

LIST OF THE LEPIDOPTERA COLLECTED IN KASHMIR  
BY DR. W. L. ABBOTT.

By W. J. HOLLAND, Ph. D.

THE small collection of lepidoptera transmitted to me for determination by the authorities of the United States National Museum is interesting mainly because it adds slightly to our knowledge of the range of two or three species, which, while belonging to the region of which Kashmir forms a part, have not been hitherto distinctly recorded as found there.

Suborder RHOPALOCERA.

Subfamily DANAINÆ.

Genus DANAIS. Latreille.

DANAIS CHRYSIPPUS, Linnæus.

Four typical specimens. Below 5,000 feet.

DANAIS LIMNIACE, Cramer.

Two examples. Below 5,000 feet.

Subfamily SATYRINÆ.

Genus MANIOLA, Schrank.

MANIOLA KASHMIRICA, Moore.

*Maniola kashmirica*, MOORE, Lep. Ind., II, p. 51, pl. 101, fig. 2.

One mutilated specimen. Below 5,000 feet.

Genus CALLEREBIA, Butler.

CALLEREBIA DAKSHA, Moore.

*Callerebia daksha*, MOORE, Proc. Zool. Soc. Lond., 1874, p. 266, pl. XLIII, fig. 1; Lep. Ind., II, pl. 117, figs. 2, 2a.

Three specimens. Below 5,000 feet.

## Family NYMPHALINÆ.

Genus MELITÆA, Fabricius.

## MELITÆA BALBITA, Moore.

*Melitaa balbita*, MOORE, Proc. Zool. Soc. Lond., 1874, p. 268, pl. XLIII, fig. 5.

One broken specimen. Below 5,000 feet.

Genus ARGYNNIS, Fabricius.

## ARGYNNIS CHILDRENI, Gray.

One specimen taken below 5,000 feet.

## ARGYNNIS KAMALA, Moore.

Two specimens. Below 5,000 feet.

## ARGYNNIS JAINADEVA, Moore.

A male and a female. Below 5,000 feet.

## ARGYNNIS JERDONI, Lang.

Nine specimens. Below 5,000 feet.

Genus PYRAMEIS, Hübner.

## PYRAMEIS CARDUI, Linnæus.

Three examples. 5,000–10,000 feet.

Genus VANESSA, Fabricius.

## VANESSA KASCHMIRENSIS, Kollar.

Five examples. Below 5,000 feet.

## VANESSA CANACE, Linnæus.

One specimen. Above 5,000 feet.

## Subfamily LIBYTHLÆINÆ.

Genus LIBYTHEA, Fabricius.

## LIBYTHEA LEPITA, Moore.

Three specimens. Below 5,000 feet.

## Family LYCÆNIDÆ.

Genus LYCÆNA, Fabricius.

## LYCÆNA MEDON, Hübner.

One example, female. Over 5,000 feet.

## LYCÆNA ARIANA, Moore.

A male and a female. 5,000–10,000 feet.

## LYCÆNA OMPHISSA, Moore.

There are two examples, a male and apparently a female, which I refer with some doubt to this species. They appear to correspond in most particulars with the description given by Moore, and with what is recorded in reference to the species by De Niceville in his work upon the Butterflies of India.<sup>1</sup> Below 5,000 feet.

## LYCÆNA GALATHEA, Blanchard.

Four males and one female. Below 5,000 feet.

## Genus CYANIRIS, Dalman.

## CYANIRIS COELESTINA, Kollar.

Two examples. 5,000-10,000 feet.

## Genus THECLA, Fabricius.

## THECLA SASSANIDES, Kollar.

Six specimens. Below 5,000 feet.

## Genus CHRYSOPHANUS, Hübner.

## CHRYSOPHANUS PHLÆAS, Linnæus.

One specimen. Below 5,000 feet.

## Subfamily PIERINÆ.

## Genus PIERIS, Schrank.

## PIERIS DAPLIDICE, Linnæus.

Seven specimens. From below 5,000-10,000 feet.

## PIERIS BRASSICÆ, Linnæus.

Four specimens. From below 5,000-10,000 feet.

## PIERIS CANIDIA, Sparrmann.

Nine examples. Below 5,000 feet.

## Genus COLIAS, Fabricius.

## COLIAS EDUSA, var. MYRMIDONE, Esper.

There are two males and two females in the lot sent me for determination. They were mixed with the specimens of the following species by the curator of the Museum, who evidently regarded them as belonging to the same. Below 5,000-10,000 feet.

