commiphora sp.
Conyza floribunda
Conyza pyrrhopappa
Crabbea velutina
Crotalaria sp.
Curcuma longa
Cussonia arborea
Cyanotis foecunda
Cyanotis lanata
Cynodon dactylon
Cynoglossum sp.
Cyperus dubius
Cyperus iria
Cyperus macranthus (see Pycreus macranthus)
Cyperus oblongus (see Kyllinga nervosa)
Cyphostemma adenocaule
Desmodium canum

Desmodium gangeticum
Desmodium repandum
Dicliptera laxata
Dichrostachys cinerea
Digitaria abyssinica
Digitaria longiflora
Dioscorea dumetorum
Dioscorea quartiniana
Dombeya rotondifolia
Dovyalis macrocalyx
Drypetes gerrardii
Dyschoriste radicans
Eleusine indica
Eleusine coracana
Emilia sp.
Eragrostis ciliaris
Eragrostis patens
Erythrina abyssinica
Erythrococca bongensis
Euclea divinorum
Euclea latidens
Euphorbia crotonoides
Euphorbia candelabrum
Euphorbia hirta
Ficus brachypoda
Ficus glumosa
Ficus ingens
Ficus natalensis
Ficus ovata
Ficus sycomorus
Ficus thonningii
Flacourtia indica
Flueggea virosa
Galinsoga parviflora
Gardenia ternifolia subsp. jovis-tonantis
Geophila repens
Gladiolus dalenii subsp. dalenii
Gladiolus psittacinus (see G. dalenii subsp. dalenii)
Gloriosa superba
Grewia bicolor
Grewia mollis
Grewia plagiophylla
Grewia similis
Grewia trichocarpa
Guizotia scabra
Gyanura scandens
Harrisonia abyssinica
Heeria reticulata (see Ozoroa reticulata)
Hewittia scandens
Hoslundia opposita
Hymenocardia acida
Hyparrhenia filipendula
Hyparrhenia rufa
Hypoestes sp.
Imperata cylindrical
Indigofera arrecta
Indigofera circinella
Ipomoea acuminata
Jasminum abyssinicum
Justicia exigua
Justicia flava
Kigelia aethiopica
Kigelia africana
Kyllinga alba
Kyllinga nervosa
Lactuca capensis
Lannea barteri
Lannea humilis
Lannea stuhlmanii
Lantana camara
Lantana trifolia
Leonotis nepetifolia
Lippia javanica
Lonchocarpus laxiflorus
Loudetia sp.
Makamia lutea
Mangifera indica
Manihot esculenta
Mariscus sieberianus
Maytenus senegalensis
Maytenus undata
Melhania velutina
Melinis repens
Melinis sp.
Microchloa kunthia
Micrococca mercurialis
Microglossa angolensis (see Conyza pyrrhopappa)
Milicia excelsa
Mondia whitei
Monechma subsessile
Oryza sativa
Oxalis sp.
Ozoroa reticulata
Panicum maximum
Paspalum sp.
Pennisetum polystachyon
Pennisetum purpureum
Pentarrhinum hispidum

Pentanisia ouranogyne
Pentas longiflora
Phyllanthus fraternus subsp. togoensis
Phyllanthus niruri (see P. fraternus subsp. togoensis)
Phyllanthus nummulariifolius
Phyllanthus pseudoniruri
Phyllanthus sepialis
Physalis micrantha
Piliostigma thonningii
Polygala polygoniflora (see P. sadebeckiana)
Polygala sadebeckiana
Pseudarthria hookeri
Pseudocedrella kotschyi
Psidium gayava
Psorospermum febrifugum
Pycreus macranthus
Rhus natalensis
Rhus vulgaris
Rhynchelytrum repens (see Melinis repens)
Ruellia patula
Sclerocarya birrea
Securidaca longipedunculata
Senecio discifolius
Senna siamea
Setaria homonyma
Setaria sphacelata
Setaria verticillata
Sida acuta
Sida ovata
Sida pilosa
Sida rhombifolia
Sida veronicifolia (see S. pilosa)
Solanum incanum
Solanum nigrum
Sonchus oleraceus
Sorghum vulgare
Spathodea campanulata
Spermacoce princeae
Spilanthes mauritiana
Sporobolus pyramidalis
Steganotaenia araliacea
Stereospermum kunthianum
Strychnos innocua
Strychnos spinosa
Synedrella nodiflora
Tamarindus indica
Tapura fischeri
Teclea nobilis
Tephrosia holstii
Tephrosia linearis
Tephrosia nana
Tephrosia uniflora
Terminalia brownii
Terminalia velutina
Themeda triandra
Thevetia peruviana
Thunbergia alata
Tinea aethiopica
Tithonia diversifolia
Toddalia asiatica
Toona ciliata
Trichilia prieuriana
Tridax procumbens
Triumfetta macrophylla
Triumfetta rhomboidea
Tylosema fassoglensis
Urena lobata
Vangueria apiculata
Vernonia amygdalina
Vernonia lasiopus
Vigna luteola
Vitellaria paradoxa
Vitex doniana
Ximenia americana
Zea mays
Zebrina pendula
Ziziphus mauritiana
Ziziphus mucronata
Zornia pratensis