

**LIST OF THE SPECIMENS OF  
LEPIDOPTEROUS INSECTS IN THE  
COLLECTION OF THE BRITISH  
MUSEUM. PART I. - LEPIDOPTERA  
HETEROCERA**

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List of the Specimens of Lepidopterous Insects in the Collection of the British Museum. Part I. -  
Lepidoptera Heterocera by Francis Walker

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**FRANCIS WALKER**

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LIST  
OF THE  
SPECIMENS  
OF  
LEPIDOPTEROUS INSECTS  
IN  
THE COLLECTION  
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PART I.—LEPIDOPTERA HETEROCERA.

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## INTRODUCTION.

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THE principal object of the present Catalogue has been to give a complete list of the specimens of Lepidopterous Insects contained in the collection of the British Museum, indicating at the same time the peculiarities of each, as regards variation of character, locality, and the source from whence it has been derived. With this view, the different individuals of each species contained in the collection are indicated by the letters *a, b, c, &c.*, following the name of the species and its synonyms, and the description, if it appeared to have been before undescribed.

This part of the Catalogue of Lepidopterous Insects has been prepared and the new species described by Mr. FRANCIS WALKER, so well known for his attention to this order of Insects.

The continuation is in hand, and will follow as soon as it is completed.

JOHN EDWARD GRAY.

*British Museum,  
January 28th, 1854.*

CATALOGUE  
OF  
LEPIDOPTERA HETEROCERA.

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Div. I. RHOPALOCERA.

Antennæ plus minusve ad apicem clavatæ. Alæ omnes insecti quiescentis erectæ, liberæ, retinaculo nullo. Ocelli nulli. Volatus diurnus.

Rhopalocera, *Boisd. et Lec. Icon. Lep.* 162; *Steph.*

Papilio, *Linna.*

Papilio et Hesperia, *Fabr.*

Papiliones, *Hübner.*

Lep. Diurna, Papilionides et Hesperides, p., *Latr. Gen.* iv. 186.

Ropalocera, *Dum. Cons. Gén.* 222.

Achalinoptera, p. (Papilionii, Nymphalij, Erycinii, et Hesperii), *Blanchard, Hist. Nat. Ins.* ii. 322; *Chenu, Enc. d'Hist. Nat. Pap.* 31.

Div. II. HETEROCERA.

Antennæ variabiles; prismaticæ, pectinatæ, serratæ, moniliformes, vel filiformes. Alæ nunquam per quietem erectæ; posticæ sæpius frenatæ. Ocelli in plerisque. Volatus modo diurnus, modo crepuscularis, sæpius nocturnus.

Heterocera, *Boisd. et Lec. Icon. Lep.* i. 39.

Achalinoptera, p. (Cydimonii), et Chalinoptera, *Blanchard, Hist. Nat. Ins.* ii. 322; *Chenu, Enc. d'Hist. Nat. Pap.* 232.

Sphinx et Phalæna, *Linna.*

Lep. Crepuscularia et Nocturna, *Latr. Gen.* iv.; *Duponchel.*

Closterocera, Nematocera et Chetocera, *Duméril.*

## Trib. 1. SPHINGII.

Larvæ subdiales, nudæ, antice plus minusve attenuatæ, sæpius cornu anali armatæ. Pupa cylindrico-conica, sæpissime nuda, rarius subfolliculata. Antennæ sublineares, prismaticæ, apice tenuiore piloso, maris subtus scobinæformes, fœminæ simpliciores. Palpi lati, obtusi, sæpius clypeo piloso arcte applicati. Alæ angustæ, deflexæ. Abdomen maximum, conicum.

Sphingides, *Boisd. Ind. Méth. Lep. Eur.* 45.

Sphinx, *Lin.*

Sphingidæ et Sesiidæ, *Leach; Steph.*

Sphingides, p., *Latr.; Duponch.*

Sphingides legitimæ, p., *Hüb.*

Lep. Crepuscularia, p., *Latr. Gen.* iv. 209.

Closterocera, p., *Dunéril.*

Sphingii, *Latr.; Blanch. Hist. Nat. Ins.* ii. 256; *Chenu, Enc. d'Hist. Nat. Pap.* 252.

