



W. A. S. S. S.

## ERRATA.

Through a printer's error plate VI is marked  
plate VII and plate VII is marked plate VI.







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# ILLUSTRATIONS OF AFRICAN LYCÆNIDÆ

BEING

PHOTOGRAPHIC REPRESENTATIONS OF  
TYPE SPECIMENS CONTAINED IN THE  
IMPERIAL ZOOLOGICAL MUSEUM  
AT BERLIN

BY

HAMILTON H. DRUCE, F.L.S., ETC.

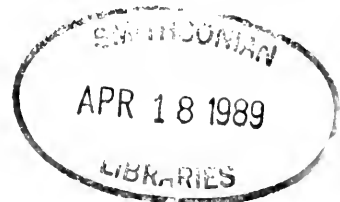
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## PREFACE.

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BY the kindness of the Director of the Imperial Zoological Museum at Berlin, I have been able to obtain a series of photographs of type specimens of *Lycanida* described by Herr E. SUFFERT and by Dr. F. KARSCH, which are in the possession of the Museum, and it is with his consent that I am now publishing them. I have added the reference to the original description in each case, and in some my own opinion as regards the synonymy.

The locality mentioned immediately after the reference is that given by the author when describing his species.

H.H.D.

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16 *new*

# PLATE I.

LARINOPODA EMILIA (f. 1, 6a)

LARINOPODA EMILIA (Suffert, Iris xv, p. 48, 1904) (S. Cameroons)

We possess a large series of this insect from Bitje (Ju River, Cameroons, collected by Mr. G. F. BYRNS in the wet and dry seasons) and also from the Upper Kasai District of the Congo Free State, sent by Herr P. Landbeck.

The hind-wing in both sexes is entirely white, with a very black marginal border on both surfaces.

PSEUDERESIA CARLOTTA (f. 2, 2a)

PSEUDERESIA CARLOTTA (Suffert, Iris xv, p. 49, 1904) (N. Cameroons)

Mr. Byrns obtained this species in the dry season. The dorsal coloration is a reddish brown, and the orange, which does not appear in the photograph, is the photogenic process by which it is produced.

TELIPNA ACROEA NIGRA (f. 3, 3a)

TELIPNA ACROEA NIGRA (Suffert, Iris xvii, p. 32, 1904) (N.W. Cameroons)

TELIPNA ERICA (f. 4, 4a)

TELIPNA ERICA (Suffert, Iris xvii, p. 41, 1904) (Barombi Station, Cameroons)

We have this also from the Upper Kasai District of the Congo Free State (P. LANDBECK)

PENTILA MARIANNA (f. 5, 5a)

PENTILA MARIANNA (Suffert, Iris xvii, p. 43, 1904) (Cameroons)

Does not differ from *Pentila rubra* Hew. Exot. Butt., *Pentila* and *Ligona*, t. 2, f. 5, p. 30, and must be sunk as a synonym.



## PLATE II.

PENTILA HEDWIGA. f. 1, 1a.

PENTILA HEDWIGA. Suffert. Iris xvii, p. 43, 1904. Cameroons

This = *P. maculata* Kirby Anns. Mag. Nat. Hist. ser. 5, v. 19, p. 363 (1887)  
which PROFESSOR AURIVILIUS considers to be a variety of *P. abraxas*. D. & H.

PENTILA CHRISTINA. f. 2, 2a.

PENTILA CHRISTINA. Suffert. Iris xvii, p. 45, 1904. Cameroons

PENTILA ELFRIEDA. f. 3, 3a.

PENTILA ELFRIEDA. Suffert. Iris xvii, p. 46, 1904. Mukenge, Central Africa.

Does not differ from *Pentila cloctensi* Auriv. Ent. Tidskr. 18, p. 214, f. 3  
(1897) and must be sunk as a synonym. We possess a large series of this  
insect from the Congo, and I find considerable variation as to the size of the  
black apical patch on the fore-wing.

PENTILA YAUNDA. f. 4, 4a.

PENTILA YAUNDA. Karsch. Ent. Nachr. 21, p. 292 (1895). Cameroons.

This again is nothing but *P. maculata* Kirby = *P. abraxas*. D. & H.

PENTILA AUGA. f. 5, 5a.

PENTILA AUGA. Karsch. Ent. Nachr. p. 293 (1895). Cameroons.

Mr. G. L. BATES captured a series of this insect at Bitje, Ja River,  
Cameroons, but in the wet season only.



## PLATE III.

LIPTENA MARGARITA . . . f. 1, 1a.

LIPTENA MARGARITA . . . Sibiria. Ent. vol. p. 51, 19. . . f. 1, 1a.

An example of this well known *L. margarita* Hew. (Exot. Brit. *Dipt.* and *Liptena*, t. 1, f. 5 (1866)), and must be ranked as a synonym.

LIPTENA AUGUSTA . . . f. 2, 2a.

LIPTENA AUGUSTA . . . Sibiria. Ent. vol. p. 51, 19. . . f. 2, 2a.

Described as *Liptena* by Hew. (*Exot. Brit. Dipt.* ser. 6, v. 16, p. 23, pl. 2, f. 18 (1866)) under the name of *Liptena* because of contrast with previous.

EPITOLA MUS. . . . f. 3, 3a.