<sup>1</sup> Vol. III.

## COLIAS HYALE, Linnæus.

There are one male and four females in the lot sent me. From 5,000–10,000 feet. Eighteen specimens of *Colias* were sent home by Dr. Abbott.

Genus GONEPTERYX, Leach.

GONEPTERYX NEPALENSIS, Doubleday.

One male specimen. Below 5,000 feet.

Subfamily PAPILIONINÆ.

Genus PAPILIO, Linnæus.

PAPILIO MACHAON, Linnæus.

Two examples and a fragment of another. Below 5,000 feet.

PAPILIO PARIS, Linnæus.

Six specimens. Below 5,000 feet.

Suborder HETEROCERA.

Family SPHINGIDÆ.

Genus CEPHENODES, Hübner.

CEPHENODES HYLAS, Linnæus.

Three specimens. Below 5,000 feet.

Family ARCTIIDÆ.

Genus ARCTIA, Schrank.

ARCTIA PERORNATA, Moore.

One damaged specimen. Below 5,000 feet.

Genus CALLIMORPHA, Latreille.

CALLIMORPHA PRINCIPALIS, Kollar.

Three specimens. 5,000–10,000 feet.

Family GEOMETRIDÆ.

Genus URAPTERYX, Leach.

URAPTERYX EBULEATA, Guénéé.

One example. Over 5,000 feet.

Group PYRALES.

Genus NOTARCHA, Meyrick.

NOTARCHA AURANTIACALIS, Fischer von Röslerstamm.

One specimen. Over 5,000 feet.

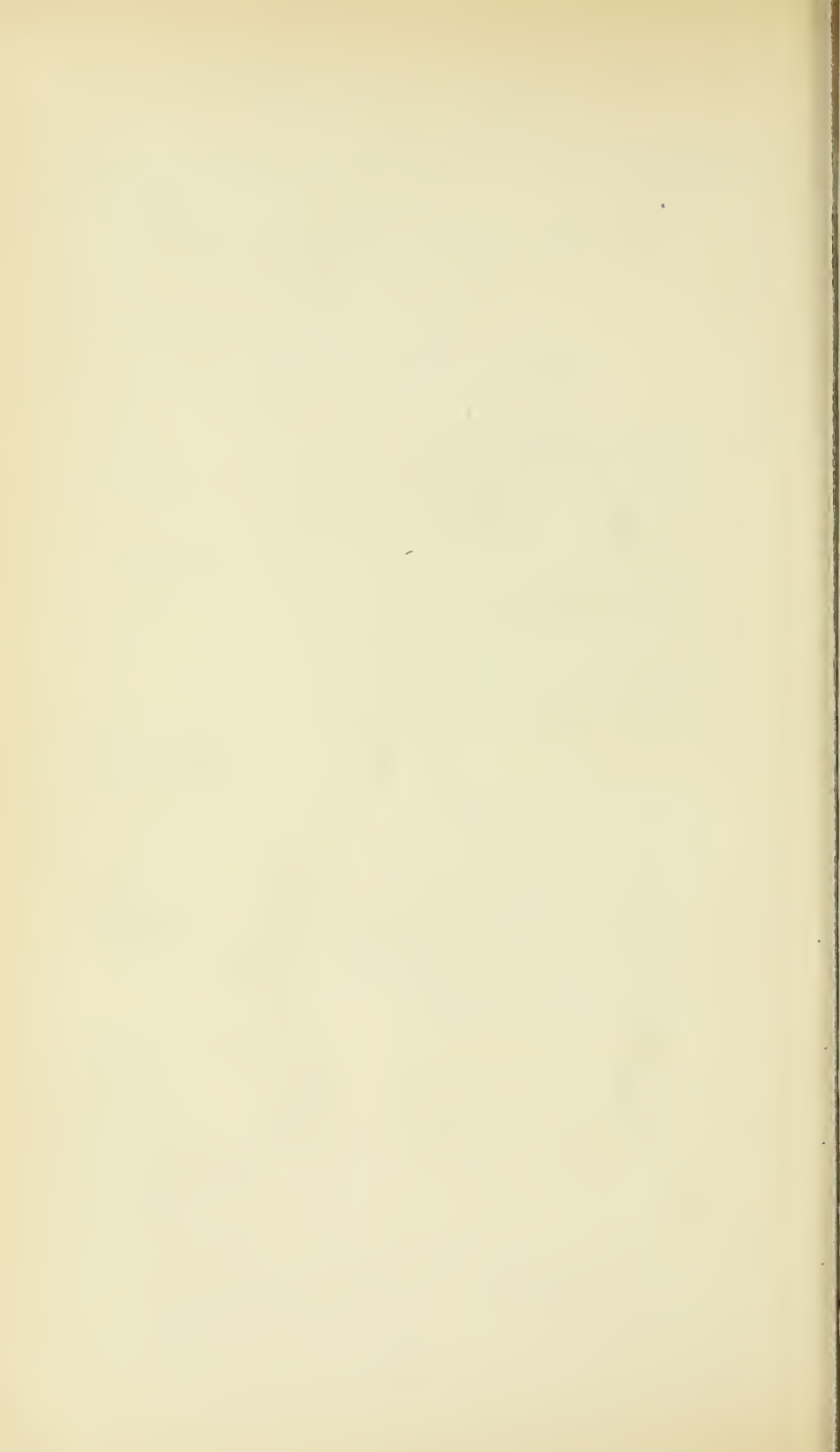
## EXPLANATION OF PLATES.

