

INSECTA MUNDI

A Journal of World Insect Systematics

0393

An updated and annotated checklist of the Hedyliidae and Hesperiiidae
(Lepidoptera) of Trinidad, West Indies

Matthew J.W. Cock
CABI, Bakeham Lane,
Egham, Surrey, TW20 9TY
United Kingdom

Date of Issue: October 17, 2014

Matthew J.W. Cock

An updated and annotated checklist of the Hedyliidae and Hesperiiidae (Lepidoptera)
of Trinidad, West Indies

Insecta Mundi 0393: 1–40

ZooBank Registered: urn:lsid:zoobank.org:pub:54FDAEB0-E8AF-4E47-B2A9-2A0C1FC57634

Published in 2014 by

Center for Systematic Entomology, Inc.

P. O. Box 141874

Gainesville, FL 32614-1874 USA

<http://centerforsystematicentomology.org/>

Insecta Mundi is a journal primarily devoted to insect systematics, but articles can be published on any non-marine arthropod. Topics considered for publication include systematics, taxonomy, nomenclature, checklists, faunal works, and natural history. **Insecta Mundi** will not consider works in the applied sciences (i.e. medical entomology, pest control research, etc.), and no longer publishes book reviews or editorials. *Insecta Mundi* publishes original research or discoveries in an inexpensive and timely manner, distributing them free via open access on the internet on the date of publication.

Insecta Mundi is referenced or abstracted by several sources including the Zoological Record, CAB Abstracts, etc. **Insecta Mundi** is published irregularly throughout the year, with completed manuscripts assigned an individual number. Manuscripts must be peer reviewed prior to submission, after which they are reviewed by the editorial board to ensure quality. One author of each submitted manuscript must be a current member of the Center for Systematic Entomology.

Chief Editor: Paul E. Skelley, e-mail: insectamundi@gmail.com

Head Layout Editor: Eugenio H. Nearn

Editorial Board: J. H. Frank, M. J. Paulsen, Michael C. Thomas

Review Editors: Listed on the *Insecta Mundi* webpage

Manuscript Preparation Guidelines and Submission Requirements available on the *Insecta Mundi* webpage at: <http://centerforsystematicentomology.org/insectamundi/>

Printed copies (ISSN 0749-6737) annually deposited in libraries:

CSIRO, Canberra, ACT, Australia

Museu de Zoologia, São Paulo, Brazil

Agriculture and Agrifood Canada, Ottawa, ON, Canada

The Natural History Museum, London, UK

Muzeum i Instytut Zoologii PAN, Warsaw, Poland

National Taiwan University, Taipei, Taiwan

California Academy of Sciences, San Francisco, CA, USA

Florida Department of Agriculture and Consumer Services, Gainesville, FL, USA

Field Museum of Natural History, Chicago, IL, USA

National Museum of Natural History, Smithsonian Institution, Washington, DC, USA

Zoological Institute of Russian Academy of Sciences, Saint-Petersburg, Russia

Electronic copies (Online ISSN 1942-1354, CDROM ISSN 1942-1362) in PDF format:

Printed CD or DVD mailed to all members at end of year. Archived digitally by Portico.

Florida Virtual Campus: <http://purl.fcla.edu/fcla/insectamundi>

University of Nebraska-Lincoln, Digital Commons: <http://digitalcommons.unl.edu/insectamundi/>

Goethe-Universität, Frankfurt am Main: <http://nbn-resolving.de/urn/resolver.pl?urn:nbn:de:hebis:30:3-135240>

Copyright held by the author(s). This is an open access article distributed under the terms of the Creative Commons, Attribution Non-Commercial License, which permits unrestricted non-commercial use, distribution, and reproduction in any medium, provided the original author(s) and source are credited. <http://creativecommons.org/licenses/by-nc/3.0/>

Layout Editor for this article: Eugenio H. Nearn

An updated and annotated checklist of the Hedyliidae and Hesperiiidae
(Lepidoptera) of Trinidad, West Indies

Matthew J.W. Cock
CABI, Bakeham Lane
Egham, Surrey, TW20 9TY
United Kingdom
m.cock@cabi.org

Abstract. A revised checklist for the butterfly families Hedyliidae and Hesperiiidae (Lepidoptera) of Trinidad (Trinidad and Tobago) is presented, bringing nomenclature in line with modern usage, and indicating synonyms from earlier lists and papers. The following are new records for Trinidad: *Thessia athesis* (Hewitson), *Bungalotis clusia* Evans, *Sarmientoia eriopis* (Hewitson), *Pellicia tyana toza* Evans, *Quadrus contubernalis contubernalis* (Mabille) and *Decinea decinea derisor* (Mabille). The checklist includes two species of Hedyliidae and 314 species of 157 genera of Hesperiiidae, comprising 87 species of 37 genera of Eudaminae, 73 species of 41 genera of Pyrginae, and 154 species of 80 genera of Hesperiiinae.

Introduction

More than 20 years ago I prepared a list of the Hesperiiidae of Trinidad and Tobago (Cock 1982), which was based on the taxonomy used by Evans (1951, 1952, 1953, 1955). Over the last 20 years, I have also published a series of 19 further papers covering all the Hesperiiidae of Trinidad, referred to here as Cock (1981–2013) for convenience, but listed individually in the checklist and references. Now, in light of many taxonomic changes, new species records, and increased knowledge about the Hesperiiidae of Trinidad and Tobago, together with the publication of the checklist of Neotropical Lepidoptera (Lamas 2004, specifically the section on Hesperiiidae referred to here as Mielke 2004) and the hope of a relatively stable taxonomy based on this publication, an updated list is overdue.

Mielke (2004) provides the checklist of Hesperiiidae based on published taxonomic changes, thus avoiding the pitfall of including changes with no explanation. Mielke's (2005) subsequent bibliography makes it easy to track the full literature on each species and subspecies.

Classification

This list complements Cock (2014a), which dealt with the Papilionidae, Pieridae and Nymphalidae of Trinidad. Recent changes in butterfly classification are discussed there. However, in relation to the Hesperiiidae, recent work incorporating molecular and morphological characters has suggested that Papilionidae are the oldest lineage, and the group Hedyliidae + Hesperiiidae split off from this first (Heikkilä et al. 2011, van Nieukerken et al. 2011). Accordingly butterflies and butterfly moths (Hedyliidae) now form a single superfamily Papilionoidea, comprising the families Papilionidae, Hedyliidae, Hesperiiidae, Pieridae, Riodinidae, Lycaenidae and Nymphalidae, and the superfamilies Hesperioidea and Hedyloidea should no longer be recognised. The families Hedyliidae and Hesperiiidae are treated here. Globally, Hedyliidae comprises one genus of 36 species (Scoble 1990a), two of which occur in Trinidad, and Hesperiiidae 570 genera and 4,113 species (van Nieukerken et al. 2011), of which 157 genera and 314 species are listed from Trinidad below.

The taxonomy of Hedyliidae follows Scoble (1990a, 1990b) where details of original descriptions etc. can be found. Since the publication of the Neotropical Hesperiiidae checklist (Mielke 2004), A.D. Warren and colleagues have developed a new phylogenetic classification of the Hesperiiidae based on adult characters and molecular data (Warren et al. 2008, 2009), and this classification is followed here.

Geographical Scope

As with Cock (2014a), the geographical area covered by the checklist is the island of Trinidad, and in principle the offshore islands, including the Bocas Islands, but not Tobago and its offshore islands. In practice, the few records of butterflies from the offshore islands are of species also known from the island of Trinidad, apart from a small number of species that have been recorded from Chacachacare Island, but not elsewhere from this area. Two of these species are included: *Staphylus tyro* (Mabille) and *Heliopetes laviana leca* (Butler).

Preparation of the Checklist

The International Code for Zoological Nomenclature (ICZN 1999) requires that adjectival specific names of animals should agree in gender with the genus in which they are placed, and that where a species is currently placed in a genus other than the one in which it was described, then the author's name should be placed in parentheses. As discussed in Cock (2014a), not all taxonomists, particularly those dealing with the Lepidoptera, have followed these rules, and for the purposes of this checklist, I have adopted two principles: (1) I have not considered gender agreement, but simply followed the usage in the catalogues of Hedyliidae (Scoble 1990a) and Neotropical Hesperidae (Mielke 2004), in order to maintain stability; (2) I have followed the rule regarding use of parentheses, since this is relatively easy to establish even if it is not useful.

The advantage of using the Atlas of Neotropical Lepidoptera checklist as the standard for these checklists of Trinidad species (Cock 2014a, and this work) is that it provides a recent update of name changes across all families, which hopefully will provide some stability for years to come. Even so, I have deviated from the checklist where more recent work indicates the need, and this is explained in the notes below the species in question.

Four lists (A–D) are presented below, of which List A is the main checklist of Hedyliidae and Hesperidae. In the Hedyliidae checklist, the limited references to species found in Trinidad in the literature are given. In the Hesperidae checklist, all names listed by Kaye (1904, 1914, 1921, 1940), Barcant (1970) and Cock (1982) are included; original spellings and combinations are used, but the names of the authors of the specific names have been corrected when necessary to align with Mielke (2004); Barcant (1970) in particular made many errors in presenting the author names and placed them all in parentheses. In addition, I have included other relevant publications that refer specifically to a species or subspecies being found in Trinidad, or provide information on the biology of that species in Trinidad, including the food plant listing of Beccaloni et al. (2008). This may not provide a complete bibliography of Trinidad Hedyliidae and Hesperidae, but should include all key works. Where a work treats a species found in Trinidad, but does not mention Trinidad specifically, this reference is not included under that species. I have not included the original description of every species and subspecies, as this information can be obtained from the bibliography of Neotropical Hesperidae (Mielke 2005) or the bibliography of Neotropical butterflies (Lamas 2013), using the author and date of publication from this list or Mielke (2004). However, for all taxa described from Trinidad (indicated in the list by 'TL', type locality, or 'PTL', paratype locality, after the reference), I have provided the citation for the original description.

There are several new records included which have not previously been published. These are documented in the notes below these species. Most of these are species that have been overlooked, as they resemble other more common species, but others are newly discovered from Trinidad.

Where there is no correlation between the current name and the name used by previous authors, or some explanation is needed for other reasons, I have added a brief comment in square brackets, e.g. [synonym], [misidentification]. Unless indicated otherwise, the comment refers to the subspecies name used where there is one, or the species name where there isn't. I recognise that the names used by earlier authors were those in current use at the time, i.e. correct based on knowledge at that time, so a misidentification should not be construed as an error, and no criticism of these earlier works is intended. In almost all cases, a more detailed explanation will be found in the relevant section of Cock (1981–2013). Where this is not the case, e.g. for changes after the relevant part of Cock (1981–2013), I provide an explanation. I have included taxonomic changes subsequent to Mielke (2004) and explained

where they have been published, but some changes only appear on the internet. I have not accepted these, but have indicated them as far as I am aware of them, and anticipate that they may be documented in future publications.

I have considered all documented species, including those that have not been seen for many years, possible vagrants only known from one or two captures, and those suspected to be errors. The main list (List A) therefore comprises those species which I currently accept as occurring (or having occurred) in Trinidad. This is followed by three further short lists: List B is those species in the main list which need confirmation, List C is those species which have been recorded from Trinidad, but are believed to be errors for various reasons, and List D is those species recorded from the country of Trinidad and Tobago, but which are not known from Trinidad.

List A. Checklist of the Hedylidae and HesperIIDae of Trinidad

HEDYLIDAE

Macrosoma conifera (W. Warren, 1897)

Macrosoma conifera (W. Warren): Scoble (1990b), Cock (2003b)

Records from Morne Bleu only.

Macrosoma rubedinaria (Walker, 1862)

Phellinodes rubedinaria (Walker): Kaye (1901), Kaye and Lamont (1927)

Macrosoma rubedinaria (Walker): Scoble (1990b)

Records from Arima Valley (Simla), Brigand Hill, Caigual (near Sangre Grande), Curepe, Morne Bleu, and Parrylands.

HESPERIIDAE

EUDAMINAE

Phocides polybius polybius (Fabricius, 1793)

Erycides palemon (Cramer): Crowfoot (1893) [preoccupied name]

Dysenius spurius (Mabille): Kaye (1904, no. 213), Kaye (1921, no. 314), Barcant (1970, no. 401)

Phocides polybius polybius (Fabricius): Evans (1952), Cock (1982, no. 8), Cock (1984b), Cock (2014b), Beccaloni et al. (2008)

Phocides distans distans (Herrich-Schäffer, 1869)

Phocides distans (Herrich-Schäffer): Kaye (1914), Kaye (1921, no. 315), Barcant (1970, no. 382)

Phocides distans distans (Herrich-Schäffer): Cock (1982, no. 9), Cock (1984b)

Phocides pigmalion pigmalion (Cramer, 1779)

Phocides pigmalion (Cramer): Kaye (1940, no. 302a), Barcant (1970, no. 381)

Phocides pigmalion pigmalion (Cramer): Evans (1952), Cock (1982, no. 10), Cock (1984b), Cock (2014b)

Tarsoctenus praecia (Hewitson, 1857) *rufibasis* Boulet, 1910

Tarsoctenus praecia rufibasis Boulet: Evans (1952), Cock (1982, no. 11), Cock (1984b)

Phanus ecitonorum Austin, 1993

Eutheus vitreus (Stoll): Crowfoot (1893) [misspelling of *Entheus*; part; not *vitreus* (Stoll)]

Phanus vitreus (Stoll): Kaye (1921, no. 341), Evans (1952), Miller (1965), Barcant (1970, no. 437), Cock (1982, no. 12), Cock (1984b) [part; not *vitreus* (Stoll)]

Austin (1993) reviewed this group of species. Based on Austin's work, I have seen no specimens of the true *Phanus vitreus* from Trinidad, those available to me being either *P. ecitonorum* or *P. albiapicalis* Austin.

Phanus albiapicalis Austin, 1993

Eutheus vitreus (Stoll): Crowfoot (1893) [misspelling of *Entheus*; part; not *vitreus* (Stoll)]

Phanus vitreus (Stoll): Kaye (1921, no. 341), Evans (1952), Barcant (1970, no. 437), Cock (1982, no. 12), Cock (1984b) [part; not *vitreus* (Stoll)]

See note under *P. ecitonorum* (above).

- Phanus obscurior obscurior* Kaye, 1925
Phanus obscurior Kaye: Kaye (1925) TL, Kaye (1940, no. 341b), Evans 1952, Barcant (1970, no. 439), Cock (1982, no. 13), Cock (1984b)
Phanus obscurior obscurior Kaye: Miller (1965)
- Phanus marshalli* (Kirby, 1880)
Entheus marshalli Kirby: Kirby (1880) TL
Phanus vitreus (Stoll): Godman and Salvin (1893–1901) [*marshallii* incorrectly treated as synonym]
Phanus marshalli (Kirby): Kaye (1940, no. 341a), Evans (1952), Miller (1965), Barcant (1970, no. 438), Cock (1982, no. 14), Cock (1984b)
- Udranomia orcinus* (C. Felder and R. Felder, 1867)
Udranomia orcinus (C. Felder and R. Felder): Kaye (1940, no. 341c), Barcant (1970, no. 441), Cock (1982, no. 15), Cock (1984b), Beccaloni et al. (2008), Cock and Alston-Smith (2013)
- Udranomia eurus* (Mabille and Boulet, 1919)
Udranomia eurus (Mabille and Boulet): Cock and Alston-Smith (2013)
- Drephalys oriander* (Hewitson, 1867)
Drephalys oriander oriander Hewitson: Cock (1982, no. 16), Cock (1984b)
 Evans (1952) described *D. oriander oria* from Honduras as a subspecies, but Freeman (1976) treated *D. oria* as a valid species, so the trinomial for *D. oriander* used by Evans (1952) and hence Cock (1982, 1984b) is no longer necessary.
- Drephalys alcmon* (Cramer, 1779)
Paradros alcmon (Cramer): Kaye (1940, no. 338b), Barcant (1970, no. 433)
Drephalys alcmon (Cramer): Cock (1982, no. 17), Cock (1984b), Beccaloni et al. (2008)
- Augiades crinismus* (Cramer, 1780)
Entheus crinismus (Cramer): Kaye (1921, no. 344), Barcant (1970, no. 443)
Augiades crinismus (Cramer): Evans (1952), Cock (1982, no. 18), Cock (1984b)
- Entheus priassus priassus* (Linnaeus, 1758)
Entheus priassus (Linnaeus): Barcant (1970, no. 605)
Entheus priassus priassus (Linnaeus): Evans (1952), Cock (1982, no. 19), Cock (1984b)
- Proteides mercurius mercurius* (Fabricius, 1787)
Proteides idas (Cramer 1779): Barcant (1970, no. 604) [preoccupied name]
Proteides mercurius mercurius (Fabricius): Evans (1952), Cock (1982, no. 20), Cock (1986), Beccaloni et al. (2008)
- Epargyreus socus* Hübner, [1825] *chota* Evans, 1952
Epargyreus socus chota Evans: Evans (1952) TL, Cock (1982, no. 21), Cock (1984a), Cock (1986), Beccaloni et al. (2008)
- Epargyreus exadeus exadeus* (Cramer, 1779)
Thymele exadeus (Cramer): Crowfoot (1893)
Epargyreus exadeus (Cramer): Godman and Salvin (1893–1901), Kaye (1904, no. 215), Kaye (1921, no. 319), Williams and Bell (1931), Barcant (1970, no. 405)
Epargyreus exadeus exadeus (Cramer): Evans (1952), Cock (1982, no. 22), Cock (1986)
- Epargyreus nutra* Evans, 1952
Epargyreus nutra Evans: Cock (1986)
- Epargyreus clavicornis* (Herrich-Schäffer, 1869) *tenda* Evans, 1955
Epargyreus clavicornis tenda Evans: Cock (1982, no. 23), Cock (1986)
- Polygonus leo* (Gmelin, [1790]) *pallida* Röber, 1925
Polygonus leo leo (Gmelin): Evans (1952), Cock (1982, no. 24), Cock (1986), Beccaloni et al. (2008)
 Mielke and Casagrande (2002) state that *P. l. leo* is limited to Puerto Rico, Haiti and parts of the Virgin Islands (treated as *P. l. savigny* Latreille by Evans (1952), but see *P. savigny* below). They point out that *P. l. pallida* Röber is the next available name for the Central and South American subspecies, which occurs in Trinidad.
- Polygonus savigny savigny* (Latreille, [1824])
Acolastus amyntas (Fabricius): Kaye (1904, no. 202), Kaye (1940, no. 303a), Barcant (1970, no. 384) [preoccupied; misidentified]

Polygonus manueli manueli Bell and Comstock: Evans (1952), Cock (1982, no. 25), Cock (1986) [synonym]

Polygonus manueli Bell and Comstock: Cock (1984a)

This species appears in older literature including Evans (1952) and Cock (1982) as *Polygonus manueli* Bell and Comstock. Mielke and Casagrande (2002) point out that this is a synonym of *P. savigny*, which Evans (1952) had incorrectly identified as a subspecies of *Polygonus leo* (see comment under that species).

Chioides catillus catillus (Cramer, 1779)

Thymele catillus (Cramer): Crowfoot (1893)

Eudamus catillus (Cramer): Kaye (1904, no. 205), Kaye (1921, no. 306), Barcant (1970, no. 388)

Eudamus zilpa (Butler): Kaye (1921, no. 454), Barcant (1970, no. 392) [misidentification]

Chioides catillus catillus (Cramer): Evans (1952), Cock (1982, no. 26), Cock (1986), Cock (2004b), Beccaloni et al. (2008), Cock (2014b)

Chioides catillus (Cramer): Cock (1984a)

Urbanus catillus (Cramer): Hernández (1992)

Aguna asander asander (Hewitson, 1867)

Epargyreus asander (Hewitson): Kaye (1914), Kaye (1921, no. 317), Barcant (1970, no. 403)

Aguna asander asander (Hewitson): Cock (1982, no. 27), Cock (1986)

Aguna clina Evans, 1952

Aguna clina Evans: Austin and Mielke (1998)

Austin and Mielke (1998) report a Trinidad specimen of *Aguna clina* from Hololo (Jan) in their partial revision of the genus. Also captured by S. Alston-Smith from Parrylands (♂ i.1984, ♀ i.1985, ♀ iv.1993).

Aguna aurunce aurunce (Hewitson, 1867)

Aguna aurunce (Hewitson): Evans (1952), Cock (1982, no. 28), Cock (1986)

Aguna aurunce hypozonius (Plötz): Austin and Mielke (1998)

Austin and Mielke (1998) described *A. a. hypozonius* Plötz, and listed a Trinidad specimen (sex not stated). *Aguna a. aurunce* is known from the Amazon drainage of Venezuela, southward into Peru and Brazil, whereas *A. a. hypozonius* occurs from extreme northern South America to southern Mexico (Austin and Mielke 1998). The two subspecies are distinguished by the larger forewing markings in *A. a. hypozonius*, and a slight difference in the male genitalia. I have a female from Trinidad that is compatible with either subspecies, but two males have reduced forewing markings even compared to ssp. *aurunce*, and a very narrow white band on the hindwing underside (a variable character in both ssp.). The markings and male genitalia support the view that these are *A. a. aurunce*.