EPITOLA MUS. . . . Sibiria. Ent. vol. p. 51, 19. . . Cameracens.

EPITOLA MERCEDES. . . . f. 4, 4a.

EPITOLA MERCEDES. . . . Sibiria. Ent. vol. p. 53, 19. . . Cameracens.

EPITOLA CONCEPCION . . . f. 5, 5a.

EPITOLA CONCEPCION . . . Sibiria. Ent. vol. p. 53, 19. . . Cameracens.

CUPIDO SOALALICUS . . . f. 6, 6a.

CUPIDO SOALALICUS . . . *Exot. Brit. Dipt.* ser. 1, vol. 1, p. 109. . . West. Macaguen.

Appears to be a *Chalcid* (*Ich.* p. 75) conceivably by Dr. Karsch.

LACHNOCNEMA BRIMO. . . . f. 7, 7a.

LACHNOCNEMA BRIMO. . . . Xanth. Brit. vol. p. 217 (1871). . . Bismarckburg.

CUPIDO KONTU. . . . f. 8, 8a.

CUPIDO KONTU. . . . Karsch. *Verz.* p. 12 (1873). . . Bismarckburg.

Treated by Professor A. Karsch as a synonym of *C. v. thalassiana* Hew. (*Exot. Brit. Dipt.* t. 1, p. 611, 73).





## PLATE IV.

DEUDORIX ANGELITA. f. 1, 1a.

DEUDORIX ANGELITA Suffert Iris xvii, p. 56, 1904. Female. S. Cameroons.

We have specimens captured by Mr. BATES at Bitje, Ja River, Cameroons, in the dry and wet seasons.

Mr. BETHUNE-BAKER has recently described and figured the male under the name *Deudorix makala* (P.Z.S. 1908, p. 111, pl. ix, f. 4).

DIOPETES AUCTA. f. 2, 2a.

DIOPETES AUCTA Karsch Ent. Nachr. 21, p. 318 (1895), Togo. (Bismarckburg).

Sierra Leone would appear to be the headquarters of this form as we have received large numbers from that district. Mr. BATES has taken it sparingly at Bitje, Ja River. The true *D. deritas* Hew comes from Angola and the Congo regions.

DERITAS CATALLA. f. 3, 3a.

DERITAS CATALLA Karsch Ent. Nachr. 21, p. 318 (1895). Togo.

Mr. BATES obtained a good series at Bitje, Ja River, Cameroons, 2,000 ft.

ACTIS ULA f. 4, 4a.

ACTIS ULA Karsch Ent. Nachr. 21, p. 316 (1895). Congo.

We have this from Bitje, Ja River, Cameroons (Bates). It is allied to *Kopelates virgata* mhl. Anns. Mag. Nat. Hist. ser. 6, vol. vii, p. 375 (1891) and on the underside is much like it, but on the upper-side the blue is of a purple shade, and the internervular spaces are not black.



## PLATE V.

SYRMOPTERA MELANOMITRA. f. 1, 1a.

SYRMOPTERA MELANOMITRA Karsch. Ent. Nachr. 21, p. 308 (1895)  
Cameroons. Described as female.

The type is a male and scarcely differs from that sex of *S. homyeri* De witz, Nov. Acta Acad. N. Cur. 41, 2, p. 206, t. 26, f. 13 (1879). The female however, differs considerably from *S. homyeri* female by having the anal area of the hind-wing broadly suffused with orange. Mr. BATES obtained both sexes at Bitje, Ja River, in both wet and dry seasons, and we also possess both sexes of *S. homyeri* from Afikpo, N. Nigeria.

DEUDORIX DIEDEN. f. 2, 2a.

DEUDORIX DIEDEN Karsch. Ent. Nachr. xxvi, p. 369 (1900) West Madagascar.

Very close, perhaps too close, to *D. leonia* Mabille Bull. soc. zool. Fr. 3, p. 83 (1878).

HYPOMYRINA ACARES. f. 3, 3a.

DENDORIX ACARES Karsch. B.E.Z. 38, p. 219 (1893) Togo.

Possibly a form of *H. nomenia* Hew. Trans. Ent. Soc. 1874, p. 353. PROFESSOR AURIVILIUS treats it as distinct. We have specimens, agreeing exactly with the figure of Dr. KARSCH's type, captured by Sir ALFRED MOLONEY at Lagos.

HYPOMYRINA PERIGRAPHA. f. 4, 4a.

HYPOMYRINA PERIGRAPHA Karsch. Ent. Nachr. 21, p. 313 (1895) Congo.

ACTIS MIMETA. f. 5, 5a.

ACTIS MIMETA. Karsch. Ent. Nachr. 21, p. 315 (1895) Congo.

Mr. G. L. BATES captured this beautiful little insect at Bitje, Ja River, Cameroons, 2,000 ft., in the dry season, and HERR P. LANDBECK has sent it from the Upper Kasai district of the Congo Free State. The plate does not shew the broad bright orange costal margin to the hind-wing above owing to the photographic process, but it should be easily identified from the figure of the under-side (5a).



## PLATE VI

IOLAUS MATILDA. f. 1, 1a.

IOLAUS MATILDA. Suffert. Iris xvii, p. 64, 1904. Togo.

