

## A List of Lepidoptera collected in Costa Rica

by

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Lists of the lepidoptera of Costa Rica are not available. Collections in various museums have been worked up, but the reports have included other Central American or Neotropical material. The information is scattered in various museum monographs, or in such encyclopedias as the *Biologia Centrali-Americana* and the *Seitz Macrolepidoptera*.

The author possesses a collection made in the San Jose area of the Meseta Central of Costa Rica during 1963 and 1964. The collection was supplemented with specimens contributed by other collectors from southern Puntarenas Province and from Puerto Limón. Many Costa Ricans and North Americans helped with the collecting.

The identifications were made principally by the use of volumes 5, 6, 7 and 8 of Seitz's "Macrolepidoptera". These were provided for the work by a grant-in-aid from the Society of the Sigma Xi. The HesperIIDae in large part were identified by Dr. L. D. Miller while he was working in Costa Rica, and this part of the work benefited from his expert knowledge and his familiarity with modern terminology.

The list is too incomplete to represent truly the variety and the relationships of the lepidoptera of Costa Rica. For ready reference, it seemed well to arrange the groups of genera and species in alphabetical order. The order of arrangement of families and subfamilies of Rhopalocera generally follows that in Dos Passos: "A Synonymic List of the Nearctic Rhopalocera", and the families of moths are arranged according to Barnes and McDunnough.

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## RHOPALOCERA

## Family HESPERIIDAE

## Subfamily HESPERIINAE

*Ancyloxypha arenae*  
*Atalopedes campestris*  
*Hylephila philaens*  
*Lerema locius*  
*Panoquina ocola*  
*Panoquina sylvicola*  
*Perichares corydon*  
*Perichares lotus*  
*Perichares philetes dolores*  
*Paones zabulon*  
*Pompeius pompeius*

## Subfamily PYRGINAE

*Achlyodes selva*  
*Astrartes alardus latia*  
*Astrartes anaphis anetta*  
*Astrartes chiriquensis*  
*Astrartes fulgurator azul*  
*Astrartes talus*  
*Atarnes sallae*  
*Bella cupreiceps*  
*Calpodes etblius*  
*Chiodes zilpa*  
*Codotractus bryaxis imalena*  
*Cogia calcus*  
*Dion gemmatus*  
*Dyscophellus porcius porcius*  
*Ebrietes anacreon*  
*Gesta gesta*  
*Goniurus procne*  
*Goniurus ianna*  
*Goniurus viterboana*  
*Heliopetes orsaete orsaete*  
*Mylon lassius*  
*Phanus obscurior*  
*Phocides polybius lilea*  
*Pyrgus adepta*  
*Pyrgus oileus oileus*  
*Saliana longirostris*  
*Spathelepis clonius*  
*Theagenes albiplaga aegides*  
*Tbraeides salius*  
*Urbanus dorantes*  
*Urbanus simplicius*  
*Urbanus teleus*  
*Vacerra lachares*  
*Xenophanes tryxus*

## Family PAPILIONIDAE

## Subfamily PAPILIONINAE

*Battus polydamas polydamas*  
*Papilio americanus stabilis*  
*Papilio anchisiades ideus*  
*Papilio isidorus chironis*  
*Papilio thoas autocles*

## Family PIERIDAE

## Subfamily DISMORPHIINAE

*Dismorphia amalia*  
*Dismorphia dejone*  
*Dismorphia pallidula*  
*Dismorphia viridifascia*  
*Enantia melite*

## Subfamily PIERINAE

*Appias drustilla*  
*Ascia monuste*  
*Leptophobia aripa*  
*Pereute charops*

## Subfamily COLIADINAE

*Anteos clorinde*  
*Anteos merula*  
*Eurema albula*  
*Eurema boisduvaliana bogotana*  
*Eurema दौरa lydia*  
*Eurema gundlachia longicauda*  
*Eurema lisa lisa*  
*Eurema marginula*  
*Eurema neda*  
*Eurema nisa*  
*Eurema proterpia*  
*Eurema salome limoneus*  
*Eurema xanthochlora*  
*Eurema xanthochlora constantia*  
*Phoebis argante*  
*Phoebis cypris virgo*  
*Phoebis jada*  
*Phoebis philea*  
*Phoebis (near sennae)*  
*Phoebis sennae*  
*Phoebis statira*  
*Phoebis trite*

## Family RIODINIDAE

*Apodemia sp.*  
*Argyrogramma macularis*  
*Baeotis zonata*

*Charis argyrodines laverna*  
*Charis volutina*  
*Echenais aemulina adelina*  
*Emesis tenedia*  
*Lymnas sanguinea*  
*Mesene margaretta*  
*Sarota chrysus*  
*Thisbe lycorias*