Aguna coelus (Stoll, 1781)

Goniurus coelus (Stoll): Kaye (1904, no. 212), Kaye (1921, no. 313), Barcant (1970, no. 400)

Aguna coelus (Stoll): Evans (1952), Cock (1982, no. 29), Cock (1986), Austin and Mielke (1998), Beccaloni et al. (2008)

Aguna coeloides Austin and Mielke, 1998

Aguna coeloides Austin and Mielke: Austin and Mielke (1998) PTL

Austin and Mielke (1998) list two male Trinidad specimens as paratypes of *A. coeloides* in their partial revision of the genus. One specimen was collected at Siparia, 20 Nov 1920 by W.J. Kaye, and the second at 'Macuexioe Bay' [Macueripe Bay], 24 Aug 1933. This species would have been confused with *A. coelus* in earlier Trinidad usage.

Typhedanus undulatus (Hewitson, 1867)

Thymele undulatus (Hewitson): Crowfoot (1893)

Eudamus undulatus Hewitson: Kaye (1904, no. 211), Kaye (1921, no. 311), Barcant (1970, no. 395)

Typhedanus undulatus (Hewitson): Evans (1952), Cock (1982, no. 30), Cock and Evans (1984), Cock (1985b), Cock (1986), Beccaloni et al. (2008), Cock (2014b)

Polythrix octomaculata (Sepp, [1844])

Eudamus decussata (Ménétriés): Kaye (1921, no. 312), Barcant (1970, no. 396) [synonym]

Polythrix octomaculata octomaculata (Sepp): Cock (1981a), Cock (1982, no. 31), Cock (1986)

Polythrix octomaculata (Sepp): Cock (2014b)

Evans (1952) treated *P. octomaculata* as having three subspecies: *P. o. octomaculata*, *P. o. decussata*, and *P. o. alciphron* Godman and Salvin. Freeman (1979) showed that *P. o. alciphron* is a synonym of *P. octomaculata*, and Mielke and Casagrande (2002) found that *P. o. decussata* is also a synonym of *P. octomaculata*. Austin and Warren (2002) endorse these changes. Hence there are no subspecies of *P. octomaculata* now recognised; it is monotypic.

Polythrix roma Evans, 1952

Eudamus asine Hewitson: Kaye (1921, no. 455) [misidentification]

Polythrix roma Evans: Evans (1952), Cock (1982, no. 32), Cock (1986), Beccaloni et al. (2008), Cock (2014b)

Polythrix caunus (Herrich-Schäffer, 1869)

Polythrix caunus (Herrich-Schäffer): Evans (1952), Cock (1982, no. 33), Cock (1986), Beccaloni et al. (2008), Cock (2014b)

This species should be placed in a new genus together with *Polythrix auginus* (Hewitson), based on the male genitalia (Burns 1996) and early stages (Cock 2014b).

Polythrix auginus (Hewitson, 1867)

Eudamus auginus Hewitson; Kaye (1940, no. 302b), Barcant (1970, no. 397)

Polythrix auginus (Hewitson): Evans (1952), Cock (1981a), Cock (1982, no. 34), Cock (1986), Beccaloni et al. (2008), Cock (2014b)

This species should be placed in a new genus together with *P. caunus*, based on the male genitalia (Burns 1996) and early stages (Cock 2014b).

Polythrix metallescens (Mabille, 1888)

Polythrix metallescens (Mabille): Kaye (1940), Barcant (1970, no. 385), Evans (1952), Cock (1982, no. 35), Cock (1986), Cock (2014b)

Cephise burnsi Austin and Mielke, 2000

Cephise cephise (Herrich-Schäffer): Cock and Alston-Smith (1990), Beccaloni et al. (2008) [different species]

The name used here is based on the revision of this genus by Austin and Mielke (2000).

Chrysoplectrum perniciosus (Herrich-Schäffer, 1869)

Chrysoplectrum perniciosus (Herrich-Schäffer): Kaye (1940, no. 307b), Barcant (1970, no. 423), Beccaloni et al. (2008)

Chrysoplectrum perniciosus perniciosus (Herrich-Schäffer): Cock (1982, no. 36), Cock (1986)

Evans (1952) treated *C. perniciosus* as having two subspecies, but Austin and Warren (2002) formally confirm the action of earlier authors in treating *C. epicinea* (Butler and Druce) from Central America as a distinct species. Accordingly, *C. perniciosus* has no recognised subspecies and is monotypic.

Codattractus carlos Evans, 1952 *arguta* Evans, 1952

Codattractus carlos arguta Evans: Evans (1952) TL, Cock (1982, no. 37), Cock (1986)

Urbanus proteus proteus (Linnaeus, 1758)

Thymele proteus (Linnaeus): Crowfoot (1893)

Eudamus proteus (Linnaeus): Kaye (1904, no. 203), Kaye (1921, no. 304), Barcant (1970, no. 386)

Urbanus proteus proteus (Linnaeus): Evans (1952), Cock (1981a), Cock (1982, No. 39), Cock (1986), Cock (2001), Beccaloni et al. (2008)

Goniurus proteus (Linnaeus): Pliske (1973)

Urbanus belli (Hayward, 1935)

Urbanus viterboana alva Evans 1952: Evans (1952), Cock (1981b), Cock (1982, no. 40)

Urbanus belli (Hayward): Cock (1982, p. 47), Cock (1986), Beccaloni et al. (2008)

Urbanus pronta Evans, 1952

Urbanus pronta Evans: Cock (1982, p. 47), Cock (1986)

Urbanus esmeraldus (Butler, 1877)

Urbanus esmeraldus (Butler): Evans (1952), Cock (1981a), Steinhauser (1981), Cock (1982, no. 41), Cock (1986), Beccaloni et al. (2008)

Urbanus esma Evans, 1955

Urbanus esma Evans: Steinhauser (1981), Cock (1982, no. 41A, p. 47), Cock (1986)

Urbanus esta Evans, 1952

Urbanus esta Evans: Cock (1982, p. 47), Cock (1986)

Urbanus velinus (Plötz, 1881)

Urbanus acawoios (Williams): Steinhauser (1981), Cock (1982, no. 42), Cock (1986) [synonym (Robbins et al. 1996)]

Urbanus dorantes dorantes (Stoll, 1790)

Thymele dorantes (Stoll): Crowfoot (1893)

Eudamus dorantes (Stoll): Kaye (1904, no. 204), Kaye (1921, no. 305), Barcant (1970, no. 387)

Goniurus dorantes (Stoll): Lindsey (1925)

Thymele protillus (Herrich-Schäffer): Crowfoot (1893)

Eudamus protillus (Herrich-Schäffer): Kaye (1904, no. 208), Kaye (1921, no. 308), Barcant (1970, no. 390) [synonym]

Thymele amisus (Hewitson): Crowfoot (1893)

Eudamus amisus (Hewitson): Kaye (1904, no. 210), Kaye (1921, no. 310), Barcant (1970, no. 394) [synonym]

Urbanus dorantes dorantes (Stoll): Evans (1952), Cock (1981b), Cock (1982, no. 43), Cock (1986), Beccaloni et al. (2008)

Urbanus teleus (Hübner, 1821)

Eudamus eurycles (Latreille): Kaye (1904, no. 207), Kaye (1940, no. 307a), Barcant (1970, no. 398) [synonym]

Goniurus eurycles (Latreille): Lindsey (1925), Williams and Bell (1931) [synonym]

Urbanus teleus (Hübner): Evans (1952), Cock (1982, no. 44), Cock (1986)

Urbanus tanna Evans, 1952

Urbanus tanna Evans: Evans (1952), Cock (1982, no. 45), Cock (1986)

Urbanus simplicius (Stoll, 1790)

Thymele simplicius (Stoll): Crowfoot (1893)

Eudamus simplicius (Stoll): Kaye (1904, no. 206), Kaye (1921, no. 307), Barcant (1970, no. 389)

Goniurus simplicius (Stoll): Williams and Bell (1931), Pliske (1973)

Urbanus simplicius (Stoll): Evans (1952), Cock (1981a), Cock (1982, no. 46), Cock (1986), Beccaloni et al. (2008)

Urbanus procne (Plötz, 1881)

Urbanus procne (Plötz): Evans (1952), Cock (1981a), Cock (1982, no. 47), Cock (1986)

Urbanus carmelita (Herrich-Schäffer, 1869) *trebia* (Möschler, 1879)

Eudamus carmelita nigricauda Godman and Salvin: Kaye (1940), Barcant (1970, no. 399) [synonym]

Urbanus carmelita trebia (Möschler): Evans (1952), Cock (1982, no. 48), Cock (1984a), Cock (1986)

Listed as *U. trebia* in Warren et al. (2014), but I have traced no formal change of status.

Urbanus doryssus doryssus (Swainson, 1831)

Thymele brachius (Geyer): Crowfoot (1893)

Eudamus brachius (Geyer): Kaye (1904, no. 209), Kaye (1921, no. 309), Barcant (1970, no. 391)

Urbanus doryssus doryssus (Swainson): Evans (1952), Cock (1982, no. 49), Cock (1986), Beccaloni et al. (2008)

Astraptes talus (Cramer, 1777)

Epargyreus talus (Cramer): Kaye (1904, no. 222), Kaye (1914), Kaye (1921, no. 318), Barcant (1970, no. 404)

Astraptes talus (Cramer): Evans (1952), Cock (1982, no. 50), Cock (1988), Cock (2006b)

Astraptes fulgerator fulgerator (Walch, 1775)

Thymele fulgerator (Walch): Crowfoot (1893), Kaye (1921, no. 327), Barcant (1970, no. 414)

Astraptes fulgerator fulgerator (Walch): Evans (1952), Cock (1982, no. 51), Cock (1988)

Hebert et al. (2004) have shown that in Costa Rica, this “species” actually comprises 10 distinct species with different larvae and food plants, which were subsequently named by Brower (2010) based on their barcodes. I am only aware of one form of this species in Trinidad, which has been only found feeding on *Senna bacillaris* (Cock 1988), and matches none of the Costa Rican species. The caterpillar matches that illustrated by Sepp (1829–1843) for *Papilio fulminator* Sepp, which is currently treated as a synonym of *A. f. fulgerator*.

Astraptes apastus apastus (Cramer, 1777)

Telegonus apastus (Cramer): Crowfoot (1893), Kaye (1904, no. 217), Kaye (1921, no. 322), Barcant (1970, no. 408)

Thymele briccius (Plötz): Kaye (1940, no. 327b), Barcant (1970, no. 417) [synonym]

Astraptes apastus apastus (Cramer): Evans (1952), Cock (1982, no. 52), Cock (1988)

Astraptes enotrus (Stoll, 1781)

Thymele enotrus (Stoll): Godman and Salvin (1893–1901), Kaye (1921, no. 328), Barcant (1970, no. 415)

Thymele egregius (Butler): Kaye (1940, no. 327a), Barcant (1970, no. 416) [misidentification]

Astraptes enotrus (Stoll): Evans (1952), Cock (1982, no. 53), Cock (1988)

Astraptes janeira (Schaus, 1902)

Astraptes granadensis (Möschler): Evans (1952), Cock (1982, no. 54) [misidentification]

Astraptes aulestes (Cramer): Cock (1988) [preoccupied]

Mielke and Casagrande (1992) found *A. janeira* (Schaus) to be the oldest available name for the species previously misidentified as *A. granadensis* (Möschler) by Evans (1952) and Cock (1982), and then as *A. aulestes* (Cramer) (Steinhauser 1986, Cock 1988), which is a preoccupied name.

Astraptes alardus alardus (Stoll, 1790)

Telegonus alardus (Stoll): Crowfoot (1893), Kaye (1904, no. 221), Kaye (1921, no. 325), Barcant (1970, no. 411)

Astraptes alardus alardus (Stoll): Evans (1952), Cock (1982, no. 57), Cock (1988), Beccaloni et al. (2008)

Noting that *A. fulgerator* is a complex of species with very similar adults, but different larvae and food plants (Hebert et al. 2004), the fact that I have reared *A. alardus* from two different larvae (Cock 1988) suggests this species too may be a complex.

Astraptes alector (C. Felder and R. Felder, 1867) *hopfferi* (Plötz, 1881)

Telegonus parmenides (Stoll): Kaye (1914), Kaye (1921, no. 326), Barcant (1970, no. 412) [suggested misidentification – see Cock (1982, 1988)]

Astraptes alector hopfferi (Plötz): Cock (1982, no. 58), Cock (1988), Beccaloni et al. (2008)

Astraptes anaphus (Cramer, 1777) *annetta* Evans, 1952

Telegonus grenadensis Schaus: Kaye (1904, no. 219), Kaye (1921, no. 323), Barcant (1970, no. 409) [part; synonym of another ssp.]

Telegonus anaphus (Cramer): Crowfoot (1893), Kaye (1904, no. 220), Kaye (1921, no. 324), Barcant (1970, no. 410) [part; another ssp.]

Astraptes anaphus anetta Evans: Evans (1952), Cock (1982, no. 59), Cock (1988)

Astraptes anaphus (Cramer, 1777) *anoma* Evans, 1952

Telegonus grenadensis Schaus: Kaye (1904, no. 219), Kaye (1921, no. 323), Barcant (1970, no. 409) [part; synonym of another ssp.]

Telegonus anaphus (Cramer): Kaye (1904, no. 220), Kaye (1921, no. 324) [part; another ssp.]

Astraptes anaphus anoma Evans: Evans (1952) TL, Cock (1982, no. 59), Cock (1988)

The co-occurrence of two subspecies of *A. anaphus* in Trinidad suggests that either they are separate species, or merely forms. Further life history studies and/or molecular studies should throw more light on this.

Narcosius colossus (Herrich-Schäffer, 1869) *granadensis* (Möschler, 1879)

Astraptes colossus rhoda Evans: Cock (1982, no. 55)

Narcosius colossus granadensis (Möschler): Cock (1988)

Narcosius parisi parisi (Williams, 1927)

Astraptes parisi parisi (Williams): Evans (1952), Cock (1982, no. 56)

Narcosius parisi parisi (Williams): Steinhauser (1986), Cock (1988)

Calliades zeutus (Möschler, 1879)

Calliades zeutus (Möschler): Cock (1982, no. 60), Cock (1988)

Autochton neis (Geyer 1832)

Cecropterus neis (Geyer): Kaye (1904, no. 226), Kaye (1921, no. 336), Barcant (1970, no. 429)

Autochton bocus (Plötz): Kaye (1940), Barcant (1970, no. 422) [nomen nudum]

Autochton neis (Geyer): Evans (1952), Cock (1982, no. 61), Cock (1988)

Autochton longipennis (Plötz 1882)

Autochton longipennis (Plötz): Evans (1952), Cock (1982, no. 62), Cock (1988), Beccaloni et al. (2008)

Autochton bipunctatus (Gmelin): Cock (1982) [incorrectly suggested as misidentification of *A. longipennis*]

Autochton zarex (Hübner 1818)

Cecropterus aunus (Fabricius): Kaye (1914), Barcant (1970, no. 427)

Cecropterus anus (Fabricius): Kaye (1921, no. 334) [misspelling of *aunus*, a preoccupied name]

Cecropterus zarex (Hübner): Kaye (1904, no. 225), Kaye (1921, no. 335), Barcant (1970, no. 428)

Autochton zarex (Hübner): Evans (1952), Cock (1982, no. 63), Cock (1988), Beccaloni et al. (2008)

Autochton bipunctatus (Gmelin, [1790])

Thymele bipunctatus (Gmelin): Crowfoot (1893)

Cecropterus bipunctatus (Gmelin): Kaye (1904, no. 228), Kaye (1921, no. 338), Barcant (1970, no. 431)

Autochton bipunctatus (Gmelin): Cock (1982), Cock (1984a), Cock (1988), Beccaloni et al. (2008)

Autochton itylus Hübner 1823

Thymele itylus (Hübner): Crowfoot (1893)

Cecropterus itylus (Hübner): Kaye (1904, no. 227), Kaye (1921, no. 337), Barcant (1970, no. 430)

Autochton itylus Hübner: Cock (1982, no. 64), Cock (1988)

Thessia atthesis (Hewitson 1867)

Urbanus atthesis (Hewitson): Cock (1986) [not a Trinidad species]

Steinhauser (1989) established a new genus, *Thessia*, for this and another related species hitherto placed in the genus *Urbanus*. Previously known from Tobago (Cock 1982), this is a new island record for Trinidad, captured by S. Alston-Smith at Point Gourde (♀ xii.1988; ♀ i.1989) and Chacachacare Island (♀ i.1989; ♂ ii.1997).

Cabares potrillo (Lucas, 1857) *reducta* Mabilie and Boulet, 1919

Cabaris potrillo (Lucas): Kaye (1914), Kaye (1921, no. 436), Barcant (1970, no. 583) [misspelling of genus]

Cabares potrillo reducta Mabilie and Boulet: Evans (1952), Cock (1982, no. 65), Cock (1988)

Spathilepia clonius (Cramer, 1775)

Spathilepia clonius (Cramer): Crowfoot (1893), Kaye (1904, no. 214), Kaye (1921, no. 316), Barcant (1970, no. 402), Evans (1953), Cock (1982, no. 77), Cock (1991)

Cogia calchas (Herrich-Schäffer, 1869)

Aethilla bathyllus (J.E. Smith): Crowfoot (1893) [misidentification]

Thorybes bathyllus (J.E. Smith): Kaye (1904, no. 230), Kaye (1921, no. 339), Barcant (1970, no. 434) [misidentification]

Cogia calchas (Herrich-Schäffer): Kaye (1904, no. 233), Kaye (1921, no. 340), Lindsey (1925), Williams and Bell (1931), Evans (1953), Barcant (1970, no. 435), Cock (1982, no. 78), Cock (1985b), Cock (1991)

Telemiades epicalus Hübner, [1819]

Telemiades epicalus epicalus Hübner: Evans (1953), Cock (1982, no. 79), Cock (1991)

Telemiades epicalus Hübner: Beccaloni et al. (2008)

Evans (1953) treated *T. epicalus* as having three subspecies: *T. e. epicalus*, *T. e. megallus* Mabilie and *T. e. sila* Evans. Steinhauser (1975, 1989) showed that Evans had mixed two different valid species under *T. e. megallus*: *T. choricus* (Schaus) and *T. megallus*. Steinhauser (1989) also raised *T. e. sila* Evans to full species rank, thereby leaving *T. epicalus* monotypic. S. Alston-Smith (pers. comm.) has suggested that there are two different species treated under this name in Trinidad usage, but I have not been able to investigate this.

Telemiades antiope antiope (Plötz, 1882)

Telemiades antiope antiope (Plötz): Cock (1982, no. 80), Cock (1991)

Telemiades antiope (Plötz): Beccaloni et al. (2008)

Bungalotis astylos (Cramer, 1780)

Bungalotis astylos (Cramer): Evans (1952), Cock (1982, no. 67), Cock and Alston-Smith (1990), Beccaloni et al. (2008)

Bungalotis clusia Evans, 1952

This new island record is based upon a single female specimen collected by F.C. Urich at light at Sans Souci Estate, Sangre Grande, iii.1991 (in coll. S. Alston-Smith).

Bungalotis erythus (Cramer, 1775)

Bungalotis erythrus (Cramer): Cock and Alston-Smith (1990) [misspelling]

Bungalotis erythus (Cramer): Beccaloni et al. (2008)

Bungalotis midas (Cramer, 1775)

Thymele midas (Cramer): Crowfoot (1893)

Bungalotis midas (Cramer): Kaye (1904, no. 224), Kaye (1921, no. 331), Evans (1952), Barcant (1970, no. 424), Cock (1982, no. 66), Cock and Alston-Smith (1990)

Bungalotis quadratum quadratum (Sepp, [1845])

Bungalotis quadratum (Sepp): Beccaloni et al. (2008)

S. Alston-Smith found caterpillars on *Inga laurina* at Quinam; this food plant record is cited as a personal communication in Beccaloni et al. (2008).

Salatis salatis (Stoll, 1782)

Bungalotis sebrus (C. Felder and R. Felder): Kaye (1914), Kaye (1921, no. 332), Barcant (1970, no. 425) [synonym]

Salatis salatis (Stoll 1782): Evans (1952), Cock (1982, no. 68), Cock and Alston-Smith (1990), Beccaloni et al. (2008)

Sarmientoia eriopis (Hewitson, 1867)

Sarmientoia eriopis (Hewitson): Beccaloni et al. (2008)

New island record collected by S. Alston-Smith from Andrew's Trace (iii.1992) and St. Anns Ridge (vi.1992) (in coll. S. Alston-Smith).

Nicephellus nicephorus (Hewitson, 1876)

Dyscophellus nicephorus (Hewitson): Cock (1984a), Cock and Alston-Smith (1990)

Austin (2008) establishes this new monotypic genus for *N. nicephorus*, which had been placed in *Dyscophellus*.

Euriphellus euribates euribates (Stoll, 1782)

Nascus euribates (Stoll): Kaye (1940, no. 328c), Barcant (1970, no. 420)

Dyscophellus euribates euribates (Stoll): Cock (1982, no. 69), Cock and Alston-Smith (1990)

Austin (2008) establishes this new monotypic genus for *E. euribates*, which had been placed in *Dyscophellus*.