Does not differ from *Argiolasius tilus* Hew. Ill. Diur. Lep. Suppl., p. 9, pl. iv, f. 41-43 (1869), and must be placed as a synonym.

IOLAUS THURAU. f. 2, 2a.

IOLAUS THURAU. Suffert. Iris xvii, p. 67, 1904. Fogo.

This is the well known *Iolus helius* Fab. Spec. Ins. ii, p. 112, No. 489 (1781) which occurs all over tropical W. Africa.

IOLAUS BARBARA. f. 3, 3a.

IOLAUS BARBARA. Suffert. Iris xvii, p. 62, 1904. Cameroons.

! unknown to me.

IOLAUS ÆTHRIA. f. 4, 4a.

IOLAUS ÆTHRIA. Karsch. B. E. Z. 38, p. 229 (1893). Togoland.

Apparently very closely allied to the preceding.



## PLATE VII.

IOLAUS SILAS LASIUS. f. 1, 1a.

IOLAUS SILAS LASIUS Suffert. Iris xvii, p. 70, 1904, female Koude-Unyika,  
North Nyassa Lake.

IOLAUS EMMA. f. 2, 2a.

IOLAUS EMMA. Suffert. Iris xvii, p. 69, 1904 Bismarckburg, Togo.

Appears to be very nearly allied to *Ephmera laon* Hew. Ill. Diur. Lep. Supp.  
p. 28, pl. iva, f. 46, 47 (1878) the male of which has been correctly identified by  
PROFESSOR ACRIVILIUS, but is without the broad dark apex to the fore-wing  
below.

IOLAUS ELISA. f. 3, 3a.

IOLAUS ELISA Suffert. Iris. xvii, p. 65, 1904 Misahohe, Togo.

This must be sunk as a synonym of my *Argiclaeus pauperata* Auns. Mag.  
Nat. Hist., ser. 6, v. p. 30 (1890); the type of which exactly resembles the  
figure here given on both surfaces.

IOLAUS BERTHA. f. 4, 4a.

IOLAUS BERTHA. Suffert. Iris xvii, p. 66, 1904. Kete Kratji, Togo.

I can find nothing to distinguish this from the well known *Ephmera usis*  
Hew. Ill. Diur. Lep., p. 42, t. xix, f. 11-12 (1867) which has an extended  
range, and consider it a synonym of that species.





## PLATE VIII

EPAMERA DIAMETRA. f. 1, 1a.

EPAMERA DIAMETRA Karsch. Ent. Nachr. 21, p. 300 (1895). North Usimbura.

The type which is a female does not seem to be distinguishable from *Epamera aphnoides* Trimen. Trans. Ent. Soc. 1873, p. 110.

PROFESSOR AURIVILIUS was unacquainted with *T. diametra* at the time he published his *Rhopalocera Ethiopica* (1888).

CUPIDO VICTORLE. f. 2, 2a.

CUPIDO VICTORLE Karsch. Ent. Nachr. 21, p. 300 (1895). Female. Kitoto, British East Africa.

CUPIDO QUASSI. f. 3, 3a.

POLYOMMATUS QUASSI Karsch. Ent. Nachr. 21, p. 305 (1895). Togoland.

OBORONIA BUERONICA. f. 4, 4a.

OBORONIA BUERONICA Karsch. Ent. Nachr. 21, p. 304 (1895). Usimbura.

Very near to *Oboronia gussfeldti* Dewitz, N. Act. Acad. N. Cur. 41, 2, p. 206, t. 26, f. 12 (1879). The figure shows a discal row of faint spots on the hind-wing below which is not present in *O. gussfeldti*.

OBORONIA PLURILIMBATA. f. 5, 5a.

THERMONIPHAS PLURILIMBATA Karsch. Ent. Nachr. 21, p. 303 (1895). Congo.