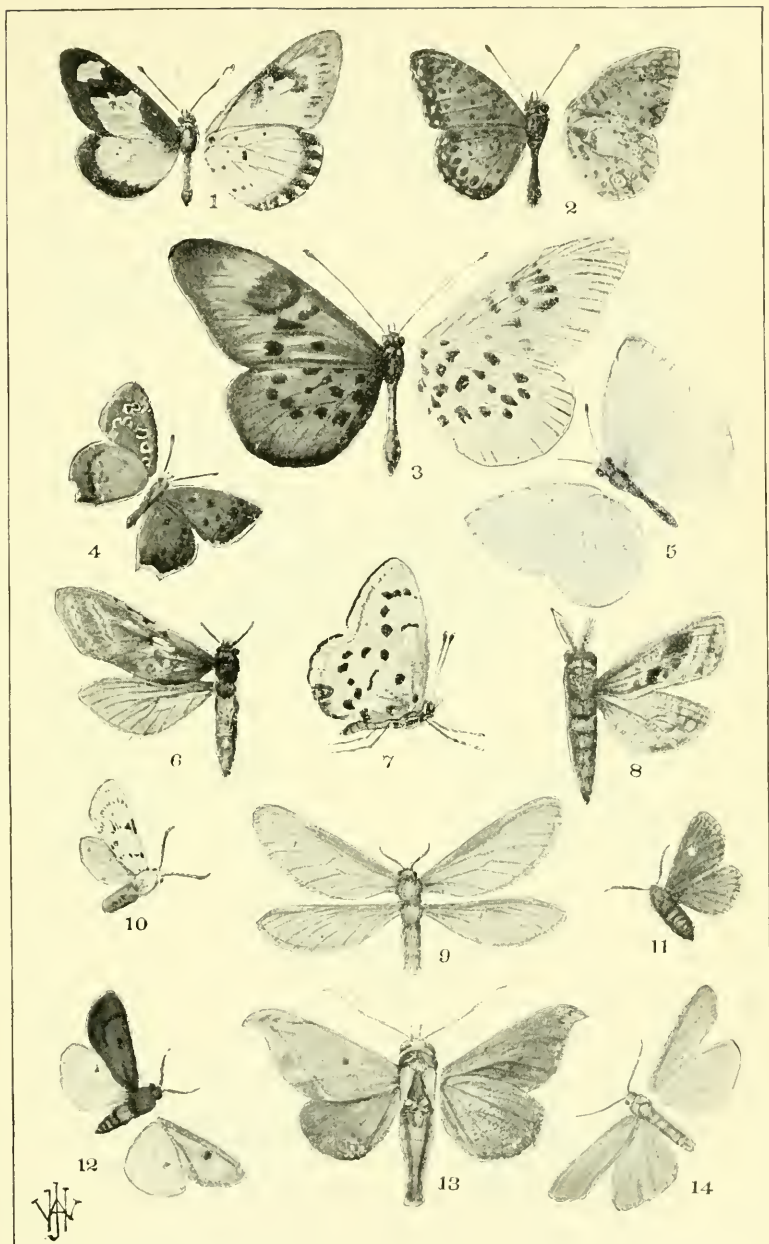
### PLATE VII.