Dyscophellus porcius porcius (C. Felder and R. Felder, 1862)

Dyscophellus porcius porcius (C. Felder and R. Felder): Cock and Alston-Smith (1990)

Dyscophellus ramusis (Stoll, 1781) *astrapaeus* (Hewitson, 1876)

Bungalotis ramusis (Stoll): Kaye (1921, no. 333), Barcant (1970, no. 426)

Dyscophellus ramusis astrapaeus (Hewitson): Evans (1952), Cock (1982, no. 70), Cock and Alston-Smith (1990)

Austin (2008) removes *D. porsena* Bell from the synonymy of *D. ramusis astrapaeus* to re-establish it as a separate valid species. He then appears to list *D. ramusis astrapaeus* as a synonym of *D. porsena*, which is followed by Warren et al. (2014). However, Austin's text makes it clear that the two are separate taxa, and the apparent synonymy implied must refer to Evans' (1952) partial use of the name *D. ramusis astrapaeus*.

Nascus phocus (Cramer, 1777)

Telegonus phocus (Cramer): Crowfoot (1893)

Nascus phocus (Cramer): Kaye (1904, no. 223), Kaye (1921, no. 329), Evans (1952), Barcant (1970, no. 418), Cock (1982, no. 71), Cock and Alston-Smith (1990), Beccaloni et al. (2008)

Nascus broteas (Cramer, 1780)

Nascus broteas (Cramer): Evans (1952), Cock (1982, no. 72), Cock and Alston-Smith (1990)

Cock and Alston-Smith (1990) were not aware of any recent records of this species, but since then S. Alston-Smith has reared it from Trinidad.

Pseudonascus paullinae (Sepp, [1842])

Nascus calpio (Herrich-Schäffer): Kaye (1921, no. 330) [misspelling of *caepio*, a synonym]

Nascus caepio (Herrich-Schäffer): Kaye (1914), Kaye (1940, no. 330), Barcant (1970, no. 419) [synonym]

Nascus paullinae (Sepp): Evans (1952), Cock (1982, no. 73), Cock and Alston-Smith (1990), Beccaloni et al. (2008)

Austin (2008) establishes this new monotypic genus for *P. paullinae*, which had been placed in *Nascus*.

Ocyba calathana (Hewitson, 1868) *compusa* (Hewitson, 1868)

Caecina calanus Godman and Salvin: Kaye (1904, no. 229), Kaye (1940, no. 338a), Barcant (1970, no. 432) [different ssp.]

Ocyba calathana compusa (Hewitson): Evans (1952), Cock (1982, no. 74), Cock and Alston-Smith (1990), Beccaloni et al. (2008)

PYRGINAE

Pyrrhopygini

Myscelus amystis amystis (Hewitson, 1867)

Myscelus rogersi Kaye: Kaye (1914) TL, Kaye (1921, no. 302) [synonym]

Myscelus hages (Godman and Salvin): Kaye (1921, no. 303), Kaye (1940, no. 303), Barcant (1970, no. 380) [different ssp.]

Myscelus amystis amystis (Hewitson): Evans (1951), Cock (1981c), Cock (1982, no. 6), Beccaloni et al. (2008)

Aspitha aspitha (Hewitson, 1866) *parima* (Plötz, 1886)

Yanguna rufescens (Riley): Kaye (1940, no. 301a), Barcant (1970, no. 383) [another ssp.]

Aspitha aspitha parima (Plötz): Cock (1981c), Cock (1982, no. 7)

Pyrrhopyge phidias phidias (Linnaeus, 1758)

Pyrrhopyge charybdis (Westwood): Crowfoot (1893), Kaye (1904, no. 200), Kaye (1921, no. 298), Barcant (1970, no. 376) [misidentification]

Pyrrhopyge phidias (Linnaeus): Crowfoot (1893), Kaye (1904, no. 201), Kaye (1921, no. 300), Barcant (1970, no. 378)

Pyrrhopyge phidias phidias (Linnaeus): Evans (1951), Cock (1981c), Cock (1982, no. 1), Beccaloni et al. (2008)

Pyrrhopyge proculus proculus Hopffer, 1874

Pyrrhopyge charybdis (Westwood): Crowfoot (1893), Kaye (1904, no. 200), Kaye (1921, no. 298), Barcant (1970, no. 376) [misidentification]

Pyrrhopyge proculus proculus Hopffer: Evans (1951), Cock (1981c), Cock (1982, no. 2)

Pyrrhopyge thericles Mabille, 1891 *ronda* Evans, 1953

Pyrrhopyge charybdis (Westwood): Crowfoot (1893), Kaye (1904, no. 200), Kaye (1921, no. 298), Barcant (1970, no. 376) [misidentification]

Pyrrhopyge thericles guianae Bell: Evans (1951) [misidentification]

Pyrrhopyge thericles ronda Evans: Evans (1953) TL, Cock (1981c), Cock (1982, no. 3)

Pyrrhopyge amyclas amyclas (Cramer, 1779)

Pyrrhopyge amyclas (Cramer): Kaye (1921, no. 299), Barcant (1970, no. 377) [misspelling]

Pyrrhopyge amyclas amyclas (Cramer): Evans (1951), Cock (1981c), Cock (1982, no. 4), Beccaloni et al. (2008), Cock (2008)

Pyrrhopyge amyclas amyclas (Cramer): Cock (1981a) [misspelling]

Elbella etna Evans, 1951

Elbella etna etna Evans: Cock (1984a)

Evans (1951) established this species with two subspecies, but Mielke (1995) synonymised them, and hence the trinomial is no longer necessary. Recent record: ♂ Sangre Grande (ii.1990, S. Alston-Smith). Identification would still benefit from confirmation by examination of the male genitalia (Mielke 1995).

Mysoria barcastus (Sepp, [1851]) *alta* Evans, 1951

Mysoria venezuelae (Scudder): Kaye (1914), Kaye (1921, no. 301), Barcant (1970, no. 379) [different ssp.]

Mysoria barcastus cayennae Mabille and Boulet: Kaye (1940) [synonym of *M. b. venezuelae* (Scudder)]

Mysoria barcastus alta Evans: Evans (1951) TL, Cock (1981c), Cock (1982, no. 5), Cock (2004b), Cock (2008), Beccaloni et al. (2008)

Celaenorrhinini

Celaenorrhinus bifurcus Bell, 1934

Celaenorrhinus bifurcus Bell: Bell (1934) TL, Beccaloni et al. (2008)

Celaenorrhinus similis bifurcus (Bell): Evans (1952), Cock (1982, no. 75), Cock and Alston-Smith (1990)

Evans (1952), and hence Cock (1982) treated *C. bifurcus* as a subspecies of *C. similis* Hayward. More recently, Austin and Steinhauser (1996) return it to full species rank, based on genitalia differences.

Celaenorrhinus eligius eligius (Stoll, 1781)

Celaenorrhinus eligius (Stoll): Kaye (1914), Kaye (1921, no. 343), Barcant (1970, no. 442)

Celaenorrhinus eligius eligius (Stoll): Evans (1952), Cock (1982, no. 76), Cock and Alston-Smith (1990), Beccaloni et al. (2008)

Carcharodini

Polyctor polyctor polyctor (Prittowitz, 1868)

Pellicia polyctor (Prittowitz): Kaye (1921, no. 360), Barcant (1970, no. 464)

Polyctor polyctor polyctor (Prittowitz): Cock (1982, no. 82), Cock (1991), Beccaloni et al. (2008)

Polyctor fera fera (A.G. Weeks, 1901)

A new island record: one female reared by S. Alston-Smith from *Inga* sp. (Quinam, iii.1990). I have discussed the taxonomy of this species with S.R. Steinhauser (pers. comm. 2003). He considered it a good match to *P. diversa* (Williams and Bell), which Evans (1953) and Mielke (2004) treat as a synonym of *Polyctor fera* Weeks. I therefore use the name *P. f. fera* here, but should the two names subsequently be shown to be different species, the Trinidad specimen is referable to *P. diversa*.

Nisoniades bessus (Möschler, 1877)

Pellicia bessus Möschler: Kaye (1921, no. 359), Barcant (1970, no. 463)

Nisoniades bessus bessus (Möschler): Evans (1953), Cock (1982, no. 83)

Nisoniades bessus (Möschler): Cock (1991), Cock (2004b), Beccaloni et al. (2008)

Nisoniades laurentina (Williams and Bell, 1939)

Nisoniades laurentina (Williams and Bell): Evans (1953), Cock (1982, no. 84), Cock (1991), Beccaloni et al. (2008)

Nisoniades rubescens (Möschler, 1877)

Pellicia bromias (Godman and Salvin): Kaye (1940, no. 359a), Barcant (1970, no. 465)

Nisoniades rubescens (Möschler): Evans (1953), Cock (1981a), Manuel (1981), Cock (1982, no. 85), Cock (1991), Beccaloni et al. (2008)

Nisoniades ephora (Herrich-Schäffer, 1870)

Pellicia ephora Herrich-Schäffer: Kaye (1940, no. 355e), Williams and Bell (1931), Barcant (1970, no. 462)

Nisoniades ephora (Herrich-Schäffer): Evans (1953), Cock (1982, no. 86), Cock (1991)

Nisoniades macarius (Herrich-Schäffer, 1870)

Pellicia macareus Herrich-Schäffer: Kaye (1940, no. 355d), Barcant (1970, no. 461) [misspelling]

Nisoniades macarius (Herrich-Schäffer): Cock (1982) [incorrectly suggested to be an error], Cock (1991)

Pellicia costimacula costimacula Herrich-Schäffer, 1870

Pellicia costimacula Herrich-Schäffer: Kaye (1940, no. 355c), Barcant (1970, no. 460)

Pellicia costimacula costimacula Herrich-Schäffer: Cock (1982, no. 87), Cock (1991)

Pellicia tyana (Plötz, 1882) *toza* Evans, 1953

This new island record is based upon a single male caught 27 Feb 1994 by MJWC in the area of mangrove swamp at the base of Point Gourde.

Pellicia tonga Evans, 1953

Pellicia theon tonga Evans: Cock (1984a), Cock (1991)

Steinhauser (1989) raised *P. tonga* to a full species. New records: Guapo (viii.1991, S. Alston-Smith), Inniss Field (♂ at *Eupatorium* flowers, 2 Oct 1994, MJWC).

Pellicia dimidiata dimidiata Herrich-Schäffer, 1870

Pellicia dimidiata Herrich-Schäffer: Kaye (1940, no. 355b), Barcant (1970, no. 459),

Pellicia dimidiata dimidiata Herrich-Schäffer: Evans (1953), Cock (1981a), Cock (1982, no. 88), Cock (1991), Beccaloni et al. (2008)

Noctuana stator (Godman, 1899)

Theagenes stator Godman: Kaye (1940, no. 358a), Barcant (1970, no. 466)

Noctuana stator (Godman): Evans (1953), Cock (1982, no. 89), Cock (1991)

Myrinia myris (Mabille, 1898)

Myrinia myris (Mabille): Cock (1982, no. 90), Cock (1991)

Cyclosemia herennius (Stoll, 1782)

Cyclosemia herennius (Stoll): Kaye (1921, no. 457)

Cyclosemia herrennius (Stoll): Barcant (1970, no. 468) [misspelling]

Cyclosemia herennius herennius (Stoll): Evans (1953), Cock (1982, no. 91), Cock (1991), Beccaloni et al. (2008)

Although Evans (1953) treated this species as having three subspecies, Austin and Warren (2002) raise the other two subspecies to species rank, leaving *C. herennius* monotypic.

Bolla cupreiceps (Mabille, 1891)

Staphylus cupreiceps Mabille: Kaye (1940, no. 367b), Barcant (1970, no. 489)

Bolla cupreiceps (Mabille): Cock (1982, no. 92), Cock (1996)

Staphylus kayei Cock, 1996

Staphylus aurocapilla (Staudinger): Kaye (1904, no. 252), Kaye (1921, no. 375), Barcant (1970, no. 491) [misidentification]

Pholisora sinepunctis (Kaye): Williams and Bell (1940)

Staphylus vulgata sinepunctis (Kaye): Evans (1953), Cock (1982, no. 93) [misidentification of subspecies]

Staphylus sinepunctis (Kaye): Steinhauser (1989) [misidentification]

Staphylus kayei Cock: Cock (1996) TL, Beccaloni et al. (2008)

Staphylus lenis Steinhauser, 1989

Staphylus ascalaphus (Staudinger): Kaye (1904, no. 250), Kaye (1921, no. 373), Barcant (1970, no. 488) [different species]

Staphylus mazans (Reakirt): Draudt (1921–1924), Cock (1985b), Beccaloni et al. (2008) [different species]

Pholisora mazans (Reakirt): Lindsey (1925) [different species]

Staphylus mazans ascalaphus (Staudinger): Evans (1953) [misspelling of subspecies]

Staphylus mazans ascalaphus (Staudinger): Evans (1955), Cock (1982, no. 94) [different species]

Staphylus lenis Steinhauser: Steinhauser (1989) TL, Cock (1996), Beccaloni et al. (2008)

Staphylus tyro (Mabille, 1878)

Staphylus azteca tyro (Mabille): Cock (1981b), Cock (1982, no. 95)

Staphylus tyro (Mabille): Cock (1996)

Still only known from Chacachacare Island and not from the main island of Trinidad itself.

Staphylus sp. indet.

Staphylus sp. indet.: Cock (1996), Beccaloni et al. (2008)

Still only known from reared female specimens (Cock 1996); new locality Moruga East (24 Mar 2003, MJWC).

Erynnini

Gorgythion begga (Prittwitz, 1868) [*pyralina* (Möschler, 1877)]

Gorgythion pyralina (Möschler): Kaye (1904, no. 246), Kaye (1921, no. 369), Barcant (1970, no. 481)

Gorgythion begga (Prittwitz): Williams and Bell (1931)

Gorgythion begga (Prittwitz) f. *pyralina* (Möschler): Williams and Bell (1931)

Gorgythion begga pyralina (Möschler): Evans (1953), Cock (1981a), Cock (1982, no. 96), Cock (1996), Beccaloni et al. (2008)

Gorgythion beggina escalophoides Evans: Beccaloni et al. (2008) [misidentification]

Gorgythion plautia (Möschler, 1877)

- Gorgythion beggoides* Schaus: Schaus (1902) TL, Draudt (1921–1924)
Gorgythion begga beggoides Schaus: Kaye (1940, no. 369a), Barcant (1970, no. 482) [synonym]
Sostrata pusilla manzanilla Kaye: Kaye (1940, no. 359c) TL, Evans (1953), Barcant (1970, no. 469), Cock (1982, no. 107), Cock (1996) [synonym]
Gorgythion begga plautia (Möschler): Evans (1953), Cock (1982, no. 96)
Gorgythion plautia (Möschler): Cock (1996), Beccaloni et al. (2008)
Gorgythion beggina Mabilite, 1898 *escalophoides* Evans, 1953
Gorgythion beggina escalophoides Evans: Evans (1953), Cock (1982, no. 97), Cock (1996)
Sostrata festiva (Erichson, [1849])
Pythonides luculla (Hewitson): Kaye (1914), Kaye (1921, no. 350) [misspelling of *lucullea*, a synonym]
Pythonides lucullea (Hewitson): Barcant (1970, no. 449) [synonym]
Sostrata festiva (Erichson): Evans (1953), Cock (1982, no. 104), Cock (1996), Cock (2004b)
Sostrata bifasciata (Ménétriés, 1829) *adamus* (Plötz, 1884)
Pythonides scintillans (Mabilite): Crowfoot (1893)
Sostrata scintillans (Mabilite): Kaye (1904, no. 238), Kaye (1921, no. 365), Barcant (1970, no. 476) [synonym of *S. b. bifasciata*]
Sostrata leucorrhoea Godman and Salvin: Kaye (1904, no. 239), Kaye (1921, no. 366), Barcant (1970, no. 477) [misidentification of ssp.]
Sostrata bifasciata adamus (Plötz): Evans (1953), Cock (1982, no. 105), Cock (1996)
Mylon lassia (Hewitson, 1868)
Achlyodes pulcherius (R. Felder): Crowfoot (1893) [synonym]
Mylon pulcherius (R. Felder): Kaye (1904, no. 243), Kaye (1921, no. 367), Barcant (1970, no. 478) [synonym]
Mylon lassia (Hewitson): Kaye (1940, no. 367a), Evans (1953), Barcant (1970, no. 479), Cock (1982, no. 108), Cock (1998a), Beccaloni et al. (2008)
Mylon ander Evans, 1953 *andrea* Evans, 1953
Mylon ander andrea Evans: Cock (1982, no. 109), Cock (1998a), Beccaloni et al. (2008)
Mylon maimon (Fabricius, 1775)
Eudamidas melander (Cramer): Kaye (1940, no. 360a), Barcant (1970, no. 471)
Mylon menippus (Fabricius): Evans (1953), Cock (1982, no. 110), Cock (1998a)
Mylon maimon (Fabricius): Beccaloni et al. (2008)
Mielke and Casagrande (2002) report that the long-established name *M. menippus* (Fabricius) is a synonym of *M. maimon*.
Mylon pelopidas (Fabricius, 1793)
Eudamidas ozema (Butler): Kaye (1904, no. 242), Kaye (1921, no. 361), Barcant (1970, no. 470) [synonym]
Mylon pelopidas (Fabricius): Evans (1953), Cock (1982, no. 111), Cock (1984a), Cock (1998a), Beccaloni et al. (2008)
Mylon cristata Austin, 2000
Eudamidas jason (Ehrmann): Williams and Bell (1931)
Eudamidas macaira jason (Ehrmann): Kaye (1940, no. 360b), Barcant (1970, no. 472)
Mylon jason (Ehrmann): Evans (1953), Cock (1982, no. 112), Cock (1998a) [misidentification]
Austin (2000) separates the material that Evans (1953) treated as *M. jason* into several species, some new. I have not examined the female specimen of *M. jason* which Evans lists from Trinidad in the NHM, but a male that I caught at Inniss Field (16 Jan 2004) appears to be *M. cristata*, and for the moment I anticipate this is the only species of this group from Trinidad.
Grais stigmaticus stigmaticus (Mabilite, 1883)
Grais stigmaticus (Mabilite): Kaye (1921, no. 456), Barcant (1970, no. 413)
Grais stigmaticus stigmaticus (Mabilite): Evans (1953), Cock (1982, no. 120), Cock (2000)
Timochares trifasciata trifasciata (Hewitson, 1868)
Timochares trifasciata (Hewitson): Williams and Bell (1931), Kaye (1940, no. 340a), Barcant (1970, no. 436)
Timochares trifasciata trifasciata (Hewitson): Evans (1953), Cock (1981a), Cock (1982, no. 121), Cock (2000), Beccaloni et al. (2008)

- Anastrus sempiternus* (Butler and Druce, 1872) *simplicior* (Möschler, 1877)
Anastrus simplicior (Möschler): Kaye (1904, no. 253), Kaye (1921, no. 355), Barcant (1970, no. 454)
Anastrus sempiternus simplicior (Möschler): Evans (1953), Cock (1982, no. 122), Cock (2000), Beccaloni et al. (2008)
- Anastrus petius petius* (Möschler, 1877)
Anastrus retius (Möschler): Kaye (1940, no. 355a), Barcant (1970, no. 455) [misspelling]
Anastrus petius petius (Möschler): Evans (1953), Cock (1982, no. 123), Cock (2000), Beccaloni et al. (2008)
- Anastrus neaeris neaeris* (Möschler, 1879)
Anastrus obscurus neaeris (Möschler): Cock (2000)
 Austin and Warren (2002) separated *A. obscurus* Hübner and *A. naevis* as valid species, but still recognised *A. nearis narva* Evans as a subspecies, hence the use of the trinomial.
- Ebrietas anacreon anacreon* (Staudinger, 1876)
Ebrietas anacreon anacreon (Staudinger): Evans (1953), Cock (1982, no. 124), Cock (2000)
- Helias phalaenoides phalaenoides* Fabricius, 1807
Helias phalaenoides Fabricius: Crowfoot (1893)
Diphoridas phalaenoides (Fabricius): Kaye (1904, no. 245), Kaye (1921, no. 368), Barcant (1970, no. 480)
Helias phalaenoides phalaenoides Fabricius: Evans (1953), Cock (1982, no. 126), Cock (2000), Beccaloni et al. (2008)
 Austin and Warren (2002) remove two of Evans' (1953) subspecies of *phalaenoides* and raise them to species rank; however, they do not change the status of *H. phalaenoides palpalis* (Latreille), so I continue to use the trinomial here.
- Camptopleura auxo* (Möschler, 1879)
Camptopleura auxo (Möschler): Cock (1984a), Cock (2000)
- Cycloglypha thrasibulus thrasibulus* (Fabricius, 1793)
Achlyodes thrasybulus (Fabricius): Crowfoot (1893) [misspelling]
Camptopleura thrasybulus (Fabricius): Kaye (1904, no. 244), Kaye (1921, no. 364), Barcant (1970, no. 475) [misspelling]
Cycloglypha thrasibulus thrasibulus (Fabricius): Evans (1953), Cock (1982, no. 125), Cock (2000), Beccaloni et al. (2008)
- Chiomara asychis* (Stoll, 1780) *simon* Evans, 1953
Chiomara asychis (Stoll): Kaye (1940, no. 369b), Barcant (1970, no. 483)
Chiomara asychis simon Evans: Evans (1953) TL, Cock (1981a), Cock (1982, no. 127), Cock (2000), Beccaloni et al. (2008)
- Chiomara mithrax* (Möschler, 1879)
Chiomara mithrax (Möschler): Kaye (1914), Kaye (1921, no. 393), Evans (1953), Barcant (1970, no. 484), Cock (1982, no. 128), Cock (2000), Beccaloni et al. (2008)
- Gesta gesta* (Herrich-Schäffer, 1863)
Nisoniades gesta (Herrich-Schäffer): Crowfoot (1893)
Niconiades gesta (Herrich-Schäffer): Kaye (1904, no. 276), Kaye (1921, no. 391), Barcant (1970, no. 517)
Erynnis gesta (Herrich-Schäffer): Williams and Bell (1931)
Gesta gesta gesta (Herrich-Schäffer): Evans (1953), Cock (1982, no. 129), Cock (2000), Beccaloni et al. (2008)
 Although Evans (1953) recognised two subspecies of *G. gesta*, Austin and Warren (2002) treat them both as valid species. *Gesta gesta* is therefore monotypic.
- Ephyriades zephodes* (Hübner, [1825])
Ephyriades otreus (Stoll): Kaye (1940, no. 382a), Barcant (1970, no. 501) [misidentification]
Ephyriades zephodes (Hübner): Evans (1953), Cock (1982, no. 130), Cock (2000)