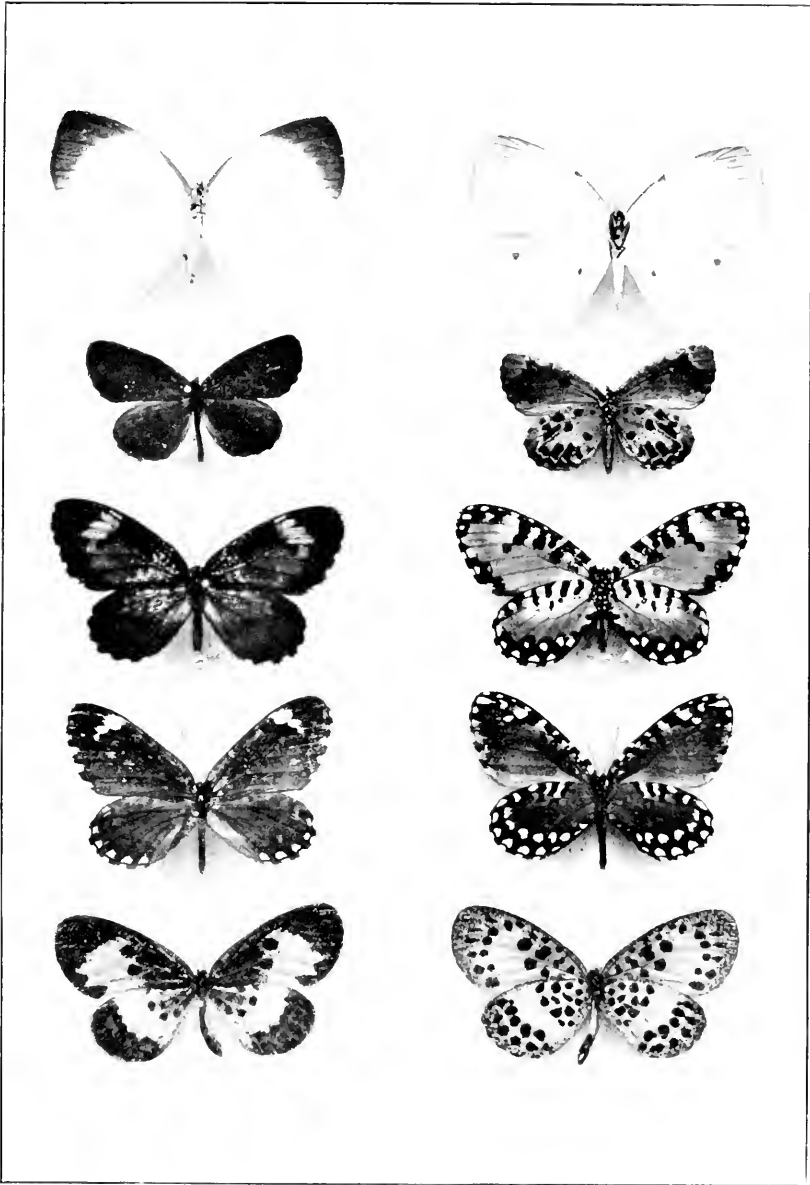
We have a single specimen from the Upper Kasai District of the Congo Free State agreeing with this figure.

## EXPLANATION OF PLATE I.

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1	LARINOPODA EMILIE.	Suffert	...	upper-side p. 5
1a	„ „	„	...	under-side „
2	PSEUDERESIA CARLOTA	„	...	upper-side „
2a	„ „	„	...	under-side „
3	TELIPNA ACROEA NIGRA.	„	...	upper-side „
3a	„ „	„	...	under-side „
4	„ ERICA	„	...	upper-side „
4a	„ „	„	...	under-side „
5	PENTILA MARIANNA	„	...	upper-side „
5a	„ „	„	...	under-side „

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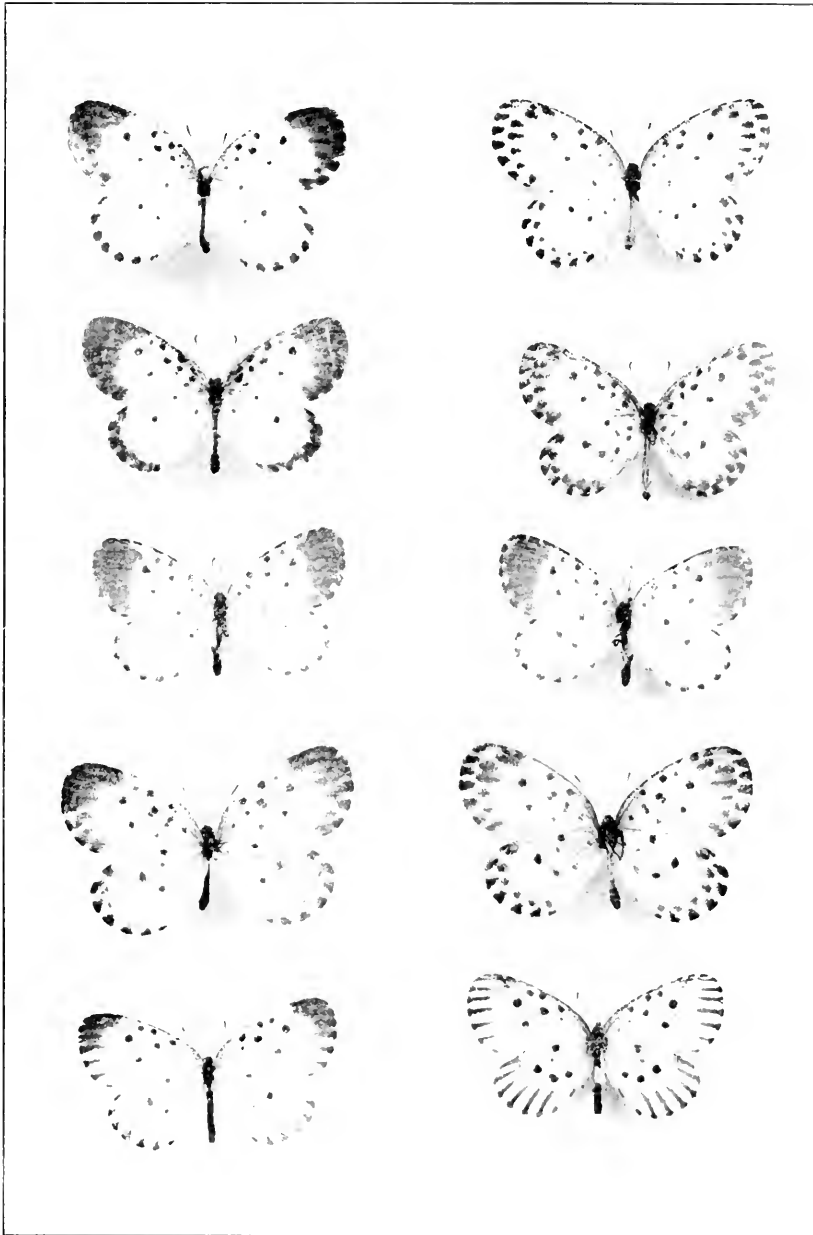
AFRICAN LYCAENIDE.