- Fig. 1. *Acræa abbottii*, Holland.  
2. *Argynnis hanningtoni*, Elwes.  
3. *Acræa pharsalioides*, Holland.  
4. *Chrysophanus abbottii*, Holland.  
5. *Terias mandarinulus*, Holland.  
6. *Hepialus kenia*, Holland.  
7. *Lycæna perplehra*, Holland.  
8. *Dnomitius kilimanjarensis*, Holland.  
9. *Gorgopis abbottii*, Holland.  
10. *Alpenus trifasciata*, Holland.  
11. *Cosuma marginata*, Holland.  
12. *Teracotona clara*, Holland.  
13. *Ogovia tavetensis*, Holland.  
14. *Sozuza stevensii*, Holland.

### PLATE VIII.

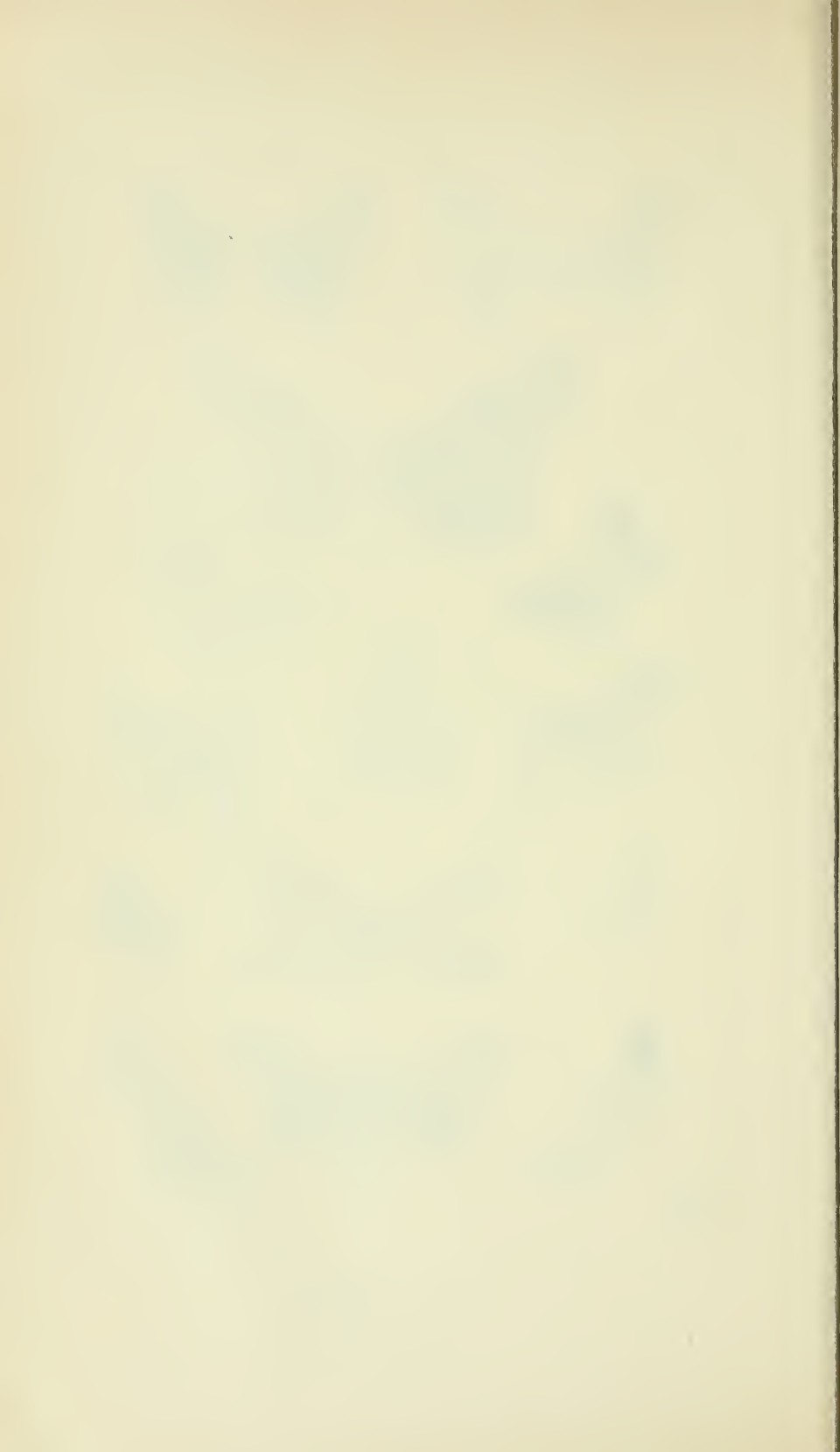
1. *Conservula minor*, Holland.  
2. *Calliodes pretiosissima*, Holland.  
3. *Metarctia inconspicua*, Holland.  
4. *Gonodela kilimanjarensis*, Holland.  
5. *Gonodela rhabdophora*, Holland.  
6. *Euplea mitra*, Moore.  
7. *Teracolus aldabrensis*, Holland, male.  
8. *Teracolus aldabrensis*, Holland, female.  
9. *Callosune evanthides*, Holland, male.  
10. *Achæa seychellarum*, Holland.  
11. *Atella seychellarum*, Holland.