Achlyodidini

- Achlyodes busirus* (Cramer, 1779) *negro* (Kaye, 1921)
Eantis busiris (Cramer): Kaye (1914)

- Eantis busiris negro* Kaye: Kaye (1921, no. 357) TL, Barcant (1970, no. 457) [misspelling of sp.]
Achlyodes busirus (Cramer) f. *negro* (Kaye): Williams and Bell (1931)
Achlyodes busirus negro (Kaye): Evans (1953), Cock (1982, no. 118), Hernández (1992), Cock (2000), Beccaloni et al. (2008)
- Eantis thraso* (Hübner, [1807])
Eantis thraso (Hübner): Kaye (1914), Kaye (1921, no. 356), Barcant (1970, no. 456)
Eantis papinianus (Poey): Kaye (1921, no. 358), Barcant (1970, no. 458) [a different species]
Achlyodes thraso thraso (Hübner): Evans (1953), Cock (1982, no. 119)
Achlyodes thraso (Hübner): Cock (2000)
Achlyodes mithridates thraso (Hübner [1807]): Mielke (2004), Beccaloni et al. (2008)
 Brown and Heinemann (1972) considered the Jamaican *E. mithridates* (Fabricius) to be a separate species from the mainland *E. thraso*, and Cock (2000) followed this, pointing out the apparent differences in the caterpillars. In his unpublished 1996 honours thesis, A.D. Warren (1996) reinstated the genus *Eantis* for *thraso*, which he considered a valid species, and this was subsequently published (Warren 2000) but without explanation. These changes were not followed by Mielke (2004), but were accepted by Pelham (2008) for the North American checklist, and so are followed here.
- Ouleus fridericus* (Geyer, 1832) *sinopunctis* (Kaye, 1904)
Achlyodes terrens (Schaus): Kaye (1904, no. 237), Kaye (1921, no. 353), Barcant (1970, no. 452)
Staphylus sinopunctis Kaye: Kaye (1904, no. 251) TL, Kaye (1921, no. 374), Barcant (1970, no. 490)
Achlyodes caliginea (Mabille): Kaye (1914), Kaye (1921, no. 354), Barcant (1970, no. 453) [misspelling of *coeliginea*, a synonym of *fridericus*]
Ouleus fridericus (Geyer): Williams and Bell (1931)
Ouleus fridericus trina Evans: Evans (1953) TL, Cock (1982, no. 98) [synonym]
Ouleus fridericus sinopunctis (Kaye): Cock (1996), Beccaloni et al. (2008)
- Zera tetrastigma tetrastigma* (Sepp, [1847])
Pythonides menedemus Godman and Salvin: Kaye (1921, no. 345), Barcant (1970, no. 444) [synonym]
Pythonides pelopea Godman and Salvin: Kaye (1914), Kaye (1921, no. 351), Barcant (1970, no. 450)
Quadrus pelopea (Godman and Salvin): Lindsey (1925)
Zera tetrastigma tetrastigma (Sepp): Evans (1953), Cock (1982, no. 99), Cock (1996)
- Quadrus cerialis* (Stoll, 1782)
Pythonides cerialis (Stoll): Crowfoot (1893), Kaye (1904, no. 236), Kaye (1921, no. 349), Barcant (1970, no. 448)
Quadrus cerealis (Stoll): Evans (1953), Cock (1982, no. 100) [misspelling]
Quadrus cerialis (Stoll): Cock (1996), Cock (2004b), Beccaloni et al. (2008)
- Quadrus contubernalis contubernalis* (Mabille, 1883)
 New island record: ♂ collected Mt. Tamana, 14 Oct 1995, MJWC.
- Quadrus lugubris* (R. Felder, 1869) *ophia* (Butler, 1870)
Pythonides lugubris (R. Felder): Kaye (1904, no. 235), Kaye (1921, no. 348), Barcant (1970, no. 447)
Quadrus lugubris (R. Felder): Williams and Bell (1931)
Quadrus lugubris ophia (Butler): Evans (1953), Cock (1982, no. 101), Cock (1996), Beccaloni et al. (2008)
- Pythonides jovianus jovianus* (Stoll, 1782)
Pythonides jovianus jovianus (Stoll): Evans (1953), Cock (1982, no. 102)
Pythonides pvianus jovianus (Stoll): Cock (1996) [misspelling]
 Evans (1953) treated *Pythonides jovianus* as having four subspecies, but Austin and Warren (2002) suggest that it should be treated as a single variable species pending further study. This species still needs confirmation from Trinidad.
- Pythonides limaea* (Hewitson, 1868)
Pythonides limaea limaea (Hewitson): Evans (1953), Cock (1982, no. 103), Cock (1996), Cock (2004b), Beccaloni et al. (2008)
 This species is now monotypic, its former subspecies having been raised to species rank by Austin and Warren (2002).
- Milanion hemes hemes* (Cramer, 1777)
Melanion hemes (Cramer): Kaye (1914), Kaye (1921, no. 352) [misspelling of genus]

Malanion hemes (Cramer): Barcant (1970, no. 451) [misspelling of genus]

Milanion hemes hemes (Cramer): Evans (1953), Cock (1982, no. 105), Cock (1998a), Cock (2004b), Beccaloni et al. (2008)

Pyrgini

Clito trinidadensis Cock, 1998

Clito littera littera (Mabille): Cock (1982, no. 113) [misidentification]

Clito trinidadensis Cock: Cock (1998a) TL

Clito aberrans (Draudt, 1923)

Clito clito (Fabricius): Cock (1982, no. 114), Cock (1998a) [misidentification]

Mielke and Casagrande (2002) report that Evans (1953) misidentified *Clito clito*, which, based on a syntype, is actually a species of *Milanion*. The next available name for the species which Evans (1953) and Cock (1982) treated as *C. clito* is *C. aberrans*.

Clito zelotes (Hewitson, 1873)

Clito zelotes (Hewitson): Cock (1998a)

Spioniades artemides (Stoll, 1782)

Pythonides artemides (Stoll): Kaye (1921, no. 346), Barcant (1970, no. 445)

Spioniades artemides (Stoll): Cock (1982, no. 81), Cock (1991)

Xenophanes tryxus (Stoll, 1780)

Pythonides tryxus (Stoll): Crowfoot (1893)

Xenophanes tryxus (Stoll): Kaye (1904, no. 234), Evans (1953), Cock (1981a), Cock (1982, no. 115), Cock (1998a), Beccaloni et al. (2008)

Pythonides tryxus (Stoll): Kaye (1921, no. 347), Barcant (1970, no. 446)

Antigonus nearchus (Latreille, [1817])

Antigonus nearchus (Latreille): Crowfoot (1893), Kaye (1904, no. 240), Kaye (1921, no. 362), Evans (1953), Barcant (1970, no. 473), Cock (1982, no. 116), Cock (1998a), Beccaloni et al. (2008)

Antigonus erosus (Hübner, [1812])

Antigonus erosus (Hübner): Crowfoot (1893), Kaye (1904, no. 241), Kaye (1921, no. 363), Evans (1953), Barcant (1970, no. 474), Cock (1982, no. 117), Cock (1998a), Beccaloni et al. (2008)

Pyrgus orcus (Stoll, 1780)

Hesperia syrighthus (Fabricius): Crowfoot (1893) [misspelling of synonym]

Hesperia syrictus (Fabricius): Kaye (1904, no. 247), Kaye (1921, no. 370), Barcant (1970, no. 485) [misidentification of synonym of *oileus* Linnaeus]

Hesperia ruralis (Boisduval): Kaye (1904, no. 248), Kaye (1921, no. 371), Barcant (1970, no. 486) [misidentification]

Urbanus syrictus (Fabricius): Lindsey (1925) [misidentification]

Pyrgus oileus orcus (Stoll): Evans (1953), Cock (1981b), Beccaloni et al. (2008)

Pyrgus orcus (Stoll): Williams and Bell (1931), Cock (1982, no. 131), Cock (2000), Cock (2001)

In Cock (1982) and subsequent papers, I followed Brown and Heineman (1972) in treating *P. orcus* Stoll as a valid species; Austin and Warren (2001) confirm this and formally raise *P. orcus* to species status.

Heliopyrgus domicella domicella (Erichson, [1849])

Heliopetes domicella (Erichson): Cock (1981b)

Heliopetes domicella domicella (Erichson): Cock (1982, no. 132), Cock (2000)

Austin and Warren (2001) point out and endorse that J.V. Herrera transferred *H. domicella* to his new genus *Heliopyrgus* (Herrera et al. 1957).

Heliopetes laviana (Hewitson, 1868) *leca* (Butler, 1870)

Heliopetes laviana leca (Butler): Cock (2000)

Still only known from Chacachacare Island and not from the main island of Trinidad itself.

Heliopetes arsalte (Linnaeus, 1758)

Leucochitonia arsalte (Linnaeus): Crowfoot (1893)

Heliopetes arsalte (Linnaeus): Kaye (1904, no. 249), Kaye (1921, no. 372), Williams and Bell (1931), Barcant (1970, no. 487)

Heliopetes arsalte arsalte (Linnaeus): Evans (1953), Cock (1982, no. 133), Cock (2000), Beccaloni et al. (2008)

Evans (1953) treated *H. arsalte* as having two subspecies, but Austin and Warren (2001) raise *H. marginata* Hayward to species level, leaving *H. arsalte* monotypic.

HESPERIINAE

Tribus Incertae Sedis

(from Evans 1955 *Carystus* group)

Perichares philetes philetes (Gmelin, [1790])

Carystus corydon Fabricius: Crowfoot (1893) [misspelling of *coridon*, preoccupied]

Perichares corydon (Fabricius): Kaye (1904, no. 284), Kaye (1921, no. 450), Barcant (1970, no. 603) [misspelling of *coridon*, preoccupied]

Perichares philetes (Gmelin): Box (1953), Beccaloni et al. (2008)

Perichares philetes philetes (Gmelin): Evans (1955), Cock (1982, no. 213), Cock (2005)

Although Mielke (2004) treats *P. philetes* as having subspecies, Warren et al. (2014) treat it as monotypic. The discovery by Burns et al. (2008) that in Costa Rica there is a complex of at least four species treated as *P. philetes* certainly indicates that *P. philetes* needs reevaluation throughout its range, so the subspecies question is considered open and left unchanged for now.

Perichares philetes group (palm feeder)

Burns et al. (2008) divided *P. philetes* into four species in Costa Rica, two feeding on grasses and two on palms, and pointed out that there must be at least two species treated under this name in Trinidad since both food plant groups are used (Cock 2005).

Perichares lotus (Butler, 1870)

Perichares heroni Kaye: Kaye (1904, no. 285) TL, Draudt (1921–1924) [synonym]

Perichares lotus (Butler): Kaye (1904, no. 286), Kaye (1921, no. 448), Evans (1955), Barcant (1970, no. 601), Cock (1982, no. 214), Cock (2005)

Orses cynisca (Swainson, 1821)

Carystus cynisca (Swainson): Crowfoot (1893)

Orses cynisca (Swainson): Godman and Salvin (1893–1901), Kaye (1904, no. 283), Kaye (1921, no. 444), Evans (1955), Barcant (1970, no. 591), Cock (1982, no. 216), Cock (2005), Beccaloni et al. (2008)

(from Evans 1955 *Calpodus* group)

Pyrrhopygopsis socrates (Ménétriés, 1885) *orasus* (Druce, 1876)

f. *orasus* (Druce 1876)

f. *socrates* (Ménétriés, 1885)

Pyrrhopygopsis socrates (Ménétriés): Kaye (1921, no. 453), Barcant (1970, no. 592)

Pyrrhopygopsis socrates orasus (Druce) f. *orasus*: Evans (1955)

Pyrrhopygiopsis socrates orasus (Druce): Cock (1982, no. 272), Cock (2003a) [misspelling of genus]

Pyrrhopygopsis socrates orasus (Druce): Beccaloni et al. (2008)

Although f. *socrates* seems to be the normal form in Trinidad, f. *orasus* also occurs (Cock 2003a).

Calpodini

Turesis complanula (Herrich-Schäffer, 1869)

Turesis lucas (Fabricius): Evans (1955), Cock (1982, no. 188) [misidentification]

Turesis complanula (Herrich-Schäffer): Cock (2009)

Ebusus ebusus ebusus (Stoll, 1780)

Eutheus ebusus (Stoll): Crowfoot (1893) [misspelling of *Entheus*]

Phanus ebusus (Stoll): Kaye (1904, no. 232), Kaye (1921, no. 342), Barcant (1970, no. 440)

Carystus ebusus (Stoll): Kaye (1940, no. 428b), Barcant (1970, no. 571)

Ebusus ebusus (Stoll): Evans (1955), Cock (1982, no. 199)

Ebusus ebusus ebusus (Stoll): Cock (2005)

Argon lota (Hewitson, 1877)

Cobalus argus Möschler: Kaye (1921, no. 455), Barcant (1970, no. 523)

Argon argus (Möschler): Evans (1955), Cock (1981a), Cock (1982, no. 200)

- Argon lota* (Hewitson): Cock (2005)
Argon cerymicoides (Burmeister): Beccaloni et al. (2008) [synonym]
- Talides sergestus* (Cramer, 1775)
Talides sergestus (Cramer): Godman and Salvin (1893–1901), Kaye (1904, no. 281), Kaye (1921, no. 452), Evans (1955), Barcant (1970, no. 593), Cock (1982, no. 202), Cock (2005), Beccaloni et al. (2008)
Talides sergestus (Cramer) f. *adjunctus* (Plötz): Draudt (1921–1924) [*adjuncta* is a synonym]
- Talides sinois* Hübner, [1819]
Talides sinois sinois Hübner: Evans (1955), Cock (1982, no. 203)
Talides sinois Hübner: Cock (2005)
- Carystus jolus* (Stoll, 1782)
Carystus bursa (Hewitson): Kaye (1940, no. 428e), Barcant (1970, no. 574) [synonym]
Carystus jolus (Stoll): Evans (1955), Cock (1982, no. 204), Cock (2005)
- Carystus ploetzi* Mielke and Casagrande 2002
Carystus claudianus (Latreille): Kaye (1940, no. 428a), Barcant (1970, no. 570) [misidentification]
Carystus senex (Plötz): Cock (1982, no. 205) [misidentification]
Carystus ploetzi Mielke and Casagrande: Cock (2005)
- Carystus phorcus phorcus* (Cramer, 1777)
Carystus phorcus (Cramer): Kaye (1940, no. 428d), Barcant (1970, no. 573)
Carystus phorcus phorcus (Cramer): Evans (1955), Cock (1981a), Cock (1982, no. 206), Cock (2005)
- Moeros moeros* (Möschler, 1877)
Argon casca Bell: Bell (1959) TL, Cock (1982, no. 201) [synonym]
Moeros moeros (Möschler): Cock (2005)
- Cobalus virbius virbius* (Cramer, 1777)
Carystus virbius (Cramer): Crowfoot (1893)
Cobalus virbius (Cramer): Kaye (1904, no. 256), Kaye (1921, no. 395), Barcant (1970, no. 522)
Cobalus virbius virbius (Cramer): Evans (1955), Cock (1982, no. 208), Cock (2005), Beccaloni et al. (2008)
- Damas clavus* (Herrich-Schäffer, 1869)
Damas clavus (Herrich-Schäffer): Cock (2005)
- Carystoides basoches* (Latreille, 1824)
Carystoides basochesi (Latreille): Godman and Salvin (1893–1901) [misspelling]
Carystoides basochesii (Latreille): Kaye (1904, no. 282), Kaye (1921, no. 442), Barcant (1970, no. 589) [misspelling]
Carystoides basoches basoches (Latreille): Evans (1955), Cock (1982, no. 209)
Carystoides basoches (Latreille): Cock (2005)
- Carystoides noseda* (Hewitson, 1866)
Thamesion noseda (Hewitson): Kaye (1921, no. 461), Barcant (1970, no. 582)
Carystoides noseda (Hewitson): Evans (1955), Cock (1982, no. 210), Cock (2005)
- Carystoides sicania* (Hewitson, 1876) *orbis* (Godman 1901)
Carystoides sicania orbis (Godman): Evans (1955), Cock (1982, no. 211), Cock (2005)
- Carystoides cathaea* (Hewitson, 1866)
Carystoides cathaea (Hewitson): Kaye (1921, no. 443), Barcant (1970, no. 590), Cock (1982, no. 212), Cock (2005)
- Calpodes ethlius* (Stoll, 1782)
Calpodes ethlius (Stoll): Kaye (1904, no. 273), Kaye (1921, no. 384), Urich (1932), Myers (1935a, b), Evans (1955), Barcant (1970, no. 506), Cock (1982, no. 245), Cock (1985b), Cock (2001), Cock (2003a), Beccaloni et al. (2008)
- Panoquina panoquinoides* (Skinner, 1891) ? ssp.
Phlebodes sp. nr. *torax* Evans: Cock (1981a) [misidentification], Cock (1984a) [correction]
Panoquina panoquinoides panoquinoides (Skinner): Cock (1982) [incorrectly given as not a Trinidad species], Cock (1984a)
Panoquina panoquinoides (Skinner) Trinidad population: Cock (1984a), Cock (2003a), Beccaloni et al. (2008)

The subspecies of *P. panoquinoides* need further work (Cock 2003a), so no subspecies are attributed to the Trinidad population at this time.

Panoquina ocola ocola (W.H. Edwards, 1863)

Prenes ocola (W.H. Edwards): Kaye (1914), Kaye (1921, no. 386), Barcant (1970, no. 509)

Panoquina ocola (W.H. Edwards): Evans (1955), Cock (1981a), Cock (1982, no. 246)

Panoquina ocola ocola (W.H. Edwards): Cock (2003a)

Panoquina hecebolus (Scudder, 1872)

Panoquina hecebolus (Scudder): Box (1953), Evans (1955), Cock (1982, no. 247), Cock (2003a)

Panoquina lucas lucas (Fabricius, 1793)

Prenes accius (J.E. Smith): Kaye (1921, no. 460), Barcant (1970, no. 510) [misidentification]

Panoquina sylvicola (Herrich-Schäffer): Evans (1955), Cock (1982, no. 248), Cock (2001)

Panoquina lucas (Fabricius): Cock (2003a)

Panoquina l. woodruffi Watson was described from Puerto Rico and is found on the Caribbean islands apart from Cuba. Evans (1955) treated *P. l. woodruffi* as a synonym of *P. sylvicola* (i.e. *P. lucas*), and Riley (1975) considered it a recurrent form, but several authors continued to use *P. l. woodruffi* for the Caribbean population, e.g. Smith et al. (1994), albeit with reservations, and both subspecies are accepted by Mielke (2004); hence the use of the trinomial here.

Panoquina fusina fusina (Hewitson, 1868)

f. *fusina* (Hewitson, 1868)

f. *fufidia* (Hewitson, 1877)

Panoquina sylvicola (Herrich-Schäffer) f. *fusina* (Hewitson): Williams and Bell (1931)

Panoquina fusina evansi (Freeman): Evans (1955), Cock (1982, no. 249) [misidentification of subspecies]

Panoquina fusina sonta Evans: Cock (1982, no. 249) [misidentification of subspecies]

Panoquina fusina fusina (Hewitson): Cock (2003a)

The species is found in two forms in Trinidad: *fusina* and *fufidia*, indicating that further work is needed to clarify their status.

Panoquina evadnes (Stoll, 1781)

Proteides evadnes (Stoll): Crowfoot (1893), Kaye (1904, no. 216), Kaye (1921, no. 320), Barcant (1970, no. 406)

Panoquina evadnes (Stoll): Evans (1955), Cock (1982, no. 250), Cock (2003a)

Zenis jebus (Plötz, 1882) *hemizona* (Dyar, 1918)

Carystus minos (Latreille): Crowfoot (1893) [misidentification]

Zenis minos (Latreille): Kaye (1904, no. 278), Kaye (1921, no. 431) [misidentification]

Zenis jebus janka Evans: Evans (1955), Cock (1982, no. 251), Cock (2003a) [synonym]

Although Evans (1955) treated *Z. j. hemizona* as a synonym of *Z. minos*, Mielke (2005) recognises it as a ssp. of *Z. jebus* and the senior name for *Z. jebus janka* Evans.