## EXPLANATION OF PLATE II

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1	PENTILA HEDWIGA.	Suffert	...	upper-side p. 7
1a	" "	"	...	under side "
2	" CHRISTINA.	"	...	upper-side "
2a	" "	"	...	under-side "
3	" ELFRIDA.	"	...	upper-side "
3a	" "	"	...	under-side "
4	" VAUNDA.	Karsch	...	upper-side "
4a	" "	"	...	under-side "
5	" AUGA.	"	...	upper-side "
5 <sup>R</sup>	" "	"	...	under-side "

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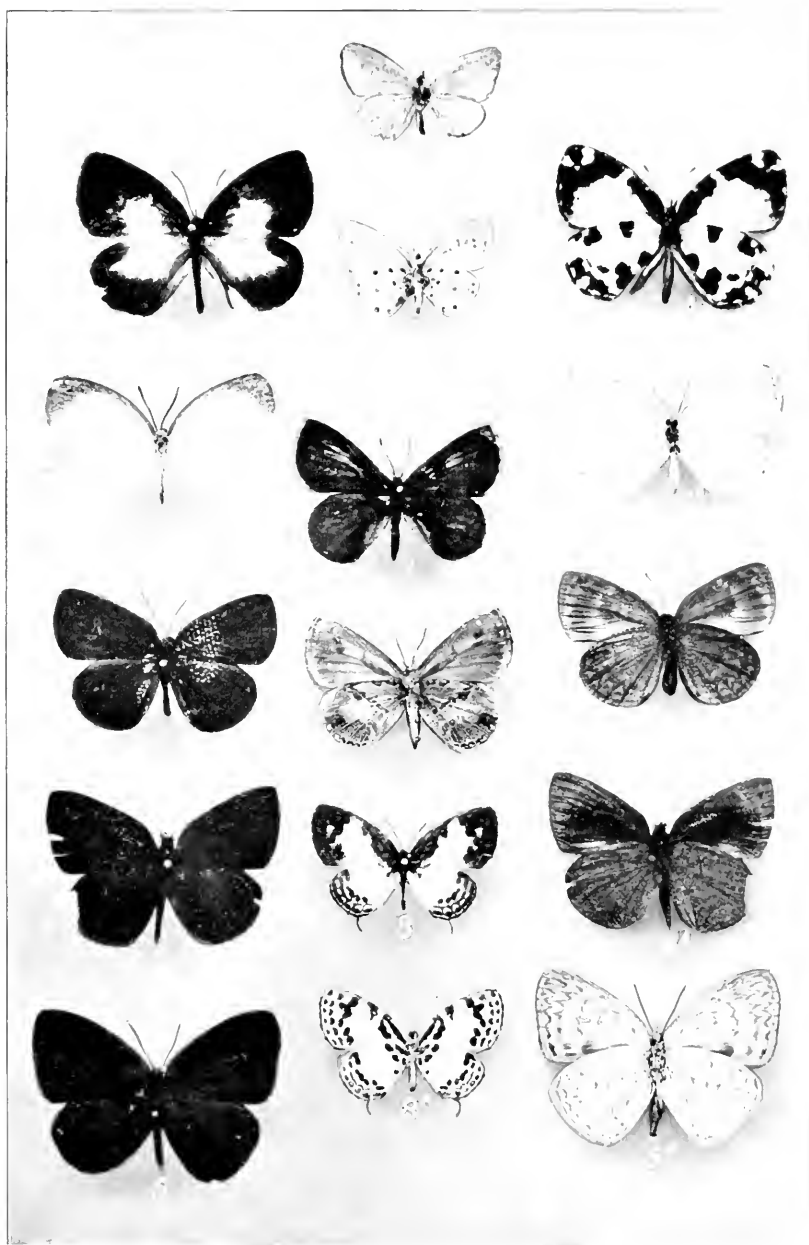
AFRICAN LYCENIDÆ.

## EXPLANATION OF PLATE III.

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1	LIPTENA MARGARITA.	Suffert	...	upper-side p. 9
1a	„ „	„	...	under-side „
2	„ AUGUSTA.	„	...	upper-side „
2a	„ „	„	...	under-side „
3	EPITOLA MUS.	„	...	upper-side „
3a	„ „	„	...	under-side „
4	„ MERCEDES.	„	...	upper-side „
4a	„ „	„	...	under-side „
5	„ CONCEPCION.	„	...	upper-side „
5a	„ „	„	...	under-side „
6	CUPIDO SOALALICUS.	Karsch	...	upper-side „
6a	„ „	„	...	under-side „
7	LACHNOCNEMA BRIMO.	„	...	upper-side „
7a	„ „	„	...	under-side „
8	CUPIDO KONTU	„	...	upper-side „
8a	„ „	„	...	under-side „

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AFRICAN LYCAENIDÆ.