Sphingidæ, p., *Swainson.*

Sphingiadæ et Macroglossiadæ, *Harris.*

The species of this, and of the following tribe, will be included in another catalogue.

## Tribe 2. SESII.

Larvæ vermiformes, decoloratæ, scutellatæ, in medulla fruticum vel radicum occulte degentes. Pupa postice spinulosa. Frons rotundata, squamosa, ocellis duobus distinctis munita. Alæ plus minusve hyalinæ, posticæ frenatæ. Abdomen cylindrico-conicum. Tibiæ posticæ valde calcaratæ. Volatus diurnus.

Ægeriidæ, *Steph. Ill. Brit. Ent. Haust.* i. 136.

Sesiaræ, *Boisd. Ind. Méth. Lep. Eur.* 41 (1840).

Trochiliidæ, *Westw. Hum. Brit. Moths,* i. 32.

Sphinx, p., *Lin.*

Sesia, *Fabr. Ent. Syst.* iii. 379.

Sphingides Hymenopteroides Sesiæ, *Hüb. Verz. Schmett.* 127.

Sesii, *Duponchel; Blanch. Hist. Nat. Ins.* ii. 251; *Chenu, Enc. d'Hist. Nat. Pap.* 236.

Zyganides, p., *Latr.; Dalm.*

Sesides, *Duponchel.*

Orthidæ, *Swainson.*

Ægeriadæ, *Harris.*



## Genus 1. THYRIS.

Palpi cylindrico-conici, ultra clypeum assurgentes, articulo ultimo acuminato, subnudo, apice submucronato. Antennæ graciles, fusiformes, in fœmina graciliores. Abdomen conicum. Tibiæ calcaratæ. Alæ horizontales, breves, denticulatæ, fimbria intersecta, hyalino-maculatæ.

*Thyris*, Illiger; Latr.; God.; Hoffm.; Ochs. Boisd. Mon. Zyg. 16; Blanchard; Crochard; Chenu.

*Phalæna*, p., Scopoli.

*Sphinx*, p., Fabr.; Hübn.; Borkh.; Wien. Verz.; Esper; Rossi, Sesia, p., Schrank.

*Thyrides*, Hübn. Verz. Schmett. 130.

## Genus 2. TRYPANOPHORA.

Antennæ elongatæ, graciles, intus serratæ, apice compressæ dilatatæ. Palpi brevissimi, oculos vix attingentes, barbati. Lingua spiralis, longa, basi dilatata. Alæ amplæ ex parte nuda, diaphanæ, vena cubitali hirsuta, areolam oblongam, subovatam, clausam formante. Abdomen cylindricum terebra brevi exserta in fœmina instructum. Pedes aequales, subcompressi, graciles, tibiarum calcaribus brevissimis.

*Trypanophora*, Kollar, Kaschmir von Von Hugel, iv. 457.

## Genus 3. ÆGERIA.

Antennæ sublineares, vel fusiformes, apice floccido, maris interdum dentatæ, vel bipectinatæ. Palpi squamati vel pilosi, ultra clypeum assurgentes, distincte triarticulati. Alæ angustissimæ, hyalinæ, vel fenestratæ, stigmatæ ultra medium locato. Pedes elongati.

*Ægeria*, Fabr. Syst. Gloss. Illig. Mag. iv.

*Sesia*, Fabr. Ent. Syst.; Laspeyres.; Ochs.; Latr., Dum.; God.; Boisd.; Duponchel; Crochard.

*Trochilum*, Scopoli.

Including several genera which have been separated from it.

## Tribe 3. CYDIMONII.

Corpus mediocriter robustum. Antennæ parte basali filiformes, postea subincrassatæ, apice attenuatæ. Palpi articulo ultimo recto nudo. Alæ amplæ, posticæ strenue dentatæ, nonnunquam caudatæ.

Larva crassa, antice attenuata.

Cydimonii, *Blanchard, Hist. Nat. Ins.* ii, 348; *Chenu, Enc. & Hist. Nat. Pap.* 229.