Saliana mathiolus (Herrich-Schäffer, 1869)

Thracides verecundus Riley: Riley (1921) TL, Kaye (1921, no. 462), Barcant (1970, no. 600) [synonym]

Saliana mathiolus (Herrich-Schäffer): Evans (1955), Cock (1982, no. 260), Cock (2003a)

Saliana triangularis (Kaye, 1914)

Nyctus triangularis Kaye: Kaye (1914) TL, Kaye (1921, no. 383), Barcant (1970, no. 503)

Thracides hermesia (Hewitson): Williams and Bell (1931) [misidentification]

Saliana triangularis (Kaye): Evans (1955), Cock (1982, no. 261), Cock (2003a), Beccaloni et al. (2008)

Williams and Bell (1931) reported two males of *Vacerra hermesia* (Hewitson) (as *Thracides hermesia*) from Port of Spain, 12 Jul 1927. Cock (2003a) overlooked this, but there have been no subsequent records of this Andean species from Trinidad. Evans (1955) notes that the illustration of *V. hermesia* in Seitz (Draudt 1921–1924) is of *S. triangularis*, and I note that the male genitalia that Williams and Bell (1931, fig. 34) illustrate for *V. hermesia* resemble those of *S. triangularis* and do not match those of *V. hermesia* in Evans (1955). I conclude that Williams and Bell's (1931) record is referable to *S. triangularis*.

Saliana hewitsoni (Riley, 1926)

Saliana hewitsoni (Riley): Cock (1982, no. 262), Cock (2003a)

Saliana esperi esperi Evans, 1955

- Thracides telegonus* (Esper): Kaye (1940, no. 447b), Williams and Bell (1931), Barcant (1970, no. 598) [preoccupied]
- Saliana esperi* Evans: Evans (1955), Cock (1982, no. 263), Cock (2003a)
- Saliana esperi* was considered monotypic (Evans 1955; Cock 1982, 2003a), but Smith and Hernández (1992) described a new subspecies from Cuba (see also Smith et al. 1994), so the trinomial form is now appropriate.
- Saliana antoninus* (Latreille, [1824])
- Carystus antonius* (Latreille): Crowfoot (1893) [misspelling]
- Thracides antoninus* (Latreille): Kaye (1904, no. 288), Kaye (1921, no. 447), Kaye (1940, no. 447)
- Thracides longirostris* (Sepp): Kaye (1940, no. 447) [incorrect synonym]
- Nyctus triangularis* Kaye: Kaye (1940, no. 447) [incorrect synonym]
- Saliana antoninus* (Latreille): Evans (1955), Cock (1982, no. 264), Cock (2003a), Beccaloni et al. (2008)
- Thracides antonius* (Latreille): Barcant (1970, no. 596) [misspelling]
- Saliana longirostris* (Sepp, [1840])
- Thracides longirostris* (Sepp): Kaye (1904, no. 289), Kaye (1921, no. 446), Draudt (1921–1924), Barcant (1970, no. 595)
- Saliana longirostris* (Sepp): Evans (1955), Cock (1982, no. 265), Cock (2003a), Beccaloni et al. (2008)
- Saliana salius* (Cramer, 1775)
- Perichares salius* (Cramer): Kaye (1914), Kaye (1921, no. 451)
- Thracides salius* (Cramer): Kaye (1940, no. 446a), Barcant (1970, no. 597)
- Saliana salius* (Cramer): Cock (1982, no. 266), Cock (2003a), Cock (2004b), Beccaloni et al. (2008)
- Saliana saladin* Evans, 1955 *culta* Evans, 1955
- Saliana saladin culta* Evans: Cock (1982, no. 267), Cock (2003a), Beccaloni et al. (2008)
- Thracides arcalaus* (Stoll, 1782)
- Thespheus submarmorata*: Kaye (1925) TL [synonym]
- Telles arcalaus* (Stoll): Kaye (1940, no. 388a), Evans (1955), Barcant (1970, no. 514), Cock (2005), Beccaloni et al. (2008)
- Telles arcalus* (Stoll): Cock (1982, no. 207) [misspelling]
- Burns et al. (2009) synonymised *Telles* with *Thracides*.
- Thracides cleanthes* (Latreille, [1824]) *binota* Evans, 1955
- Thracides cleanthes binota* Evans: Evans (1955), Cock (1982, no. 268), Cock (2003a)
- Thracides nanea* (Hewitson): Cock (1982, no. 268) [incorrectly suggested as misidentification]
- Thracides nanea nanea* (Hewitson, 1867)
- Thracides nanea* (Hewitson): Kaye (1940, no. 447c), Barcant (1970, no. 599), Beccaloni et al. (2008)
- Thracides nanea nanea* (Hewitson): Cock (2003a)
- Thracides phidon* (Cramer, 1779)
- Thracides phidon* (Cramer): Kaye (1904, no. 287), Kaye (1921, no. 445), Evans (1955), Barcant (1970, no. 594), Cock (1982, no. 269), Cock (2003a), Beccaloni et al. (2008)
- Aides brino* (Stoll, 1781)
- Aides brino* (Stoll): Cock (2003a)
- Aides aegita* (Hewitson, 1866)
- Proteides aegita* (Hewitson): Crowfoot (1893), Kaye (1904, no. 217), Kaye (1921, no. 321), Barcant (1970, no. 407)
- Paraides anchora* (Hewitson): Kaye (1914), Kaye (1921, no. 387), Draudt (1921–1924), Barcant (1970, no. 512)
- Aides aegita* (Hewitson): Cock (1982, no. 258), Beccaloni et al. (2008)
- Neoxeniades braesia braesia* (Hewitson, 1867)
- Neoxeniades braesia braesia* (Hewitson): Cock (1982, no. 270), Cock (2003a)
- Neoxeniades scipio* (Fabricius, 1793) *fulguratoides* (Kaye, 1925) (type)
- Tisias fulguratoides* Kaye: Kaye (1925) TL, Kaye (1940, no. 328a), Barcant (1970, no. 421)
- Neoxeniades scipio fulguratoides* (Kaye): Evans (1955), Cock (1982, no. 271), Cock (2003a), Beccaloni et al. (2008)

Anthoptini

Synapte silius (Latreille, [1824])

Cymaenes lunata (Plötz): Kaye (1940, no. 435b), Barcant (1970, no. 578)

Synapte silius (Latreille): Cock (1982, no. 135), Cock (2010a)

Synapte malitiosa (Herrich-Schäffer, 1865) *pericles* (Möschler, 1879)

Pamphila malitiosa (Herrich-Schäffer): Crowfoot (1893)

Cymaenes malitiosa (Herrich-Schäffer): Kaye (1914), Kaye (1921, no. 434), Draudt (1921–1924), Barcant (1970, no. 575)

Cymaenes pericles (Möschler): Kaye (1914), Kaye (1921, no. 435)

Godmania silius (Latreille): Lindsey (1925), Williams and Bell (1931) [misidentification]

Cymaenes silius pericles Möschler: Kaye (1940, no. 435), Barcant (1970, no. 576)

Synapte malitiosa pericles (Möschler): Evans (1955), Cock (1982, no. 136), Beccaloni et al. (2008), Cock (2010a)

Propapias sipariana (Kaye, 1925) (type)

Cymaenes sipariana Kaye: Kaye (1925) TL, Kaye (1940, no. 435a), Barcant (1970, no. 577)

Rhithon proximus Bell: Bell (1934) PTL [synonym]

Papias proximus (Bell): Cock (1982, no. 173)

Propapias sipariana (Kaye): Cock (2010a)

Anthoptus epictetus (Fabricius, 1793)

Pamphila epictetus (Fabricius): Crowfoot (1893)

Padraona epictetus (Fabricius): Kaye (1904, no. 272), Kaye (1921, no. 427), Williams and Bell (1931), Barcant (1970, no. 565)

Anthoptus epictetus (Fabricius): Evans (1955), Cock (1982, no. 138), Cock (2010a)

Anthoptus maracanae (Bell, 1934)

Potanthus maracanae Bell: Bell (1934) TL

Padraona maracanae (Bell): Kaye (1940, no. 427a), Barcant (1970, no. 567)

Anthoptus calcarea maracanae (Bell): Evans (1955), Cock (1982, no. 139)

Anthoptus maracanae (Bell): Cock (2010a)

Anthoptus insignis (Plötz, 1882)

Mnasitheus simplicissima (Herrich-Schäffer): Kaye (1921, no. 417) [misidentification]

Mnasitheus simplicissimus (Herrich-Schäffer): Barcant (1970, no. 555) [misspelling; misidentification]

Nastra insignis (Plötz): Evans (1955), Cock (1982, no. 157)

Anthoptus insignis (Plötz): Cock (2010a), Cock (2013a)

Corticea corticea (Plötz, 1882)

Megistias epiberus (Mabille): Kaye (1904, no. 266), Kaye (1921, no. 424), Draudt (1921–1924), Barcant (1970, no. 562), Cock (1982, no. 140) [synonym of *C. lysias*; misidentification]

Corticea corticea corticea (Plötz): Evans (1955), Cock (1981a), Cock (1982, no. 140)

Corticea corticea (Plötz): Beccaloni et al. (2008), Cock (2010a)

Corticea lysias lysias (Plötz, 1883)

Corticea lysias lysias (Plötz): Cock (2010a)

Moncini

Lento xanthina (Mabille, 1891)

Lento xanthina (Mabille): Cock (1982, no. 137), Cock (2010a)

Vinius exilis exilis (Plötz, 1883)

Vinius exilis exilis (Plötz): Cock (1982, no. 141), Cock (2010a)

Vinius tryhana tryhana (Kaye, 1914)

Padraona tryhana (Kaye): Kaye (1914) TL, Kaye (1921, no. 428), Barcant (1970, no. 566)

Vinius tryhana tryhana (Kaye): Evans (1955), Cock (1982, no. 142), Cock (2010a)

Callimormus alsimo (Möschler, 1883)

Callimormus filata (Plötz): Kaye (1914), Kaye (1921, no. 439), Draudt (1921–1924), Barcant (1970, no. 586) [synonym]

Callimormus radiola (Mabille): Williams and Bell (1931) [misidentification]

- Callimormus alsimo* (Möschler): Evans (1955), Cock (1982, no. 143), Cock (2011)
 The record of a male *C. radiola* from Port of Spain, 12 Jul 1927, in Williams and Bell (1931) was overlooked in Cock (2011). *Callimormus radiola radiola* occurs in the Guianas and Venezuela, so it might be expected to occur in Trinidad. However, given that there have been no further records, and Williams and Bell (1931) considered *C. filata* to be a synonym of *C. radiola*, when actually it is a synonym of *C. alsimo* (Evans 1955, Mielke 2004), their record is likely to represent *C. alsimo*.
- Callimormus corades* (C. Felder, 1863)
Callimormus corades (C. Felder): Cock (2011)
- Callimormus saturnus* (Herrich-Schäffer, 1869)
Pamphila corades (C. Felder): Crowfoot (1893) [misidentification]
Callimormus corades (C. Felder): Kaye (1914), Kaye (1921, no. 440), Draudt (1921–1924), Lindsey (1925), Williams and Bell (1931), Barcant (1970, no. 587) [misidentification]
Callimormus saturnus (Herrich-Schäffer): Evans (1955), Cock (1981b), Cock (1982, no. 144), Cock (2011)
- Mnasicles hicetaon* Godman, 1901
Mnasitheus uniformis (Butler and Druce): Kaye (1921, no. 418) [suggested misidentification]
Perimeles stollmeyer Bell: Bell (1932) TL [synonym]
Mnasicles hicetaon Godman: Evans (1955), Cock (1982, no. 148)
Mnasicles hicetaon Godman: Cock (1981a) [misspelling]
Mnasalcus uniformis (Butler and Druce): Barcant (1970, no. 556) [suggested misidentification]
Moeris stollmeyer (Bell): Evans (1955), Cock (1982, no. 167) [synonym], Cock (2011) [synonym]
- Remella remus* (Fabricius, 1798)
Pamphila remus (Fabricius): Crowfoot (1893)
Perimeles remus (Fabricius): Kaye (1914), Kaye (1921, no. 401), Draudt (1921–1924), Barcant (1970, no. 531)
Moeris remus (Fabricius): Evans (1955), Cock (1982, no. 165)
Remella remus (Fabricius): Cock (2011)
- Remella vopiscus* (Herrich-Schäffer, 1869)
Moeris vopiscus vopiscus (Herrich-Schäffer): Evans (1955), Cock (1982, no. 166)
Remella vopiscus (Herrich-Schäffer): Cock (2011)
- Eutocus facilis* (Plötz, 1884)
Eutocus facilis (Plötz): Evans (1955), Cock (1982, no. 145), Cock (2013a)
- Eutocus vetulus vetulus* (Mabille, 1883)
Eutocus matildae vinda Evans: Evans (1955), Cock (1982, no. 146), Cock (1984a) [synonym]
Eutocus vetulus vetulus (Mabille): Cock (2011)
 Warren et al. (2014) treat *E. vetulus* as monotypic (i.e. *E. matildae* is a separate species, not a subspecies), but I have found no published justification for this.
- Eprius veleda veleda* (Godman, 1901)
Epeus veleda (Godman): Kaye (1914) [*Epeus* is an unavailable homonym]
Epius veleda (Godman): Kaye (1921, no. 438), Barcant (1970, no. 585) [misspelling of *Epeus*]
Eprius velada velada (Godman): Evans (1955), Cock (1982, no. 147) [misspelling]
Eprius veleda veleda (Godman): Cock (2013a)
- Methionopsis ina* (Plötz, 1882)
Methionopsis modestus Godman: Kaye (1904, no. 268), Kaye (1921, no. 437), Barcant (1970, no. 584) [synonym]
Mnasitheus simplicissima (Herrich-Schäffer): Draudt (1921–1924), Williams and Bell (1931) [misidentification]
Methionopsis ina (Plötz): Evans (1955), Cock (1982, no. 149), Cock (2013a)
 The record of *Mnasitheus simplicissima* by Williams and Bell (1931) from Port of Spain, 12 Jul 1927, was overlooked by Cock (2013a). Since no specimens of *M. simplicissima* have subsequently been confirmed from Trinidad, it is suggested here to be a misidentification, following the treatment by Godman and Salvin (1893–1901) in which the adult and male genitalia of *Methionopsis ina* are illustrated as *Mnasitheus simplicissima* (Evans 1955).
- Thargella caura caura* (Plötz, 1882)

- Thargella fuliginosa* Godman: Kaye (1904, no. 264), Kaye (1921, no. 416), Barcant (1970, no. 554)
Thargella caura caura (Plötz): Evans (1955), Cock (1982, no. 152), Cock (2013a)
- Phanes aletes* (Geyer, 1832)
Phanes aletes (Geyer): Evans (1955), Cock (1982, no. 153), Cock (2011)
- Phanes almoda* (Hewitson, 1866)
Phanis almoda (Hewitson): Kaye (1904, no. 260), Kaye (1921, no. 406) [misspelling of genus]
Phanes almoda (Hewitson): Evans (1955), Barcant (1970, no. 536), Cock (1982, no. 154), Cock (2011)
- Sodalia sodalis* (Butler, 1877)
Euroto saramacca Williams and Bell: Williams and Bell (1931) PTL [synonym]
Sodalia sodalis (Butler): Evans (1955), Cock (2013a)
- Artines aepitus* (Geyer, 1832)
Artines atizies Godman: Godman (1901) (in Godman and Salvin 1893–1901) PTL, Kaye (1904, no. 261), Kaye (1921, no. 441), Draudt (1921–1924), Williams and Bell (1931), Barcant (1970, no. 588)
Artines aepitus (Geyer): Evans (1955), Cock (1982, no. 150), Cock (2011)
- Flaccilla aecas* (Stoll, 1781)
Flacilla aecas (Stoll): Kaye (1914), Draudt (1921–1924) [misspelling of genus]
Flacilia aecas (Stoll): Kaye (1921, no. 433), Barcant (1970, no. 581) [misspelling of genus]
Aecas aecas (Stoll): Evans (1955), Cock (1982, no. 151)
Flaccilla aecas (Stoll): Beccaloni et al. (2008), Cock (2011)
- Monca telata telata* (Herrich-Schäffer, 1869)
Megistias telata (Herrich-Schäffer): Kaye (1904, no. 265), Williams and Bell (1931), Barcant (1970, no. 561)
Monca telata (Herrich-Schäffer): Kaye (1921, no. 423)
Monca telata telata (Herrich-Schäffer): Evans (1955), Cock (1982, no. 155), Cock (2011)
 Warren et al. (2014) treat *M. telata* as monotypic (i.e. *M. penda* Evans is a separate species, not a subspecies), but I have found no published justification for this.
- Nastra guianae* (Lindsey, 1925)
Nastra guianae (Lindsey): Cock (1982, no. 156), Cock (2013a)
- Cymaenes tripunctus* (Herrich-Schäffer, 1865) *theogenis* (Capronnier, 1874)
Megistias tripunctus (Herrich-Schäffer): Williams and Bell (1931)
Cymaenes tripunctus theogenis (Capronnier): Evans (1955), Cock (1982, no. 158), Cock (1985a), Cock (1998b), Beccaloni et al. (2008), Cock (2012)
Lerodea fusca (Grote and Robinson): Cock (2004a) [incorrect suggested misidentification]
- Cymaenes finca* Cock, 1985
Cymaenes finca Cock: Cock (1985a) TL, Cock (2012)
- Cymaenes* sp. near *campestris* Mielke, 1980
Lerodea fusca (Grote and Robinson): Kaye (1940, no. 381a), Barcant (1970, no. 493) [misidentification]
Cymaenes sp. probably *campestris* Mielke: Cock (2004a)
Cymaenes sp. near *campestris* Mielke: Cock (2012)
- Vehilius stictomenes stictomenes* (Butler, 1877)
Vehilius stictomenes (Butler): Kaye (1904, no. 254), Kaye (1921, no. 419), Barcant (1970, no. 557)
Vehilius venosus (Plötz): Kaye (1914), Kaye (1921, no. 421), Williams and Bell (1931), Barcant (1970, no. 559) [preoccupied]
Vehilius stictomenes stictomenes (Butler): Evans (1955), Cock (1982, no. 159), Beccaloni et al. (2008), Cock (2011)
- Vehilius inca* (Scudder, 1872)
Vehilius subplanus Kaye: Kaye (1904, no. 255) TL, Kaye (1921, no. 420), Barcant (1970, no. 558) [synonym]
Megistias labdacus Godman: Kaye (1914), Kaye (1921, no. 422), Lindsey (1925), Williams and Bell (1931), Barcant (1970, no. 560) [synonym]
Vehilius inca (Scudder): Evans (1955), Cock (1982, no. 160), Cock (2011)
- Vehilius celeus celeus* (Mabille, 1891)
Vehilius celeus celeus (Mabille): Cock (2011)

- Vehilius vetula* (Mabille, 1878)
Vehilius vetula (Mabille): Cock (1982, no. 161), Cock (1984a) [misidentification and incorrect removal from list], Cock (2011)
- Vehilius seriatus seriatus* (Mabille, 1891)
Vehilius vetulus seriatus (Mabille): Cock (1982, no. 162)
Vehilius seriatus seriatus (Mabille): Cock (2011)
- Lerodea eufala eufala* (W.H. Edwards, 1869)
Lerodea eufala eufala (W.H. Edwards): Cock (2004a)
- Mnasilus allubita* (Butler, 1877)
Papias sp. nr. *dictys* Godman: Cock (1981a) [misidentification, corrected Cock (1982)]
Mnasilus allubita (Butler): Cock (1982, no. 163), Cock (2013a)
- Mnasitheus chrysophrys* (Mabille, 1891)
Mnasitheus chrysophrys (Mabille): Cock (1982, no. 164), Cock (2013a)
- Moeris striga* (Geyer, 1832) *strada* Evans, 1955
Moeris striga (Geyer): Kaye (1904, no. 262), Kaye (1921, no. 412), Barcant (1970, no. 502)
Moeris striga strada Evans: Evans (1955) TL, Cock (1982, no. 168), Cock (1984a), Cock (2011)
- Parphorus storax storax* (Mabille, 1891)
Parphorus storax (Mabille): Kaye (1914), Kaye (1921, no. 425), Draudt (1921–1924), Barcant (1970, no. 563)
Parphorus storax storax (Mabille): Evans (1955), Cock (1982, no. 169), Cock (2011)
- Parphorus decora* (Herrich-Schäffer, 1869)
Vorates decora (Herrich-Schäffer): Kaye (1904, no. 267), Kaye (1921, no. 425)
Vorates decorus (Herrich-Schäffer): Barcant (1970, no. 564)
Parphorus decora (Herrich-Schäffer): Evans (1955), Cock (1982, no. 170), Cock (2011)
- Papias phainis* Godman, 1900
Papias phainis Godman: Cock (1982, no. 171), Beccaloni et al. (2008), Cock (2013a)
- Papias phaeomelas* (Hübner, [1831])
Papias microsema Godman: Kaye (1914), Kaye (1921, no. 414), Draudt (1921–1924), Barcant (1970, no. 550) [synonym]
Papias phaeomelas (Hübner): Evans (1955), Cock (1982, no. 172), Cock (2013a)
- Cobalopsis nero* (Herrich-Schäffer, 1869)
Cobalopsis lucifer (Hübner): Kaye (1940, no. 397a), Barcant (1970, no. 527) [misidentification]
Cobalopsis nero (Herrich-Schäffer): Evans (1955), Cock (1982, no. 174), Cock (2012)
Eutychide subcordata subcordata (Herrich-Schäffer): Beccaloni et al. (2008) [misidentification of caterpillar, see Cock (2009, 2012)]
- Cobalopsis miaba* (Schaus, 1902)
Cobalopsis potaro (Williams and Bell): Evans (1955), Cock (1982, no. 175)
Cobalopsis miaba (Schaus): Cock (2012)
- Arita arita* (Schaus, 1902)
Cobalopsis musa Kaye: Kaye (1914) TL, Kaye (1921, no. 397), Draudt (1921–1924), Barcant (1970, no. 526) [synonym]
Cobalus arita Schaus: Schaus (1902) TL, Draudt (1921–1924), Kaye (1940 no. 396b), Barcant (1970, no. 524)
Arita arita (Schaus): Evans (1955), Cock (1981a), Cock (1982, no. 176), Beccaloni et al. (2008), Cock (2012)
- Lerema ancillaris* (Butler, 1877)
Lerema ancillaris (Butler): Box (1953)
Lerema ancillaris ancillaris (Butler): Evans (1955), Cock (1981a), Cock (1982, no. 177), Cock (2012)
Mielke (2004) treated this species as having two subspecies: the nominate *L. a. ancillaris* and *L. a. liris* Evans. However, in the last 30 years, several authors have accepted *L. liris* as a separate species, and this is followed by Pelham (2008) and Warren et al. (2014).
- Lerema lineosa* (Herrich-Schäffer, 1865)
Lerema lineosa (Herrich-Schäffer): Cock (1982, no. 178), Cock (2012)
- Morys valerius valerius* (Möschler, 1879)