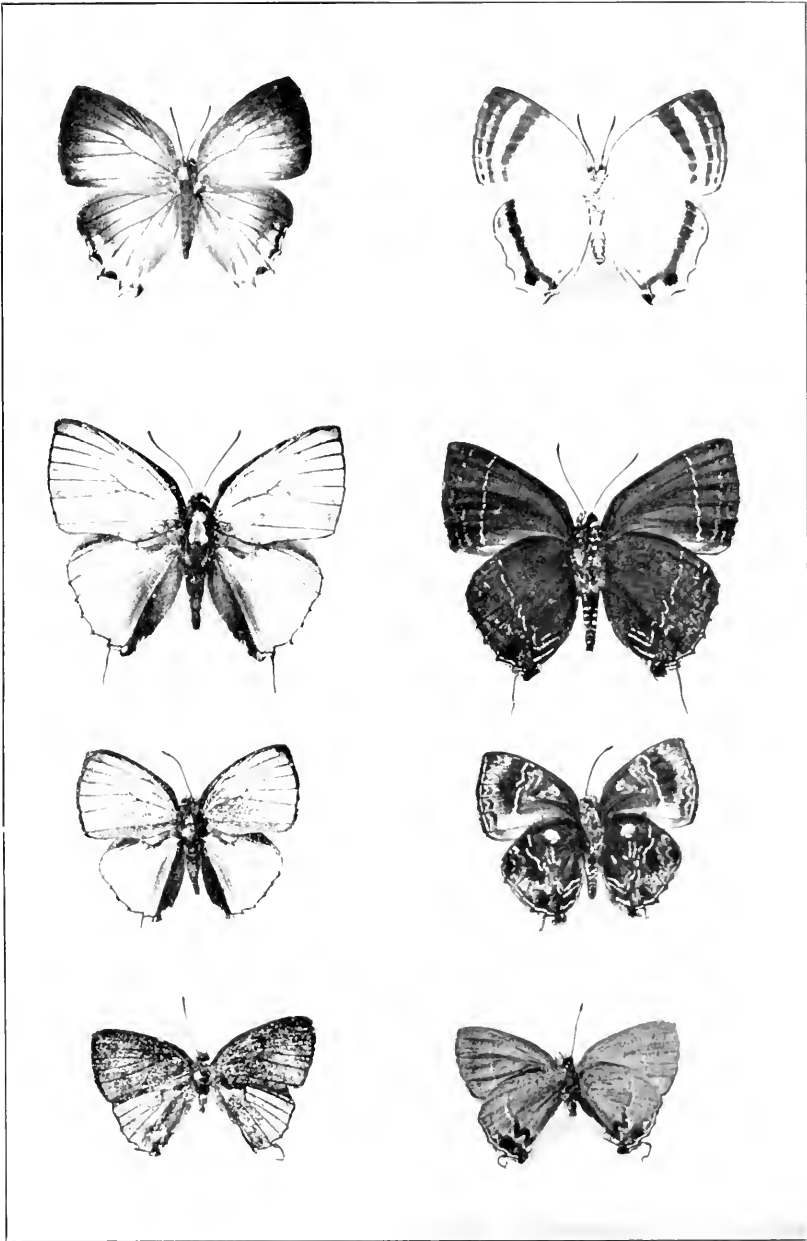
## EXPLANATION OF PLATE IV.

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1	DEUDORIX ANGELITA.	Suffert	...	upper-side p. 11
1a	„ „	„	...	under-side „
2	DIOPETES AUCTA.	Karsch	...	upper-side „
2a	„ „	„	...	under-side „
3	„ CATALLA.	„	...	upper-side „
3a	„ „	„	...	under-side „
4	ACTIS ULA.	„	...	upper-side „
4a	„ „	„	...	under-side „

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AFRICAN LYCAENIDÆ.

## EXPLANATION OF PLATE V.

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1	SYRMOPTERA MELANOMITRA. Karsch	...	upper-side p. 13
1a	" " "	...	under-side "
2	DEUDORIX BIEDEN.	"	upper-side "
2a	" "	"	under-side "
3	HYPOMYRINA ACARES.	"	upper-side "
3a	" "	"	under-side "
4	" PERIGRAPHA.	"	upper-side "
4a	" "	"	under-side "
5	ACTIS MIMETA.	"	upper-side "
5a	" "	"	under-side "