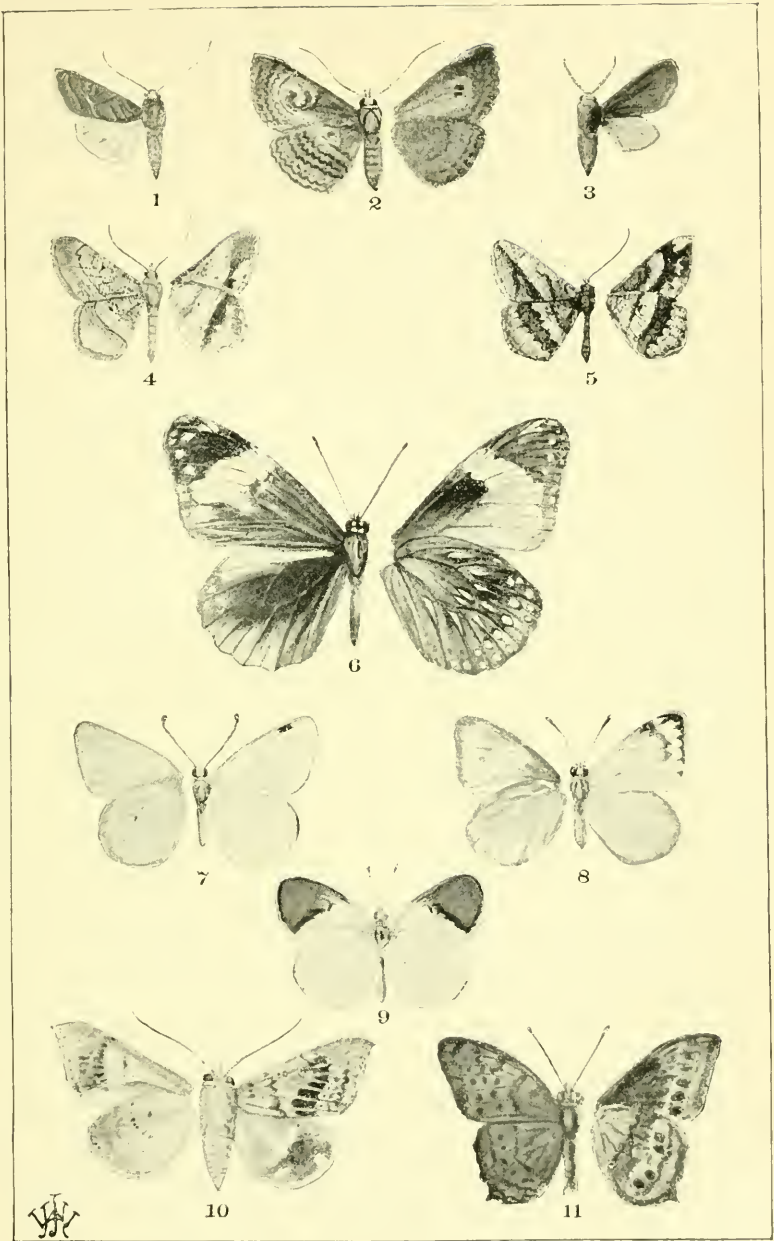


EAST AFRICAN LEPIDOPTERA  
Reduced one-tenth

FOR EXPLANATION OF PLATE SEE PAGE 279







EAST AFRICAN LEPIDOPTERA  
Reduced one-tenth

FOR EXPLANATION OF PLATE SEE PAGE 279