## Family LYCAENIDAE

### Subfamily THECLINAE

*Thecla amyntor*  
*Thecla battus aufidena*  
*Thecla barajo*  
*Thecla beon*  
*Thecla cestri*  
*Thecla columella istapa*  
*Thecla damo*  
*Thecla herodotus*  
*Thecla hypocrita*  
*Thecla laothoe*  
*Thecla leucogyne*  
*Thecla meton*  
*Thecla ortygnus*  
*Thecla palaeon*  
*Thecla phaea*  
*Thecla sethon*  
*Thecla togama*

### Subfamily PLEBEJINAE

*Everes comyntas comyntas*  
*Hemiargus ceraunus zacheina*  
*Hemiargus isola*  
*Leptotes cassius striata*

## Family BRASSOLIDAE

*Caligo memnon*  
*Opsiphanes cassina chiriquensis*  
*Opsiphanes tamarindi sikyon*

## Family NYMPHALIDAE

### Subfamily CHARAXINAE

*Anaea eubaena*  
*Anaea glycerium*

### Subfamily APATURINAE

*Chlorippe cyane*  
*Chlorippe mentas*  
*Historis odion*  
*Prepona meander amphimachus*

### Subfamily EURYTELINAE

*Biblis hyperia aganisa*

*Eunica venusia*  
*Diaethria* sp.  
*Dynamine salpensa*  
*Marpesia chiron*  
*Marpesia hermione*  
*Marpesia marcella*  
*Marpesia merops*  
*Marpesia peireus theys*

### Subfamily LIMENTIDINAE

*Adelpha semialba*  
*Adelpha cytherea marcia*  
*Anartia jatrophae luteipicta*  
*Fatima venusta*  
*Hypanartia lethe*  
*Limenitis* sp.  
*Metamorpha epaphus*  
*Metamorpha stelenes biplagiata*

### Subfamily VANESSINAE

*Precis genovera*  
*Precis lavinia*  
*Vanessa virginiensis*

### Subfamily NYMPHALINAE

*Callicore janeira*  
*Gynaecia dirce*  
*Pseudonica sylvestris*  
*Temenis laothoe hondurensis*

### Subfamily MELITAEINAE

*Chlosyne hyperia adelina*  
*Chlosyne janais*  
*Chlosyne mediatrix*  
*Chlosyne nigrescens*  
*Eresia leucodesma*  
*Eresia staenotaenia*  
*Phyciodes clara*  
*Phyciodes faustus*  
*Phyciodes flava*  
*Phyciodes guatemalena*  
*Phyciodes liriopae*

### Subfamily ARGYNNINAE

*Euptoeita begesia hoffmanni*

### Subfamily HELICONIINAE

*Dryadula phaetusa*  
*Dryas julia delila*  
*Dione juno huaseama*  
*Dione moneta butleri*  
*Euodes cleobaea zorcao*  
*Heliconius charithonius*  
*Heliconius clysonimus montana*

*Heliconius diotrepbes*  
*Heliconius leuce*  
*Heliconius pachinia*  
*Heliconius petiveranus*

Subfamily ITHOMIINAE

*Aprotopos melantho*  
*Ceratinia decumana excelsa*  
*Dircenna klugii*  
*Dysmenitis zygia*  
*Hirsutis pinthia*  
*Hirsutis salvadoris*  
*Hymenitis oto*  
*Ithomia heraldica*  
*Mechanitis sp.*  
*Pteronymia cotytto*

Subfamily ACRAEINAE

*Actinote antea*  
*Actinote lapitha*

Family DANAIDAE

*Danaus eresimus*  
*Danaus gilippus berenice*  
*Danaus plexippus*

Family SATYRIDAE

*Dioriste cothou*  
*Dioriste tauropolis*  
*Drucina leonata*  
*Euptychia cyclops*  
*Euptychia gigas*  
*Euptychia hermes*  
*Euptychia hesione*  
*Euptychia mimas*  
*Euptychia ocnus*  
*Euptychia pyracmon*  
*Euptychia satyrina*  
*Pedaliodes phrasiclea*  
*Pedaliodes pisonia dejecta*  
*Pedaliodes perperna*

## HETEROCERA

Family SPHINGIDAE

*Amplipterus ypsilon*  
*Cocytius anteus medor*  
*Epistor gorgon*  
*Epistor ocyete*  
*Erinnyis alope*  
*Erinnyis crameri*  
*Erinnyis ello*  
*Erinnyis obscura*  
*Erinnyis oenotrus*  
*Erinnyis yucatan*  
*Herse cingulata*  
*Pachylia ficus*  
*Perigonia ileus*  
*Pholus achemolus*  
*Pholus labruscae*  
*Pholus triangulum*  
*Protoparce barnesi*  
*Protoparce lichenea*  
*Protoparce occulta*  
*Protoparce pallenia*  
*Protoparce quinque maculatus*  
*Protoparce rustica*  
*Protoparce sexta*  
*Pseudosphinx tetrio*  
*Xylophanes ceratomioides*  
*Xylophanes pluto*  
*Xylophanes tersa*  
*Xylophanes tyndarus*