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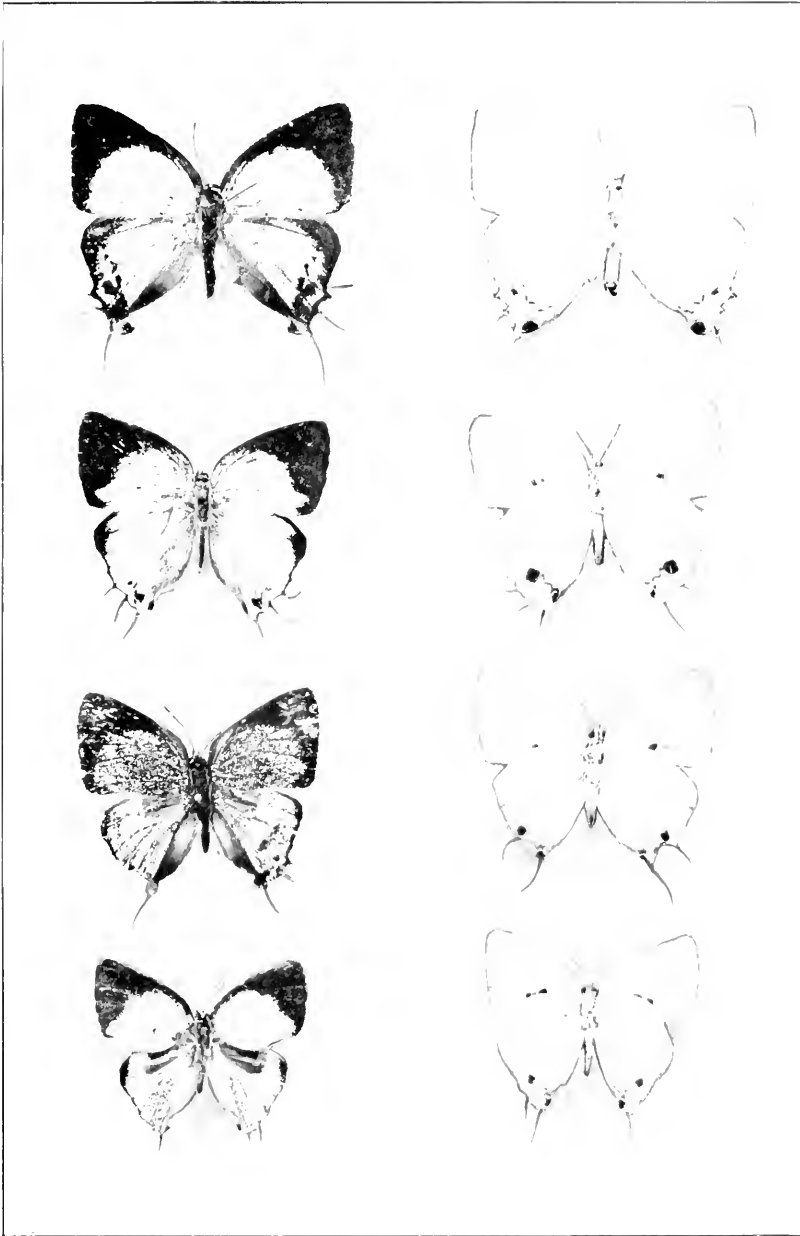
AFRICAN LYCAENIDÆ.

## EXPLANATION OF PLATE VI

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1	IOLAUS MATILDA.	Suffert	...	upper-side p. 15
1a	" "	"	...	under-side ,,
2	" THURANI.	"	...	upper-side ,,
2a	" "	"	...	under-side ,,
3	" BARBARA.	"	...	upper-side ,,
3a	" "	"	...	under-side ,,
4	" CETHRIA.	Karsch	...	upper-side ,,
4a	" "	"	...	under-side ,,

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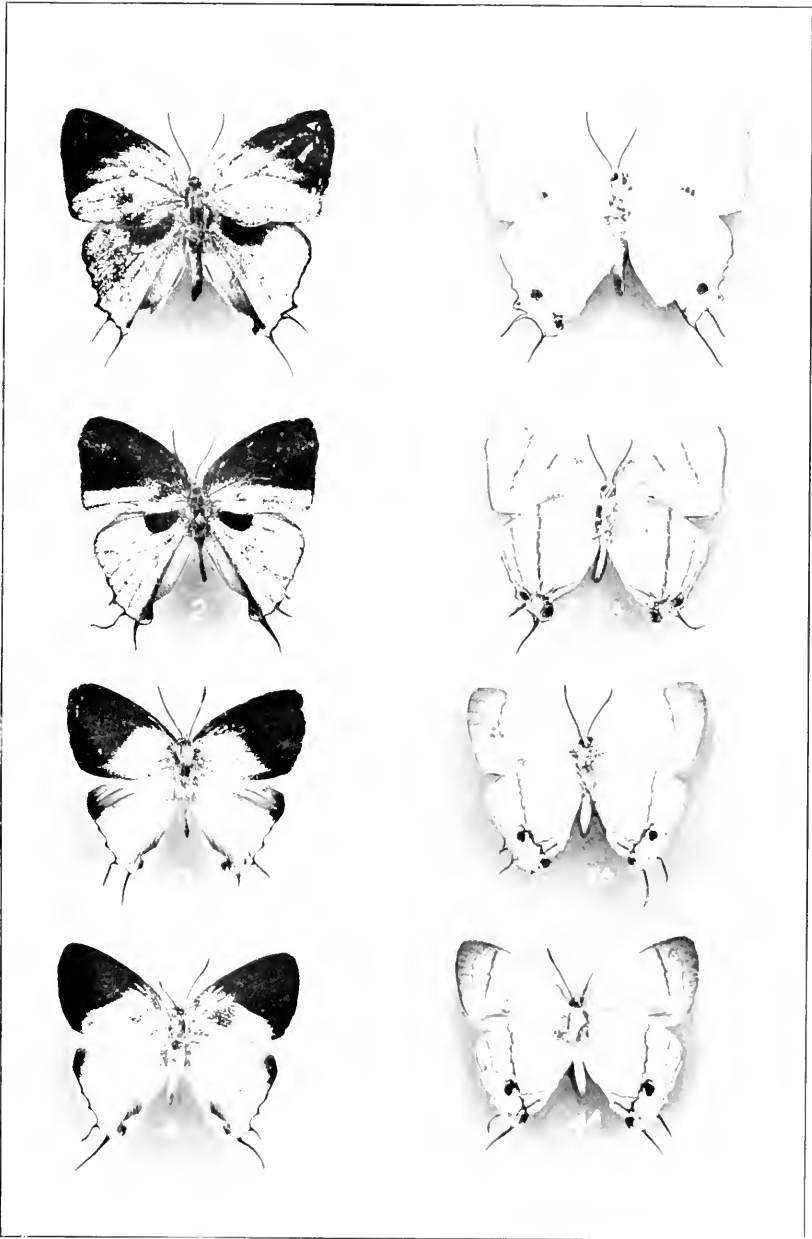
AFRICAN LYCAENIDÆ.