- Morys cerdo* Boisduval: Kaye (1914), Kaye (1921, no. 400), Barcant (1970, no. 530) [nomen nudum]
Morys valerius (Möschler): Draudt (1921–1924)
Morys valerius valerius (Möschler): Evans (1955), Cock (1982, no. 179), Beccaloni et al. (2008), Cock (2012)
- Morys compta* (Butler, 1877)
Eurota simplissima Kaye: Kaye (1914) TL, Kaye (1921, no. 409), Barcant (1970, no. 541) [synonym]
Euroto compta (Butler): Kaye (1914), Kaye (1921, no. 407), Draudt (1921–1924), Barcant (1970, no. 540)
Eurota simplicissima Kaye: Draudt (1921–1924) [misspelling of synonym]
Euroto micythus (Godman): Williams and Bell (1931) [different subsp.]
Morys compta compta (Butler): Evans (1955), Cock (1982, no. 180), Mielke (2004), Beccaloni et al. (2008), Cock (2012)
 Warren et al. (2014) treat *M. compta* as monotypic (i.e. *M. micythus* (Godman) is a separate species, not a subspecies), but I have found no published justification for this. However, as the name is used in Warren et al. (2008), I have accepted this usage here.
- Morys geisa geisa* (Möschler, 1879)
Euroto etelka Schaus: Schaus (1902) TL, Kaye (1940, no. 409a), Barcant (1970, no. 543)
Phanis sylvia Kaye: Kaye (1914) TL, Kaye (1921, no. 404)
Phanes sylvia (Kaye): Draudt (1921–1924)
Morys geisa geisa (Möschler): Evans (1955), Cock (1982, no. 181), Beccaloni et al. (2008), Cock (2012)
 Warren et al. (2014) treat *M. geisa* as monotypic (i.e. *M. lyde* Godman is a separate species, not a subspecies), but I have found no published justification for this.
- ?*Morys* sp.
 ?*Morys* sp.: Cock (2012)
- Tigasis garima garima* (Schaus, 1902)
Oeonus garima Schaus: Schaus (1902) TL, Draudt (1921–1924), Kaye (1940, no. 399b), Barcant (1970, no. 532)
Tigasis garima garima (Schaus): Evans (1955), Cock (1982, no. 182), Cock (2012)
- Tigasis physcoa* (Hewitson, 1868)
Tigasis physcoa (Hewitson): Cock (1982, no. 183), Cock (2012)
- Niconiades xanthaphes* Hübner, [1821]
Niconiades xanthaphes Hübner: Kaye (1904, no. 274), Kaye (1921, no. 390), Evans (1955), Barcant (1970, no. 516), Cock (1982, no. 254), Cock (2003a), Beccaloni et al. (2008)
- Niconiades gladys* Evans, 1955
Niconiades gladys Evans: Cock (1982, no. 255), Cock (2003a)
- Niconiades nikko* Hayward, 1948
Niconiades caeso (Mabille): Godman and Salvin (1893–1901), Kaye (1904, no. 277), Kaye (1921, no. 392), Draudt (1921–1924), Lindsey (1925), Barcant (1970, no. 518) [misidentification]
Niconiades nikko Hayward: Evans (1955), Cock (1982, no. 256), Cock (2003a)
- Vettius phyllus phyllus* (Cramer, 1777)
Carystus phyllus (Cramer): Crowfoot (1893), Kaye (1904, no. 280), Kaye (1921, no. 432)
Vettius laurea (Hewitson): Kaye (1914)
Carystus laurea (Hewitson): Draudt (1921–1924) [synonym]
Vettius phyllus (Cramer): Barcant (1970, no. 580)
Vettius phyllus phyllus (Cramer): Evans (1955), Cock (1982, no. 184), Cock (2009)
- Vettius marcus marcus* (Fabricius, 1787)
Carystus marcus (Fabricius): Godman and Salvin (1893–1901), Kaye (1914), Kaye (1921, no. 430), Draudt (1921–1924), Williams and Bell (1931), Barcant (1970, no. 569)
Vettius marcus marcus (Fabricius): Evans (1955), Cock (1982, no. 185), Cock (2009)
 Warren et al. (2014) treat *V. marcus* as monotypic (i.e. *V. aurelius* (Plötz) is a separate species, not a subspecies), but I have found no published justification for this.
- Vettius fantasos* (Cramer, 1780)
Carystus fantasos (Cramer): Kaye (1940, no. 428c), Barcant (1970, no. 572)
Vettius fantasos fantasos (Cramer): Cock (1982, no. 186)

- Vettius fantasos* (Cramer): Cock (2009)
Vettius artona (Hewitson, 1868)
Carystus artona (Hewitson): Kaye (1904, no. 279), Kaye (1921, no. 429), Williams and Bell (1931), Barcant (1970, no. 568)
Vettius artona (Hewitson): Evans (1955), Cock (1982, no. 187), Cock (2009)
Vettius tertianus (Herrich-Schäffer, 1869)
Vettius tertianus (Herrich-Schäffer): Evans (1955), Cock (2009)
Thoon taxes Godman, 1900
Thoon taxes Godman: Evans (1955), Cock (1982, no. 189), Cock (2009)
Justinia gava Evans, 1955
Justinia gava Evans: Cock (1982, no. 190), Cock (2009), Cock (2010b)
Justinia justinianus (Latreille, [1824]) *hyperythrus* (Kaye, 1914)
Phanis tavola Schaus: Schaus (1902) TL, Draudt (1921–1924) [type locality error; not a Trinidad species]
Euroto hyperythrus Kaye: Kaye (1914) TL, Kaye (1921, no. 408), Draudt (1921–1924)
Eutychide cingulicormis (Herrich-Schäffer): Kaye (1914), Kaye (1921, no. 403), Barcant (1970, no. 539) [synonym of *J. j. justinianus*]
Phanis justinianus (Latreille): Kaye (1904, no. 259), Kaye (1921, no. 405)
Eutychide insulanus Bell: Bell (1932) TL [synonym]
Eutychide hyperythrus (Kaye): Kaye (1940, no. 408), Barcant (1970, no. 537)
Justinia justinianus tavola (Schaus): Evans (1955), Cock (1982, no. 191) [misidentification based on incorrect TL for *J. j. tavola*]
Phanes justinianus (Latreille): Barcant (1970, no. 535)
Justinia justinianus hyperythrus (Kaye): Cock (2009)
Eutychide complana (Herrich-Schäffer, 1869)
Eutychide complana (Herrich-Schäffer): Cock (1982, no. 192), Cock (2009)
Eutychide subcordata subcordata (Herrich-Schäffer, 1869)
Cobalopsis rogersi Kaye: Kaye (1914) TL, Kaye (1921, no. 398), Draudt (1921–1924), Barcant (1970, no. 528)
Eutychide ochus Godman: Kaye (1914), Kaye (1921, no. 402), Barcant (1970, no. 538) [different subsp.]
Eutychide subcordata subcordata (Herrich-Schäffer): Evans (1955), Cock (1982, no. 193), Beccaloni et al. (2008) [record on *Bambusa* only], Cock (2009)
Cobalopsis nero (Herrich-Schäffer): Beccaloni et al. (2008) [misidentification of caterpillar on grass, see Cock (2009, 2012)]
Enosis ?angularis (Möschler): Beccaloni et al. (2008) [misidentification of caterpillar; see Cock (2009)]
Onophas columbaria columbaria (Herrich-Schäffer, 1870)
Onophas columbaria (Herrich-Schäffer): Godman and Salvin (1893–1901), Kaye (1914), Kaye (1921, no. 399), Barcant (1970, no. 529)
Onophas columbaria columbaria (Herrich-Schäffer): Evans (1955), Cock (1982, no. 194), Cock (2009)
Naevolus orius orius (Mabille, 1883)
Cydrus naevolus Godman: Kaye (1940, no. 386a), Barcant (1970, no. 511)
Naevolus orius orius (Mabille): Evans (1955), Cock (1982, no. 195), Cock (2009)
Enosis blotta Evans, 1955
Enosis blotta Evans: Evans (1955) TL, Cock (1982, no. 196), Cock (2005)
Enosis immaculata (Hewitson, 1868) *demon* Evans, 1955
Enosis immaculata demon Evans: Evans (1955), Cock (1982, no. 197), Cock (2005)
Enosis achelous (Plötz, 1882)
Metiscus atheas Godman (in Godman and Salvin 1893–1901): Godman and Salvin (1893–1901) PTL, Kaye (1914), Kaye (1921, no. 415), Draudt (1921–1924), Barcant (1970, no. 553) [synonym]
Enosis achelous achelous (Plötz): Cock (2005) [unnecessary ssp. name]
Enosis angularis (Möschler, 1877)
Papias infuscata (Plötz): Kaye (1940, no. 414a), Barcant (1970, no. 551) [misidentification]
Enosis angularis angularis (Möschler): Cock (1981a), Cock (1982, no. 198)
Enosis angularis (Möschler): Cock (2005)

The food plant record in Beccaloni et al. (2008) is a misidentification for *Eutychide subcordata* (Cock 2009)

Saturnus saturnus saturnus (Fabricius, 1787)

Saturnus saturnus saturnus (Fabricius): Evans (1955), Cock (1982, no. 217), Cock (2006a), Beccaloni et al. (2008)

Saturnus reticulata reticulata (Plötz, 1883)

Phlebodes tiberius (Möschler): Kaye (1914), Kaye (1921, no. 411) [different ssp.]

Philibodes tiberius (Möschler): Barcant (1970, no. 544) [misspelling of genus; different ssp.]

Saturnus reticulata reticulata (Plötz): Evans (1955), Cock (1982, no. 218), Cock (2006a)

Rhinthon osca (Plötz, 1882)

Thracides biserta Schaus: Schaus (1902) TL, Draudt (1921–1924) [synonym]

Rhinthon cubana osca (Plötz): Evans (1955), Cock (1982, no. 226), Cock (2006a)

Mielke (2004) treats *R. osca* as a subspecies of *R. cubana* (Herrich-Schäffer). However, in the last 30 years, several authors have accepted *R. osca* as a separate species, and this is followed by Pelham (2008), Burns et al. (2010) and Warren et al. (2014).

Mucia zygia (Plötz, 1886)

Mucia thyia Godman: Kaye (1940, no. 382c), Barcant (1970, no. 505) [synonym]

Mucia zygia (Plötz): Evans (1955), Cock (1982, no. 227), Cock (2006a)

Penicula bryanti (Weeks, 1906)

Euroto cocoa Kaye: Kaye (1914) TL, Kaye (1921, no. 410), Draudt (1921–1924), Barcant (1970, no. 542)

Penicula bryanti (Weeks): Evans (1955), Cock (1982, no. 228), Cock (2006a)

Hesperiini

Hylephila phyleus phyleus (Drury, 1773)

Hylephila phylaeus (Drury): Kaye (1904, no. 269), Kaye (1921, no. 378), Barcant (1970, no. 495) [misspelling]

Hylephila phyleus phyleus (Drury): Evans (1955), Cock (1982, no. 231), Cock (2007)

Polites vibex (Geyer, 1832) *praeceps* (Scudder, 1872)

Pamphila vibex (Geyer): Crowfoot (1893)

Thymelicus vibex Geyer: Godman and Salvin (1893–1901), Kaye (1904, no. 270), Kaye (1921, no. 379), Barcant (1970, no. 496)

Polites brettus (Boisduval and Le Conte): Lindsey (1925) [synonym of *P. v. vibex*]

Polites vibex (Geyer): Williams and Bell (1931), Hernández (1992)

Polites vibex praeceps (Scudder): Evans (1955), Cock (1982, no. 232), Cock (2007)

Wallengenia otho (J.E. Smith, 1797) *clavus* (Erichson, [1849])

Pamphila misera (Lucas): Kaye (1914), Kaye (1921, no. 377), Barcant (1970, no. 494) [different ssp.]

Catia pustula (Geyer): Kaye (1914), Kaye (1921, no. 381), Barcant (1970, no. 499) [synonym of *W. o. otho*]

Wallengenia druryi curassavica (Snellen): Evans (1955), Cock (1981a), Cock (1982, no. 233)

Wallengenia otho clavus (Erichson): Cock (2007)

The record of '*Tigasis misera* Schaus' in Draudt (1921–1924) probably belongs here. ?*Hesperia misera* Schaus is preoccupied by *P. misera* Lucas, and the replacement name for this Brazilian species is *Enosis schausi* Mielke and Casagrande (Mielke and Casagrande 2002).

Wallengenia premnas (Wallengren, 1860)

Catia pudorina (Capronnier): Kaye (1940, no. 381d), Barcant (1970, no. 500) [nomen nudum]

Wallengenia premnas (Wallengren): Evans (1955), Cock (1982, no. 234), Cock (2007)

Pompeius pompeius (Latreille, [1824])

Pamphila athenion (Hübner): Crowfoot (1893) [synonym]

Thymelicus athenion (Hübner): Kaye (1904, no. 271), Kaye (1921, no. 380), Barcant (1970, no. 497) [synonym]

Pompeius pompeius (Latreille): Evans (1955), Cock (1982, no. 235), Cock (2007)

Pompeius amblyspila (Mabille, 1898)

Pompeius amblyspila (Mabille): Evans (1955) [error], Cock (1982, no. 236), Cock (2007)

- Evans (1955) tentatively included the species now known as *Psoralis chittara* Schaus, TL Trinidad, in the synonymy of *P. amblyspila*. The TL of *chittara* is considered incorrect (see below in List C, Species not recognised from Trinidad). Cock (2007) subsequently did record *P. amblyspila* from Trinidad.
- Atalopedes campestris* (Boisduval, 1852) *huron* (W.H. Edwards, 1863)
Atalopedes campestris (Boisduval): Kaye (1940, no. 381c), Barcant (1970, no. 498), Cock (2007)
Atalopedes campestris campestris (Boisduval): Cock (1982, no. 237) [misspelling of genus]
 Based on the treatment by Warren et al. (2014), the subspecies found in Trinidad should be *A. c. huron*, rather than *A. c. campestris*.
- Anatrytone perfida* (Möschler, 1879)
Atrytone mella Godman: Kaye (1940, no. 426a), Barcant (1970, no. 547) [misidentification]
Mellana clavus (Erichson): Evans (1955), Cock (1982, no. 238) [misidentification]
Anatrytone perfida (Möschler): Cock (2007)
- Anatrytone barbara* (Williams and Bell, 1931)
Anatrytone barbara (Williams and Bell): Cock (2010a)
- Quasimellana eulogius* (Plötz, 1882)
Atrytone eulogius (Plötz): Kaye (1940, no. 426a footnote), Barcant (1970, no. 548)
Mellana eulogius (Plötz): Evans (1955), Cock (1981b), Cock (1982, no. 239)
Quasimellana eulogius (Plötz): Cock (2007), Beccaloni et al. (2008)
- Quasimellana servilius* (Möschler, 1883)
Mellana myron verba Evans: Cock (1982, no. 240)
Quasimellana servilius (Möschler): Cock (2007)
- Euphyes peneia* (Godman, 1900)
Euphyes catioides Kaye: Kaye (1925) TL, Kaye (1940, no. 382b), Barcant (1970, no. 504)
Euphyes peneia (Godman): Evans (1955), Cock (1982, no. 241), Cock (2007)
- Arotis kayei* (Bell, 1932) (type)
Oeonus kayei Bell: Bell (1932) TL, Kaye (1940, no. 399c), Barcant (1970, no. 533)
Euphyes sirene kayei (Bell): Evans (1955), Cock (1982, no. 242)
Arotis kayei (Bell): Cock (2007)
- Metron chrysogastra chrysogastra* (Butler, 1870)
Metron chrysogastra (Butler): Godman and Salvin (1893–1901), Kaye (1904, no. 263), Kaye (1921, no. 413), Barcant (1970, no. 549)
Metron chrysogatra (Butler): Lindsey (1925) [misspelling]
Metron chrysogastra chrysogastra (Butler): Evans (1955), Cock (1982, no. 243), Cock (2007)
- Metron noctis* (Kaye, 1914)
Atrytone noctis Kaye: Kaye (1914) TL, Kaye (1921, no. 382), Barcant (1970, no. 546)
Metron noctis (Kaye): Evans (1955), Cock (1982, no. 244), Cock (2007)
- Quinta cannae* (Herrich-Schäffer, 1869)
Cobalus cannae (Herrich-Schäffer): Kaye (1904, no. 257), Kaye (1921, no. 396), Williams and Bell (1931), Barcant (1970, no. 525)
Quinta cannae (Herrich-Schäffer): Evans (1955), Cock (1981a), Cock (1982, no. 219), Cock (2006a), Beccaloni et al. (2008)
- Cynea anthracinus* (Mabille, 1877) *holomelas* (Mabille, 1891)
Cynea anthracinus luctatius (Schaus): Cock (1982, no. 220), Preston and Preston (1983) [synonym]
Cynea anthracinus holomelas (Mabille): Cock (2006a)
- Cynea cyrus* (Plötz, 1882) *hippo* Evans, 1955
Cynea cyrus hippo Evans: Evans (1955) TL, Cock (1982, no. 221), Cock (2006a)
- Cynea irma* (Möschler, 1879)
Rhithon melius (Geyer): Kaye (1921, no. 394), Draudt (1921–1924), Barcant (1970, no. 519) [misidentification]
Cynea irma (Möschler): Evans (1955), Cock (1982, no. 222), Cock (2006a), Beccaloni et al. (2008)
- Cynea popla* Evans, 1955
Rhithon megalops Godman: Kaye (1940, no. 394b), Barcant (1970, no. 521) [part; misidentification]
Cynea popla Evans: Evans (1955) TL, Cock (1982, no. 223), Cock (2006a)

- Cynea bistrigula* (Herrich-Schäffer, 1869)
Rhinthon megalops Godman: Kaye (1940, no. 394b), Barcant (1970, no. 521) [part; misidentification]
Cynea bistrigula (Herrich-Schäffer): Cock (1982, no. 224), Cock (2006a)
- Cynea diluta* (Herrich-Schäffer, 1869)
Rhinthon cynea (Hewitson): Kaye (1940, no. 394a), Barcant (1970, no. 520) [misidentification]
Cynea diluta (Herrich-Schäffer): Evans (1955), Cock (1982, no. 225), Cock (2006a), Beccaloni et al. (2008)
- Orthos orthos orthos* (Godman, 1900)
Orthos orthos orthos (Godman): Evans (1955), Cock (1982, no. 229), Cock (2006a)
- Conga chydæa* (Butler, 1877)
Conga chydæa (Butler): Evans (1955), Cock (1982, no. 230), Cock (2006a)
- Decinea decinea* (Hewitson, 1876) *derisor* (Mabille, 1891)
 A new record for Trinidad collected by C. De Gannes from North Post (♂ 17 Feb 2011) and Hololo Mountain Road (♂ 23 Sep 2011), and C. De Gannes and J. Morrall at Point Fortin (3♂ 8 Jan 2014). This is possibly a newly established species.
- Decinea lucifer* (Hübner, [1831])
Cobalopsis lucifer (Hübner): Kaye (1940, no. 397a) [misidentification of *Cobalopsis nero*]
Decinea lucifer (Hübner): Cock (2006a)
- Nyctelius nyctelius nyctelius* (Latreille, [1824])
Prene nyctelius (Latreille): Kaye (1914), Kaye (1921, no. 385), Kaye (1940, no. 385), Barcant (1970, no. 507)
Prene ares (C. Felder) Kaye (1921, no. 456), Barcant (1970, no. 508)
Nyctelius nyctelius (Latreille): Box (1953)
Nyctelius nyctelius nyctelius (Latreille): Evans (1955), Cock (1982, no. 252), Cock (2001), Cock (2002), Cock (2003a), Cock (2006b), Beccaloni et al. (2008)
- Vacerra bonfilius* (Latreille, [1824]) *litana* (Hewitson, 1866)
Vacerra litana (Hewitson): Kaye (1904, no. 274), Kaye (1921, no. 389), Barcant (1970, no. 515)
Vacerra bonfilius litana (Hewitson): Evans (1955), Cock (1982, no. 253), Cock (2003a)
 Warren et al. (2014) treat *V. litana* as a separate species, but I have found no published justification for this.
- Xeniades chalestra chalestra* (Hewitson, 1866)
Xeniades pteris Godman: Kaye (1914), Kaye (1921, no. 388), Draudt (1921–1924), Barcant (1970, no. 513) [synonym]
Xeniades chalestra chalestra (Hewitson): Evans (1955), Cock (1982, no. 259), Cock (2003a)
- Xeniades orchamus orchamus* (Cramer, 1777)
Xeniades orchamus orchamus (Cramer): Cock (2003a)

List B. Species of HesperIIDae included in List A, but needing confirmation from Trinidad

The background and reasons for doubting these records will be found in the relevant section of Cock (1981–2013) as indicated, or as indicated in List A above. In most cases, their inclusion is based on either single unconfirmed female specimens (*Elbella etna*, *Papias phainis*), or one or two historical specimens mostly more than 100 years old, whose provenance now seems doubtful.