Family SATURNIIDAE

*Automeris acutissima*  
*Automeris boucardi*  
*Automeris incarnata cecrops*  
*Automeris montezuma*  
*Automeris rubescens*  
*Automeris zugana*  
*Homoeopteryx malacena*  
*Rothschildia aroma*  
*Sysphinx molina*

Family SYNTOMIDAE

*Amycles anthracena*  
*Cosmosoma auge*  
*Cyanopepla arrogans costarricensis*  
*Cyanopepla scintillans*  
*Dinia aegrus*  
*Episcepsis hypoleuca*  
*Eucereon centrale*  
*Eucereon confine*  
*Eucereon sp.*  
*Eucereon xanthura*  
*Napata walkeri*

Family PERICOPIDAE

*Eucyane alitta*  
*Gnophaela sp.*  
*Hyalurga soroides*  
*Pericobis lycaste*

## Family AGARISTIDAE

*Orthia augias*

## Family NOCTUIDAE

*Agrotis limenia**Alabama argillacea**Arthodes puerilis**Athysania bidens**Athysania pyrgo**Autographa biloba**Autographa oo**Blosyris buteo**Blosyris bercynia**Blosyris hypnois**Blosyris magna**Blosyris mycerina**Blosyris orcybia**Blosyris scopis**Cirphis punctulata**Erebus odora**Erebus sp.**Eriopus floridensis**Euxoa flavidens**Feltia malefida**Heliophila unipuncta**Heliothis armiger**Heliothis virescens**Homoptera lunata lunata**Homoptera lunata edusa**Hypocala sp.**Laphygma frugiperda**Letis magna**Lichnoptera felina**Magusa dissidens**Melipotis fasciolaria**Mocis munda**Mosodes subobliqua**Palindia argyritis**Palindia electa**Palindiona ouocco**Pangrapta sp.**Paratrachea laches**Safia amella**Thysania agrippina**Thysania zenobia**Trachea xylophila**Yrias sp.**Zale galactea**Zale helvina**Zale phaeograptia*

## Family ARCTIIDAE

*Agylla argentifera**Amastus rumina**Apantesis proxima**Bertholdia albipuncta**Bertholdia specularis**Dawitits thetis**Ecpantheria caudata**Ecpantheria sp.**Ecpantheria muzina**Estigmene acraea alba**Estigmene acraea mexicana**Halisidota cinctipes**Halisidota tucumana**Opharus almopia**Opharus astur**Pramana sisalus**Utetheisa ornatrix ornatrix*

## Family NOTODONTIDAE

*Bardaxima lucilinea**Chadisia hybrida**Hemiceras bilinea**Hemiceras cadmia**Hemiceras colombia**Hemiceras cotto**Hemiceras metastigma**Hemiceras sp.**Hemiceras usara**Nystalea ebalea*

## Family LASIOCAMPIDAE

*Euglyphis venalia*

## Family BOMBYCIDAE

*Apatelodes costarricense**Quentalia maevia*

## Family GEOMETRIDAE

*Macaria praestomata**Melanchroia cephise**Oxidia vesulis**Racheospila livaria**Racheospila punctilinea**Sabulodes politia**Sphacelodes vulneraria*

## Family EPIPLEMIDAE

*Erosia incendiata**Syngria druidaria**Syngriodes genaria*

## Family LACOSOMIDAE

*Lacosoma zonoma*

## Family COCHLIDIIDAE

*Euclea chlora*

## Family ZYGAENIDAE

*Harrisina splendens*

## Family THYRIDIDAE

*Dysodia occultans*

## Family COSSIDAE

*Langsdorfia lunifera**Langsdorfia* sp.

## Family PYRALIDAE

*Agathodes mostralis**Virina correbioides**Zenkenia fascialis*

## Family HEPIALIDAE

*Dalaca myrsca**Phassus triangularis*

## Family LIMACODIDAE

*Parasa cuernavaca*

## Family URANIIDAE

*Hormidiana leachi**Sematura lunus**Urania fulgens*

## Family CASTNIIDAE

*Cassnia humboldtii*

## SUMMARY

A collection of Lepidoptera chiefly from the Meseta Central of Costa Rica included 217 species and subspecies of Rhopalocera and 148 of Heterocera.

## RESUMEN

Se da una lista de Lepidoptera, principalmente de la Meseta Central de Costa Rica en que se incluyen 217 especies y subspecies de Rhopalocera y 148 de Heterocera.