## EXPLANATION OF PLATE VII.

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1	IOLAUS SILAS LASIUS.	Stuffert	...	upper-side p. 17
1a	„ „ „	„	„	under-side „
2	„ EMMA.	„	...	upper-side „
2a	„ „	„	...	under-side „
3	„ ELISA.	„	...	upper-side „
3a	„ „	„	...	under-side „
4	„ BERTHA.	„	...	upper-side „
4a	„ „	„	...	under-side „

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AFRICAN LYCENIDE

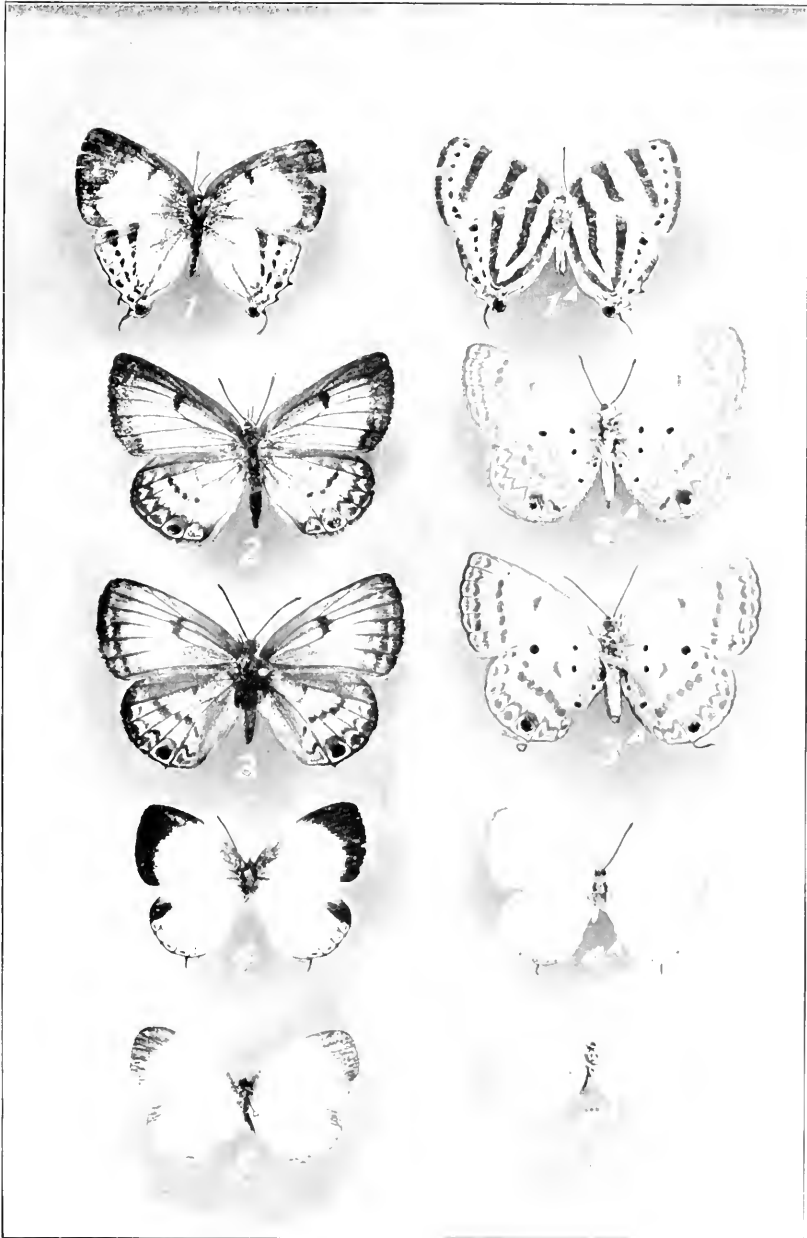
## EXPLANATION OF PLATE VIII.

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1	EPAMERA DIAMETRA.	Karsch	...	upper-side p. 19
1a	„ „	„	...	under-side „
2	CUPIDO VICTORLE.	„	...	upper-side „
2a	„ „	„	...	under-side „
3	„ QUASSI.	„	...	upper-side „
3a	„ „	„	...	under-side „
4	OBORONIA BUERONICA.	„	...	upper-side „
4a	„ „	„	...	under-side „
5	„ PLURILIMBATA	„	...	upper-side „
5a	„ „	„	...	under-side „

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AFRICAN LYCAENIDÆ.













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