EUDAMINAE

Tarsoctenus praecia (Hewitson, 1857) *rufibasis* Boulet, 1910 [see Cock (1984b)]

PYRGINAE

Pyrrhopyge proculus proculus Hopffer, 1874 [see Cock (1981c)]

Elbella etna Evans, 1951 [see comment in List A above]

Ephyriades zephodes (Hübner, [1825]) [see Cock (2000)]

Pythonides jovianus jovianus (Stoll, 1782) [see Cock (1996)]

HESPERIINAE

Papias phainis Godman, 1900 [see Cock (2013a)]

Atalopedes campestris (Boisduval, 1852) *huron* (W.H. Edwards, 1863) [see Cock (2007)]

Anatrytone barbara (Williams and Bell, 1931) [see Cock (2010a)]

List C. HesperIIDae species considered to not occur in Trinidad, in spite of published records

The following species are considered to have been erroneously recorded from Trinidad.

EUDAMINAE

Codatractus melon (Godman and Salvin, 1893)

Codatractus melon (Godman and Salvin): Evans (1952), Cock (1982, no. 38), Cock (1986) [not a Trinidad species]

Mimia phidyle (Godman and Salvin, 1894)

Cyclosaemia phidyle Godman and Salvin: Kaye (1940, no. 359b), Barcant (1970, no. 467), Cock (1991) [not a Trinidad species]

Phanus vitreus (Stoll, 1781)

Eutheus vitreus (Stoll): Crowfoot (1893) [misspelling of *Entheus*]

Phanus vitreus (Stoll): Kaye (1904, no. 231), Kaye (1921, no. 341), Evans (1952), Miller (1965), Barcant (1970, no. 437), Cock (1982, no. 12), Cock (1984b), Cock (1986)

Miller (1965) and Austin (1993) reviewed this group of species. Based on Austin's work, I have seen no specimens of the true *Phanus vitreus* from Trinidad, those available to me being either *P. ecitonorum* or *P. albiapicalis*, described by Austin (1993).

PYRGINAE

Sostrata pusilla Godman and Salvin, 1895

Sostrata pusilla Godman and Salvin: Cock (1996) [not a Trinidad species]

HETEROPTERINAE

Dalla sp. ?*cypselus* (C. Felder and R. Felder, 1867)

Cycloptides caenides (Hewitson): Kaye (1921, no. 376) [misidentification]

Staphylus caenides (Hewitson): Barcant (1970, no. 492) [misidentification]

Dalla caenides (Hewitson): Cock (1982, no. 134) [misidentification]

Dalla sp. ?*quasca* Bell: Cock (2004a) [misidentification]

This record is based on a specimen collected by A. Hall, which I have examined. It needs further study, but it is not *D. caenides* (confirmed by S. Steinhauser, pers. comm.), and is likely to be mislabelled from Trinidad (Cock 2004a). Although I have suggested that it might be *D. quasca* Bell (Cock 2004a), more recent correspondence with S.R. Steinhauser (pers. comm. 2005), and a re-examination of the specimen, including the underside, suggests the identification used here.

HESPERIINAE

Aides dysoni Godman, 1900

Aides dysoni Godman: Evans (1955), Cock (1982, no. 257), Cock (2003a) [mislabelled specimen]; Cock (2013b) [not a Trinidad species]

Phanes tavola Schaus, 1902

Phanis tavola Schaus: Schaus (1902) TL, Draudt (1921–1924) [type locality error]

Phanis tavola Schaus: Kaye (1940, no. 404a), Barcant (1970, no. 534) [based on TL], Cock (2013a) [not a Trinidad species]

Evans (1955), and hence Cock (1982), treated the Trinidad subspecies of *Justinia justinianus* as *J. j. tavola*, which was described from Trinidad (Schaus 1902). However, having examined the type specimen, O.H.H. Mielke (in C.G.C. Mielke 1994) reported that *tavola* had been misidentified by Evans (1955) and was another species - the one that Evans treated as *Phanes hoffmanni* Bell, which

is restricted to Brazil and not found in Trinidad. Accordingly, Mielke concluded that the type specimen of *tavola* must have been incorrectly labelled as from Trinidad.

Psoralis chittara (Schaus, 1902)

Phlebodes chittara Schaus: Schaus (1902) TL, Kaye (1940, no. 411a) [type locality error], Cock (2013a) [not a Trinidad species]

Philibodes chittara Schaus: Barcant (1970, no. 545) [misspelling of genus; type locality error]

Schaus (1902) described this species from Trinidad, and Kaye (1940, no. 414A) added it to the Trinidad list. Mielke (2004) finds that it is a Brazilian species, and that the type must have been mislabelled 'Trinidad'.

Corticea noctis (Plötz, 1882)

Papias ctyanus Schaus: Schaus (1902) TL, Draudt (1921–1924), Kaye (1940, no. 414b), Barcant (1970, no. 552), Cock (1982, no. 171) [type locality error], Cock (2013a) [not a Trinidad species]

Mielke (2004) considers that *P. ctyanus* is a synonym of *Corticea noctis* from southern Brazil, and that the Trinidad locality label of the type is an error.

Perichares deceptus (Butler and Druce, 1872) *fulvimargo* (Butler, 1873)

Perichares agrippa Godman: Kaye (1921, no. 449), Barcant (1970, no. 602)

Perichares deceptus fulvimargo (Butler): Cock (1982, no. 215), Cock (2005) [not a Trinidad species]

Callimormus radiola radiola (Mabille, 1878)

Callimormus radiola (Mabille): Williams and Bell (1931)

Cock (2011) overlooked this record in his treatment of *Callimormus*. Since there have been no subsequent captures, it is considered unlikely to be a resident Trinidad species, and probably a misidentification for *C. alsimo*.

Cobalopsis autumnna (Plötz, 1882)

Cobalopsis edda (Mabille): Kaye (1904, no. 258) [synonym; misidentification]

Although Kaye (1904) included *C. edda* in his first list of butterflies, "a single specimen only in June 1898 (W.J. Kaye)", he did not include it in subsequent lists, so he probably concluded that this was a misidentification (Cock 2012).

Mnasitheus simplicissima (Herrich-Schäffer, 1870)

Pamphila uniformis (Butler and Druce): Crowfoot (1893) [synonym]

Mnasalcus uniformis (Butler and Druce): Kaye (1914), Barcant (1970, no. 556) [synonym]

Mnasitheus uniformis (Butler and Druce): Kaye (1921, no. 418), Draudt (1921–1924) [synonym]

Mnasitheus simplicissima (Herrich-Schäffer): Kaye (1914), Draudt (1921–1924)

I have seen no specimens of this species from Trinidad, and Evans (1955) does not report it from Venezuela or the Guianas. The record of *Mnasitheus simplicissima* by Williams and Bell (1931) from Port of Spain, 12 Jul 1927, was overlooked by Cock (2013a). However, the treatment by Godman and Salvin (1893–1901) in which the adult and male genitalia of *Methionopsis ina* are illustrated as *Mnasitheus simplicissima* (Evans 1955) indicates that all these records are probably in error for the common *M. ina* (Cock 2013a).

Wallengrenia otho (J.E. Smith, 1797) *ophites* (Mabille, 1878)

Wallengrenia otho ophites (Mabille): Cock (2007)

Although several authors, including Smith et al. (1994), Brévignon and Brévignon (2003) and Warren et al. (2014) have treated *W. otho ophites* as a valid species, Mielke (2004) lists it as a subspecies of *otho*, and I have located no subsequent publication establishing the split into separate species. It is only known from Trinidad from a single specimen, and needs confirmation as a Trinidad taxon (Cock 2007). Given that this species is usually common in the Lesser Antilles, it seems unlikely that this is a Trinidad resident.

Saliana chiomara (Hewitson, 1867)

Thracides chiomara (Hewitson): Williams and Bell (1931)

Evans (1955) transferred this species to *Saliana*. Williams and Bell (1931) recorded a male from Port of Spain, 12 Jul 1927. I have not seen this specimen and overlooked this record in Cock (2003a). Since *S. chiomara* occurs in the Guianas (Evans 1955) and Venezuela (Bell 1946), there is no reason why it might not occur in Trinidad, nor *a priori* to doubt this record. On the other hand, there have been no further records, and this identification predates Evans (1955) revision and the description of several new species in this genus.

List D. HesperIIDae species recorded from Trinidad and Tobago, but not from Trinidad

The following species have not been recorded from Trinidad, but have been recorded from the country of Trinidad and Tobago. Three species have been recorded from Tobago only (two erroneously), and one species was recorded from Patos Island before it was transferred to Venezuela.

EUDAMINAE

Proteides mercurius (Fabricius, 1787) *angasi* (Godman and Salvin, 1884)

Evans (1952) records a specimen from Tobago, but Cock (1986) argues that this specimen was mislabelled.

Epargyreus zestos (Geyer, 1832)

Recorded from Tobago, but not from Trinidad; the single specimen from Tobago is probably mislabelled (Cock 1986).

Zopyrion satyrina (C. Felder and R. Felder, 1867)

Recorded from Patos Island between Trinidad and Venezuela, which is no longer part of Trinidad and Tobago (Cock 1998a).

HESPERIIDAE

Callimormus juvenis Scudder, 1872

Recorded from Tobago, but not from Trinidad (Cock 2011). It seems likely that this species will eventually be found to occur in Trinidad, perhaps in the drier north-west or on the Bocas Islands.

Discussion and Conclusions

This checklist includes 41 species of HesperIIDae new to the 1982 list (Cock 1982), and seven species are considered to be errors and removed from the earlier list. The total of Trinidad species known for this family has increased over the years from 50 (Crowfoot 1893), to 90 (Kaye 1904), 146 (Kaye 1914), 165 (Kaye 1921), 227 (Kaye 1940) and 273 (Cock 1982), and now stands at 314 based on this checklist. The breakdown by tribes and subfamilies is shown in Table 1. Further increases can be expected, and although the rate of increase can be expected to slow, at the moment there is no indication that the rate of growth has levelled off (Fig. 1).

In the checklist of larger butterflies of Trinidad (Cock 2014a), I summarised which species are likely to be vagrants in Trinidad. For Hedyliidae there is no expectation that either species is a vagrant, and although some of the HesperIIDae may well represent migratory or vagrant species, I have no evidence to assess this. In Cock (2014a) I also considered whether some species of larger butterfly might have become extinct in Trinidad, while others might be recently established since collecting started on the island in the late 19th century. Neither of the Hedyliidae falls into these categories. Almost all the recorded HesperIIDae have been collected since 1978 (when I started to collect on the island). Those that have not (List C) include species that are most likely misidentified in the literature, species based on mislabelled specimens, and species based on specimens of doubtful provenance that have not been caught since 1978. These latter, of course, could represent species that have become extinct in Trinidad, but the evidence is not good enough to assess either way.

Acknowledgments

I thank Scott Alston-Smith, Charles DeGannes and John Morrall who have shared their collecting experiences and records with me, as indicated in several new island records. John also checked the entire list against the nomenclature of the Butterflies of America website (Warren et al. 2014) and alerted me to discrepancies. I also thank Malcolm Scoble, Olaf H.H. Mielke and Gerardo Lamas who kindly refereed this checklist, and spotted various errors now corrected.

Literature Cited

- Austin, G. T. 1993.** A review of the *Phanus vitreus* group (Lepidoptera: HesperIIDae: Pyrginae). Tropical Lepidoptera 4 (supplement 2): 21–36.
- Austin, G. T. 2000.** HesperIIDae of Rôndonia, Brazil: “*Antigonus*” genus group (Pyrginae), with taxonomic comments and descriptions of new species from Brazil and Guatemala. Journal of the Lepidopterists’ Society 54: 1–28.
- Austin, G. T. 2008.** HesperIIDae of Rondonia, Brazil: Taxonomic comments on “night” skippers, with descriptions of new genera and species (Lepidoptera: Eudaminae). Insecta Mundi 0029: 1–36.
- Austin, G. T., and A. D. Warren. 2001.** Taxonomic notes on some Neotropical skippers (Lepidoptera: HesperIIDae): *Pyrgus*, *Heliopyrgus*, and *Heliopetes* (Pyrginae). Dugesiana 8: 1–13.
- Austin, G. T., and A. D. Warren. 2002.** Taxonomic notes on some Neotropical skippers (Lepidoptera: HesperIIDae): Pyrrhopyginae and Pyrginae. Dugesiana 9: 15–49.
- Austin, G. T., and O. H. H. Mielke. 1998.** HesperIIDae of Rondônia, Brazil: *Aguna* Williams (Pyrginae), with a partial revision and descriptions of new species from Panama, Ecuador, and Brazil. Revista Brasileira de Zoologia 14: 889–965.
- Austin, G. T., and O. H. H. Mielke. 2000.** HesperIIDae of Rondônia, Brazil: *Cephise* Evans (Pyrginae) with descriptions of new species from Mexico and Brazil. Revista Brasileira de Zoologia 17: 757–788.
- Austin, G. T., and S. R. Steinhauser. 1996.** HesperIIDae of central Rondônia, Brazil: *Celaenorrhinus* Hübner (Lepidoptera: Pyrginae), with descriptions of three new species and taxonomic comments. Insecta Mundi 10: 25–44.
- Barcant, M. 1970.** Butterflies of Trinidad and Tobago. Collins; London. 314 p.
- Beccaloni, G. W., Á. L. Vilorio, S. K. Hall, and G. S. Robinson. 2008.** Catalogue of the hostplants of the Neotropical butterflies. Catálogo de las plantas huésped de las mariposas Neotropicales. Monografías Tercer Milenio 8: 1–536.
- Bell, E. L. 1932.** Descriptions of new HesperIIDae from Trinidad, B.W.I., and South America (Lepidoptera - Rhopalocera). Journal of the New York Entomological Society 39: 523–531.
- Bell, E. L. 1934.** New HesperIIDae from Trinidad and Peru (Lepidoptera, Rhopalocera). American Museum Novitates 745: 1–6.
- Bell, E. L. 1946.** A catalogue of the Hesperioidea of Venezuela. Boletín de Entomología Venezolano 5: 65–203.
- Bell, E. L. 1959.** Descriptions of some new species of Neotropical HesperIIDae (Lepidoptera, Rhopalocera). American Museum Novitates 1962: 1–16.
- Box, H. E. 1953.** List of sugar-cane insects. Commonwealth Institute of Entomology; London. 101 p.
- Brévignon, L., and C. Brévignon. 2003.** A la découverte des papillons du jour des Antilles Françaises. PLB Editions; Le Gosier, Guadeloupe. 64 p.
- Brower, A. V. Z. 2010.** Alleviating the taxonomic impediment of DNA barcoding and setting a bad precedent: names for ten species of ‘*Astraptes fulgerator*’ (Lepidoptera: HesperIIDae: Eudaminae) with DNA-based diagnoses. Systematics and Biodiversity 8: 485–491.
- Brown, F. M., and B. Heineman. 1972.** Jamaica and its butterflies. E.W. Classey; London. xv + 476 p.
- Burns, J. M. 1996.** Genitalia and the proper genus: *Codatractus* gets *mysie* and *uvydixa* - in a compact group - as well as a hysterectomy, while *Cephise* gets part of *Polythrix* (HesperIIDae: Pyrginae). Journal of the Lepidopterists’ Society 50: 173–216.
- Burns, J. M., D. H. Janzen, M. Hajibabaei, W. Hallwachs, and P. D. N. Hebert. 2008.** DNA barcodes and cryptic species of skipper butterflies in the genus *Perichares* in Area de Conservación Guanacaste, Costa Rica. Proceedings of the National Academy of Sciences of the United States of America 105: 6350–6355.
- Burns, J. M., D. H. Janzen, W. Hallwachs, M. Hajibabaei, and P. D. N. Hebert. 2009.** Genitalia, DNA barcodes, and life histories synonymize *Telles* with *Thracides*—a genus in which *Telles* arcaulus looks out of place (HesperIIDae: HesperIIDae). Journal of the Lepidopterists’ Society 63: 141–153.
- Burns, J. M., D. H. Janzen, W. Hallwachs, M. Hajibabaei, and P. D. N. Hebert. 2010.** Genitalia, DNA barcodes, larval facies, and foodplants place the mimetic species *Neoxeniades molion* in *Rhithon* (HesperIIDae: HesperIIDae). Journal of the Lepidopterists’ Society 64: 69–78.

- Cock, M. J. W. [1981a].** The Lepidoptera of Nariva Swamp. Living World. Journal of the Trinidad and Tobago Field Naturalists' Club 1981–1982: 21–22.
- Cock, M. J. W. [1981b].** Butterflies from Chacachacare Island including three species new to Trinidad. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 1981–1982: 25.
- Cock, M. J. W. [1981c].** The skipper butterflies (Hesperiidae) of Trinidad. Part I. Introduction and Pyrrhopyginae. Living World. Journal of the Trinidad and Tobago Field Naturalists' Club 1981–1982: 52–56.
- Cock, M. J. W. 1982.** The skipper butterflies (Hesperiidae) of Trinidad. Part II. A systematic list of the Trinidad and Tobago Hesperiidae. Occasional Papers, Department of Zoology, UWI, St. Augustine, Trinidad 5: 1–49.
- Cock, M. J. W. 1984a.** Lepidoptera Notes I–VI. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 1983–1984: 35–37.
- Cock, M. J. W. 1984b.** The skipper butterflies (Hesperiidae) of Trinidad Part 3 Pyrginae (first section). Living World. Journal of the Trinidad and Tobago Field Naturalists' Club 1983–1984: 38–42.
- Cock, M. J. W. 1985a.** *Cymaenes finca*, sp. n. (Hesperiidae) from Trinidad, W.I. Journal of the Lepidopterists' Society 39: 48–50.
- Cock, M. J. W. (ed.) 1985b.** A review of biological control of pests in the Commonwealth Caribbean and Bermuda up to 1982. Technical Communication No. 9, Commonwealth Institute of Biological Control. Commonwealth Agricultural Bureaux; Farnham Royal, U.K. 218 p.
- Cock, M. J. W. 1986.** The skipper butterflies (Hesperiidae) of Trinidad Part 4 Pyrginae (second section). Living World. Journal of the Trinidad and Tobago Field Naturalists' Club 1985–1986: 33–47.
- Cock, M. J. W. 1988.** The skipper butterflies (Hesperiidae) of Trinidad Part 5 Pyrginae genera group C concluded. Living World. Journal of the Trinidad and Tobago Field Naturalists' Club 1987–1988: 24–31.
- Cock, M. J. W. 1991.** The skipper butterflies (Hesperiidae) of Trinidad. Part 7, genera group E (first section). Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 1990–1991: 46–56.
- Cock, M. J. W. 1996.** The skipper butterflies (Hesperiidae) of Trinidad. Part 8, Genera group E (second section). Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 1995–1996: 27–37.
- Cock, M. J. W. 1998a.** The skipper butterflies (Hesperiidae) of Trinidad. Part 9, Genera group E concluded (third section) with a description of a new species of *Clito*. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 1997–1998: 33–45.
- Cock, M. J. W. 1998b.** Two species of Hesperiidae recently established on New Providence Island, the Bahamas. Bahamas Journal of Science 5(3): 12–15.
- Cock, M. J. W. 2000.** The skipper butterflies (Hesperiidae) of Trinidad. Part 10, Pyrginae completed; genera groups F and G. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 1999–2000: 49–71.
- Cock, M. J. W. 2001.** Notes on butterflies seen or collected on a short visit to Nevis, W.I., including the life history of *Epargyreus zestos* Geyer (Hesperiidae). Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2001: 27–36.
- Cock, M. J. W. 2002.** *Proteides mercurius grenadensis* Pinchon & Enrico (Hesperiidae) in Grenada, with notes on *Nyctelius nyctelius* Latreille (Hesperiidae) and other Lepidoptera observed, October 1995. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2002: 45–48.
- Cock, M. J. W. 2003a.** The skipper butterflies (Hesperiidae) of Trinidad Part 11, Hesperiinae, Genera group O. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2003: 14–48.
- Cock, M. J. W. 2003b.** On the number of species of moths (Lepidoptera) in Trinidad and Tobago. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2003: 49–58.
- Cock, M. J. W. 2004a.** The skipper butterflies (Hesperiidae) of Trinidad. Part 12, Heteroptinae Genera Group H and Hesperiinae Genera Group N. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2004: 23–25.
- Cock, M. J. W. 2004b.** Margaret E. Fountaine, an early 20th-century butterfly collector in Trinidad. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2004: 43–49.
- Cock, M. J. W. 2005.** The Skipper Butterflies (Hesperiidae) of Trinidad. Part 13, Hesperiinae, Genera group K. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2005: 23–47.