Papilio, p., *Linn.; Fabr.; Scop.; Gmel.*

Urania, *Fabr. Syst. Gloss.*

Hesperides, p., *Latr.*

Fam. Papilionidæ. Sub-fam. Papilionæ. Gen. Leilus, p., *Swainson.*

Uraniidæ, *Westw.*

The species of this family much resemble the Papilionidæ.

## Genus 1. URANIA.

Corpus breve, sat validum. Palpi caput paullo superantes, compressi, sat graciles, articulo 3o cylindrico 2i longitudine; apice conico. Thorax rotundatus. Alæ anticæ margine externo valde obliquo. Alæ posticæ plerumque valde dentatæ, longe caudatæ.

Urania, *Fabr. Syst. Gloss. Illig. Mag.* iv.; *Latr.; God.*

Cydimon, *Dalm. Act. Holm.* 1824, 407; *Blanch. Hist. Nat. Ins.* ii, 349; *Chenu, Enc. & Hist. Nat. Pap.* 230; *Crochard.*

Urania et Dasycephalus, *Swainson.*

Thaliura, Urania et Dasycephalus, *Duncan.*

## 1. URANIA LEILUS.

*Ala nigra; antice utrinque strigis transversis fasciæque media bifida aureo-viridibus; postice fasciæ aureo-viridi caudique longis albis.*

Papilio Leilus, *Linn. Syst. Nat.* ii, 750, 31; *Mus. Lud. Utr.* 206. *Gron. Zooph.* 724. *Clerck, Icon.* pl. 27, f. 1. *Scop. Ann. Hist. Nat.* v, 110, 111. *Fabr. Sp. Ins.* ii, 12, 48; *Mant. Ins.* ii, 7, 54; *Ent. Syst.* iii, 21, 63. *Merian, Ins. Surin.* pl. 29. *Seba, Mus.* iv, pl. 36, f. 1—4. *Klem. Ins.* i, pl. 2, f. 1. *Knorr, Delic. pl. C.* f. 1. *Cram. Pap. Exot.* i, 133, pl. 85, f. C. D.

- D'Aubent. Mûc.* i. pl. 71, f. 1. *Gmel. ed. Syst. Nat.* i. 5, 2237, 31. *Herbst, Pap.* pl. 50, f. 2. 3. *Esp. Pap. Exot.* pl. 53, f. 2.
- Urania Leilus*, *God. Enc. Méth.* ix. 709, 3. *Fabr. Syst. Gloss. Lam. Hist. Nat. Anim. Invert.* iv. 9, 1. *Duncan's Nat. Libr.* xxxvi. *Exot. But.* 205, pl. 29, f. 3.
- Lars heroica* *Leilaria*, *Hübner. Samml. Exot. Schmett.* i. *Lep.* v. 11. *Geometræ*, i. *Amplæ*, iv. *Lares B. Heroicæ*, a. f. 1, 2.
- Urania Leilaria*, *Hübner. Verz. Schmett. Lares Her. Urania*, 289, 28, 13.
- Leilus Surinamensis*, *Swainson, Zool. Illustr. 2nd Ser.* pl. 125. Cayenne. Surinam.

a—d. South America. From Mr. Johnson's collection.

## 2. URANIA BRAZILIENSIS.

*Ala nigra; antica utrinque strigis transversis fasciæque media bifida aureo-viridibus; postica fasciâ interrupta aureo-viridi caudisque longis nigris albo marginatis.*

*Leilus Braziliensis*, *Swainson, New Zool. Illustr. 2nd Ser.* pl. 126.

a. Brazil. Presented by W. Swainson, Esq.

b—d. Brazil. From Mr. Argent's collection.

e. ——— ?

## 3. URANIA PULGENS.

*Ala nigra; antica strigis transversis basalibus fasciæque media aureo-viridibus; postica fasciâ interrupta aureo-viridi, caudisque nigris albo marginatis.*

*Urania fulgens*, *Boisd. MSS.*

a. Sta. Fé de Bogota. Presented by E. Doubleday, Esq.

b. Mexico. From Mr. Argent's collection.

## 4. URANIA BOISDUVALII.

*Ala nigra; antica utrinque strigis transversis fasciæque media bifida aureo-viridibus; postica fasciâ integra et strigis marginalibus aureo-viridibus, caudis longis nigris albo vix marginatis.*