- Cock, M. J. W. 2006a.** The Skipper Butterflies (Hesperiidae) of Trinidad. Part 14: Hesperinae, Genera group L. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2006: 8–26.
- Cock, M. J. W. 2006b.** Book Review. A la découverte des papillons du jour des Antilles Françaises. L. Brévignon and C. Brévignon. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2006: 60.
- Cock, M. J. W. 2007.** The Skipper Butterflies (Hesperiidae) of Trinidad. Part 15, Hesperinae, Genera group M. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2007: 38–56.
- Cock, M. J. W. 2008.** Observations on the biology of *Pyrrhopyge amyclas amyclas* (Cramer) and *Mysoria barcastus alta* Evans (Lepidoptera: Hesperidae) in Trinidad, West Indies. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2008: 43–48.
- Cock, M. J. W. 2009.** The skipper butterflies (Hesperiidae) of Trinidad Part 16, Hesperinae, Genera Group J, *Vettius* – *Naevolus*. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2009: 11–31.
- Cock, M. J. W. 2010a.** The skipper butterflies (Hesperiidae) of Trinidad Part 17, Hesperinae, Anthoptini and the remainder of Evans' Genera Group I. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2010: 11–30.
- Cock, M. J. W. 2010b.** A note on the food plant and early stages of *Justinia gava* Evans (Lepidoptera: Hesperidae) in Trinidad, West Indies. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2010: 88.
- Cock, M. J. W. 2011.** The skipper butterflies (Hesperiidae) of Trinidad. Part 18, Hesperinae, Moncini: eight genera of relatively distinctive species: *Callimormus*, *Eutocus*, *Artines*, *Flaccilla*, *Phanes*, *Monca*, *Vehilius* and *Parphorus*. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2011: 14–36.
- Cock, M. J. W. 2012.** The skipper butterflies (Hesperiidae) of Trinidad. Part 19. Hesperinae, Moncini: the remaining genera with pale spots: *Cymaenes*, *Cobalopsis*, *Arita*, *Lerema*, *Morys* and *Tigasis*. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2012: 20–40.
- Cock, M. J. W. 2013a.** The skipper butterflies (Hesperiidae) of Trinidad. Part 20. Hesperinae, Moncini: the remaining genera of mostly unmarked brown species: *Eutocus*, *Eprius*, *Mnasicles*, *Methionopsis*, *Sodalialia*, *Thargella*, *Nastra*, *Mnasilus*, *Mnasitheus*, and *Papias*. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2013: 14–36.
- Cock, M. J. W. 2013b.** Collections of Lepidoptera from Trinidad and Venezuela by Ralph du Boulay Evans (1891–1929). Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2013: 83–84.
- Cock, M. J. W. 2014a.** A revised checklist of the Trinidad butterflies of the families Papilionidae, Pieridae and Nymphalidae (Lepidoptera). Insecta Mundi 0353: 1–41.
- Cock, M. J. W. 2014b** in press. Observations on the biology of skipper butterflies in Trinidad, West Indies: *Phocides*, *Chioides*, *Typhedanus*, and *Polythrix* (Hesperiidae, Eudaminae). Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2014.
- Cock, M. J. W. 2014b.** Observations on the biology of skipper butterflies in Trinidad, West Indies: *Phocides*, *Chioides*, *Typhedanus*, and *Polythrix* (Hesperiidae, Eudaminae). Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2014, (in press).
- Cock, M. J. W., and H. C. Evans. 1984.** Possibilities for biological control of *Cassia tora* and *C. obtusifolia*. Tropical Pest Management 30: 339–350.
- Cock, M. J. W., and S. Alston-Smith. 1990.** The skipper butterflies (Hesperiidae) of Trinidad. Part 6, Pyrginae, genera group D. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 1989–1990: 46–56.
- Cock, M. J. W., and S. Alston-Smith. 2013.** *Udranomia* spp. (Lepidoptera, Hesperidae, Eudaminae) in Trinidad, West Indies. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 2013, 29–31.
- Crowfoot, W. M. 1893.** Preliminary list on Trinidad butterflies. Journal of the Trinidad Field Naturalists' Club 1: 173–174.
- Draudt, M. 1921–1924.** B. Grypocera, broad-headed day-butterflies. P. 833–1011, 1138–1139, pl. 160–193. In: Seitz, A. (ed.). A systematic description of the hitherto known Macrolepidoptera in

- collaboration with well-known specialists. Volume 5. The American Rhopalocera. Alfred Kernen Verlag; Stuttgart, Germany, 1139 p., 194 pl.
- Evans, W. H. 1951.** A Catalogue of the American Hesperiidae in the British Museum (Natural History). Part I Introduction and Pyrrhopyginae. British Museum (Natural History) Publication; London, UK. 92 p., pl. 1–9.
- Evans, W. H. 1952.** A Catalogue of the American Hesperiidae in the British Museum (Natural History). Part II. Pyrginae Section 1. British Museum (Natural History) Publication; London, UK. 178 p., pl. 10–25.
- Evans, W. H. 1953.** A Catalogue of the American Hesperiidae in the British Museum (Natural History). Part III. Pyrginae Section 2. British Museum (Natural History) Publication; London, UK. 246 p., pl. 26–53.
- Evans, W. H. 1955.** A Catalogue of the American Hesperiidae in the British Museum (Natural History). Part IV. Hesperinae and Megathyminae. British Museum (Natural History) Publication, London, UK. 499 p., pl. 54–88.
- Freeman, H. A. 1976.** New Hesperiidae records for Mexico. *Journal of the Lepidopterists' Society* 30: 62–67.
- Freeman, H. A. 1979.** Review of the Mexican *Polythrix* Watson 1893 (Hesperiidae). *Journal of the Lepidopterists' Society* 33: 124–128.
- Godman, F. D., and O. Salvin. 1893–1901.** Hesperiidae. *Biologia Centrali-Americana, Insecta. Lepidoptera: Rhopalocera* Vol. 2: 244–637, 731–741, pl. 73–106, 112.
- Hebert, P. D. N., E. H. Penton, J. M. Burns, D. H. Janzen, and W. Hallwachs. 2004.** Ten species in one: DNA barcoding reveals cryptic species in the Neotropical skipper butterfly *Astraptes fulgerator*. *Proceedings of the National Academy of Sciences of the United States of America* 101: 14812–14817.
- Heikkilä, M., L. Kaila, M. Mutanen, C. Peña, and N. Wahlberg. 2011.** Cretaceous origin and repeated Tertiary diversification of the redefined butterflies. *Proceedings of the Royal Society, B: Biological Sciences* 279: 1093–1099.
- Hernández, L. R. 1992.** Butterfly observations on Mt. St. Benedict and at Moruga Bouffe. *The Field Naturalist, Bulletin of the Trinidad and Tobago Field Naturalist Club* 1992(3): 5–7.
- Herrera, J., M. Etcheverry, and C. Hochleitner. 1957.** Los Pyrginae de Chile (Lepidoptera Hesperiidae). *Revista Chilena de Entomología* 5: 143–182.
- ICZN [International Commission on Zoological Nomenclature]. 1999.** International Code of Zoological Nomenclature. Fourth Edition. The International Trust for Zoological Nomenclature; London. xxix + 306 p.
- Kaye, W. J. 1901.** A preliminary catalogue of the Lepidoptera Heterocera of Trinidad. *Transactions of the Entomological Society of London* 1901: 115–158, 2 pl.
- Kaye, W. J. 1904.** A catalogue of the Lepidoptera Rhopalocera of Trinidad. *Transactions of the Entomological Society of London* 1904: 159–224.
- Kaye, W. J. 1914.** Additions and corrections to my catalogue of the Lepidoptera Rhopalocera of Trinidad (1904). *Transactions of the Entomological Society of London* 1913: 545–585, pl. 30.
- Kaye, W. J. 1921.** A catalogue of the Trinidad Lepidoptera Rhopalocera (butterflies). *Memoirs of the Department of Agriculture, Trinidad and Tobago* 2: 1–163.
- Kaye, W. J. 1925.** New species and subspecies of Trinidad Rhopalocera and Heterocera. *Transactions of the Entomological Society of London* 1924: 413–428, pl. 45.
- Kaye, W. J. 1940.** Additions and corrections to the recorded species of Trinidad butterflies (Lepid. Rhop.). *Transactions of the Royal Entomological Society of London* 90: 551–573.
- Kaye, W. J., and N. Lamont. 1927.** A catalogue of the Trinidad Lepidoptera Heterocera (moths). *Memoirs of the Department of Agriculture, Trinidad and Tobago* 3: 144 p.
- Kirby, W. F. 1880.** Catalogue of the Lepidoptera (Rhopalocera, Sphingidae, Castniidae and Uraniidae) in the Museum of Science and Art, Dublin, with remarks on new or interesting species. *Scientific Proceedings of the royal Dublin Society (N.S.)* 2(5): 292–340.
- Lamas, G. (ed.). 2004.** Checklist: Part 4A Hesperioidea - Papilionoidea. *Atlas of Neotropical Lepidoptera*. Association of Tropical Lepidoptera, and Scientific Publishers; Gainesville, FL. 439 p.

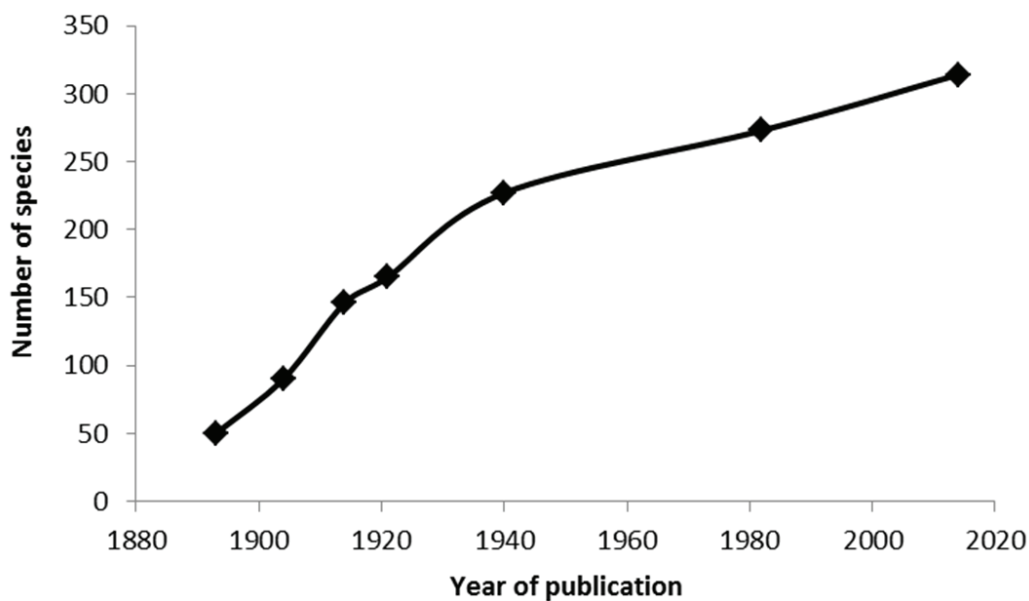
- Lamas, G. 2013.** Bibliography of butterflies. An Annotated Bibliography of the Neotropical Butterflies and Skippers (Lepidoptera: Papilionoidea and Hesperioidea). Revised Electronic Edition. 672 p. Available from: <http://www.butterfliesofamerica.com/docs/LamasBiblio2013.pdf> (Accessed August 2014)
- Lindsey, A. W. 1925.** The Cornell University Entomological Expedition to South America of 1919–1920. Scientific results. No. II. Hesperioidea. Bulletin of the Scientific Laboratories of Denison University 21: 71–113.
- Manuel, R. 1981.** A hesperiid hitch-hiker. Living World, Journal of the Trinidad and Tobago Field Naturalists' Club 1981–1982: 20.
- Mielke, C. G. C. 1994.** Papilionoidea e Hesperioidea (Lepidoptera) de Curitiba e seus arredores, Paraná, Brasil, com notas taxonômicas sobre HesperIIDae. Revista Brasileira de Zoologia 11: 759–776.
- Mielke, O. H. H. 1995.** Revisão de *Elbella* Evans e gêneros afins (Lepidoptera, Hesperinae, Pyrrhopyginae). Revista Brasileira de Zoologia 11: 395–586.
- Mielke, O. H. H. 2004.** 95. HesperIIDae. p. 25–86. *In*: G. Lamas (ed.). Checklist: Part 4A Hesperioidea – Papilionoidea. Atlas of Neotropical Lepidoptera. Scientific Publishers; Gainesville, Florida, USA, 439 p.
- Mielke, O. H. H. 2005.** Catalogue of the American Hesperioidea: HesperIIDae (Lepidoptera). Sociedade Brasileira de Zoologia; Curitiba, Brazil. 6 vols., 1536 p.
- Mielke, O. H. H., and M. M. Casagrande. 1992.** Lepidoptera: Papilionoidea e Hesperioidea coletados na Ilha de Maracá com uma lista complementar de HesperIIDae de Roraima. Acta Amazonica 21: 175–210.
- Mielke, O. H. H., and M. M. Casagrande. 2002.** Notas taxonômicas em HesperIIDae Neotropicais, com descrições de novos taxa (Lepidoptera). Revista Brasileira de Zoologia 19 (Supl. 1): 27–76.
- Miller, L. D. 1965.** Systematics and zoogeography of the genus *Phanus* (HesperIIDae). Journal of Research on the Lepidoptera 4: 115–130.
- Myers, J. G. 1935a.** Second report on an investigation into the biological control of West Indian insect pests. Bulletin of Entomological Research 26: 181–252, map.
- Myers, J. G. 1935b.** An entomological investigation in St. Vincent. Tropical Agriculture 12: 139–144.
- Pelham, J. P. 2008.** A catalogue of the butterflies of the United States and Canada with a complete bibliography of the descriptive and systematic literature. Journal of Research on the Lepidoptera 40: i–xiii, 1–652.
- Pliske, T. E. 1973.** Factors determining mating frequencies in some New World butterflies and skippers. Annals of the Entomological Society of America 66(1): 164–169.
- Preston, J. D., and F. W. Preston. 1983.** Trinidad. p. 34–35. *In*: 1982 Season Summary. Zone 10. South America. News of the Lepidopterists' Society 1983(2): 13–35.
- Riley, N. D. 1921.** Some undescribed Rhopalocera in the British Museum (Nat. Hist.). The Entomologist 54: 180–184.
- Riley, N. D. 1975.** A Field Guide to the Butterflies of the West Indies. Collins, London. 224 p.
- Robbins, R. K., G. Lamas, O. H. H. Mielke, D. J. Harvey, and M. M. Casagrande. 1996.** Taxonomic composition and ecological structure of the species-rich butterfly community at Pakitza, Parque Nacional del Manu, Perú. p. 217–252. *In*: D.E Wilson, and A. Sandoval (eds.). Manu, the biodiversity of southeastern Peru. Smithsonian Institute; Washington, DC. 674 p.
- Schaus, W. M. 1902.** Descriptions of new American butterflies. Proceedings of the United States National Museum 24(1262): 383–460.
- Scoble, M. J. 1990a.** A catalogue of the Hedyliidae (Lepidoptera: Hedyloidea), with descriptions of two new species. Entomologica Scandinavica 21: 113–119.
- Scoble, M. J. 1990b.** An identification guide to the Hedyliidae (Lepidoptera: Hedyloidea). Entomologica Scandinavica 21: 121–158.
- Sepp, J. [1829–1843].** Natuurlijke Historie van Surinaamsche Vlinders, naar het leven geteekend. Papillons de Surinam dessinés d'après nature. Volume 1. Jan Christian Sepp en Zoon; Amsterdam, i–viii, 108 p., 50 pl.
- Smith, D. S., and R. L. Hernández. 1992.** New subspecies of *Pseudochrysops bornoi* (Lycaenidae) and *Saliana esperi* (HesperIIDae) from Cuba, with a new island record and observations on other butterflies. Caribbean Journal of Science 28: 139–148.

- Smith, D. S., L. D. Miller, and J. Y. Miller. 1994.** The butterflies of the West Indies and South Florida. Oxford University Press; Oxford, UK. 264 p.
- Steinhauser, S. R. 1975.** An annotated list of the HesperIIDae of El Salvador. Bulletin of the Allyn Museum 29: 1–34.
- Steinhauser, S. R. 1981.** A revision of the proteus group of the genus *Urbanus* Hübner Lepidoptera: HesperIIDae. Bulletin of the Allyn Museum of Entomology 62: 41 p.
- Steinhauser, S. R. 1986.** A review of the skippers of the *Narcosius* group of species of the genus *As-traptus* Hubner (sensu Evans, 1952) and erection of a new genus. Lepidoptera: HesperIIDae. Bulletin of the Allyn Museum 104: 1–43.
- Steinhauser, S. R. 1989.** Taxonomic notes and descriptions of new taxa in the Neotropical HesperIIDae. Part I. Pyrginae. Bulletin of the Allyn Museum 127: 1–70.
- Urich, F. W. 1932.** The arrowroot leaf roller (*Calpododes ethlius*). Tropical Agriculture 9: 299–300.
- van Nieukerken, E. J., L. Kaila, I. J. Kitching, N. P. Kristensen, D. C. Lees, J. Minet, C. Mitter, M. Mutanen, J. C. Regier, T. J. Simonsen, N. Wahlberg, S.-H. Yen, R. Zahiri, D. Adamski, J. Baixeras, D. Bartsch, B. A. Bengtsson, J. W. Brown, S. R. Bucheli, D. R. Davis, J. De Prins, W. De Prins, M. E. Epstein, P. Gentili-Poole, C. Gielis, P. Hättenschwiler, A. Hausmann, J. D. Holloway, A. Kallies, O. Karsholt, A. Y. Kawahara, S. Koster, M. V. Kozlov, J. D. Lafontaine, G. Lamas, J.-F. Landry, S. Lee, M. Nuss, K.-T. Park, C. Penz, J. Rota, A. Schintlmeister, B. C. Schmidt, J.-C. Sohn, M. A. Solis, G. M. Tarmann, A. D. Warren, S. Weller, R. V. Yakovlev, V. V. Zolotuhin, and A. Zwick. 2011.** Order Lepidoptera Linnaeus, 1758. p. 212–221. In: Z.-Q. Zhang (ed.). Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. Zootaxa 3148: 1–237.
- Warren, A. D. 1996.** Phylogenetic revision of the skippers of the *Mithridates* species group, and their replacement in *Eantis* Boisduval, 1836 (Lepidoptera: HesperIIDae: Pyrginae). Entomology Department honours thesis, Cornell University, Ithaca, New York. 188 p., 36 pl.
- Warren, A. D. 2000.** 30. Hesperioidea (Lepidoptera). p. 535–580. In: Llorente Bousquets, J.E., E. González Soriano and N. Papavero (eds.). Biodiversidad, Taxonomía y Biogeografía de Artrópodos de México: Hacia una Síntesis de su Conocimiento. Volumen II. Universidad Nacional Autónoma de México; Mexico City, Mexico. 676 p.
- Warren, A. D., J. R. Ogawa, and A. V. Z. Brower. 2008.** Phylogenetic relationships of subfamilies and circumscription of tribes in the family HesperIIDae (Lepidoptera: Hesperioidea). Cladistics 24: 1–35.
- Warren, A. D., J. R. Ogawa, and A. V. Z. Brower. 2009.** Revised classification of the family HesperIIDae (Lepidoptera: Hesperioidea) based on combined molecular and morphological data. Systematic Entomology 34: 467–523.
- Warren, A. D., K. J. Davis, E. M. Stangeland, J. P. Pelham, and N. V. Grishin. 2014.** Illustrated Lists of American Butterflies (North and South America) 14-II-2014. Available from: <http://butterfliesofamerica.com/L/Neotropical.htm> Last (Accessed August 2014)
- Williams Jr., R. C., and E.L. Bell. 1931.** HesperIIDae of the Forbes expedition to Dutch and British Guiana (Lepidoptera). Transactions of the American Entomological Society 57: 249–287, 290, plate 25.

Received July 12, 2014; Accepted August 21, 2014.
Review Editor David Plotkin.

Table 1. The number of species and genera of Hedyliidae and Hesperiiidae recorded from Trinidad, by families, subfamilies and tribes.

Family	Genera	Species
Hedyliidae	1	2
Hesperiiidae		
Eudaminae	36	87
Pyrginae	41	159
Pyrrhopygini	5	8
Celaenorrhinini	1	2
Carcharodini	8	19
Erynnini	13	23
Achlyodidini	7	10
Pyrgini	7	11
Hesperiinae	80	155
Calpodini	14	39
Anthoptini	4	8
Moncini	41	72
Hesperiini	18	30
<i>incertae sedis</i>	3	5
Total		314

**Figure 1.** The number of species of Hesperiiidae recorded from Trinidad, based on Crowfoot (1893), Kaye (1904, 1914, 1921, 1940) and Cock (1982, this work).