

LIST OF FOODPLANTS OF SOME EAST AFRICAN
RHOPALOCERA, WITH NOTES ON THE EARLY STAGES
OF SOME LYCAENIDAE

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During the course of some fifty-odd years of intermittent field work in Uganda and Kenya, I have gleaned a small amount of knowledge regarding the foodplants of the butterflies of the two territories.

The list, in its present form, is compiled at the request of Dr. F. H. Rindge of the American Museum of Natural History, New York. It deals with some 300 species out of the 2000 known to occur in eastern Africa. I hope that the list, however incomplete, will be of some use to students of this fascinating branch of the study of Rhopalocera of East Africa.

The distribution of species is closely related to the known range of their foodplants. It will be noted that species which are common and widespread have a multiplicity of foodplants belonging to several botanical families, thus contributing to their chance of survival despite the rapid changes in environment now going on in these territories as a result of the increase in areas under cultivation and concurrent destruction of indigenous forests.

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It is regretted that, in some instances, the material submitted was inadequate for specific identification, and is here listed with a query. In some instances, the name supplied originally is now considered to be a synonym, and the corrections have been made wherever possible.

For the majority of records, the butterfly was reared from egg to imago on the foodplant selected by the female parent.

PART 1. FOODPLANTS

PAPILIONIDAE

Papilio dardanus Brown, eastern subspecies. Rutaceae: *Teclea simplicifolia* (Engl.) Verdorn (= *viridis* Verdorn); *T. nobilis* Delile; *T. stuhlmanni* Engler; *T. villosa* N. R. F. Tayler; *Toddalia asiatica* Lamarck; *Vespris eugeniifolia* (Engl.) Verdorn; citrus, various exotic.

- P. phorcas* Cramer, and subspecies. Rutaceae: *Teclea simplicifolia* Verdorn; *T. nobilis* Delile; *T. villosa* Tayler.
- P. mackinnoni* E. Sharpe, and subspecies. Rutaceae: *Teclea simplicifolia* Verdorn; *T. nobilis* Delile; *T. tricarpa* Engler.
- P. nobilis* Rogenheimer, and subspecies. Canalaaceae: *Warburgia ugandensis* Sprague.
- P. lormerei* Distant. Rutaceae: *Clausena anisata* (Wild) Oliver; *Fagaropsis* sp.; *Teclea* spp.
- P. ophidicephalus* Oberthur. Rutaceae: *Clausena anisata* (Wild) Oliver; *C. inaequalis* Benth.
- P. constantinus* Ward, and subspecies. Rutaceae: *Clausena* spp.; *Teclea* spp.
- P. hesperus* Westwood. Lauraceae: *Tylostemon ugandensis* (Rendle) Staf.
- P. rex* Oberthur, and subspecies. Rutaceae: *Teclea tricarpa* Engler; *T. stuhlmanni* Engler (?).
- P. demodacus* Esperance. Rutaceae: *Caledendron capensis* Thunberg; *Clausena anisata* Wild (Oliver); *C. inaequalis* Benth.; *Fagaropsis angolensis* Dale; citrus, exotic; *Toddalia asiatica* Lamarck. Anacardiaceae: *Pseudospondias microcarpa* Engler.
- P. nireus* Linnaeus, and subspecies. Rutaceae: *Caledendron capensis* Thunberg; *Toddalia asiatica* Lamarck; *Clausena* spp.; citrus, various exotic.
- P. bromius* Doubleday, and subspecies. Rutaceae: *Caledendron capensis* Thunberg; *Teclea* spp.
- P. magda* Gifford (= *brontes* auct.). Rutaceae: *Teclea* spp.
- P. teita* van Someren. Rutaceae: *Vespris eugeniifolia* Verdorn; *Teclea* spp.
- P. jacksoni* E. Sharpe, and subspecies. Rutaceae: *Clausena anisata* (Wild) Oliver; *C. inaequalis* Benth.
- P. echerioides* Trimen, and subspecies. Rutaceae: *Clausena inaequalis* Benth.; *Toddalia asiatica* Lamarck.
- P. cynorta* Fabricius. Rutaceae: *Clausena* spp.
- P. ugandae* Lathy. Anacardiaceae: *Pseudospondias microcarpa* Engler.
- P. leonidas* Fabricius, and subspecies. Anonaceae: *Uvaria leptocladon* Oliver; *Uvaria* sp.; *Anona senegalensis* Perseon. Apocynaceae: *Landolphia ugandensis* Staph.; *L. buchannani* Engler.
- P. philonoe* Ward. Anonaceae: *Uvaria leptocladon* Oliver; *U. chamae* Beauvais.
- P. pylades* Fabricius, and subspecies. Apocynaceae: *Landolphia buchannani* Engler; *L. ugandensis* Staph. Anonaceae: *Anona senegalensis* Perseon; *Anona*, exotic cultivated.
- P. policenes* Cramer. Anonaceae: *Uvaria bukobensis* Engler; *U. chamae* Beauvais. Apocynaceae: *Landolphia buchannani* Engler; *L. ugandensis* Staph.
- P. antheus* Cramer, and subspecies. Apocynaceae: *Landolphia ugandensis* Staph. Anonaceae: *Anona* spp.
- P. sisenna* Mabilie. Anonaceae: *Anona senegalensis* Perseon.
- P. porthaon* Hewitson. Anonaceae: *Anona* spp.
- P. colonna* Ward. Anonaceae: *Anona* spp.
- P. kirbyi* Hewitson. Anonaceae: *Anona senegalensis* Perseon.

PIERIDAE

- Leptosia marginea* Mabilie, *wigginsi* Dixey, *hybrida somereni* Bernardi, *pseudonuptilla* Bernardi, *alcesta pseudoalcesta* Bernardi, *medusa immaculata* Aurivillius. Caparidaceae: *Capparis* spp. (small scandent shrubs in forest; thorns recurved; leaves elongate or ovate).
- Appias sylvia* Fabricius, and subspecies. Euphorbiaceae: *Drypetes ugandensis* Hutchinson; *D. gerrardi* Hutchinson (= *battiscombei* Hutchison).

- A. *lasti* Smith. Euphorbiaceae: *Drypetes gerrardi* Hutchison; *Phyllanthus* sp. indet.
 A. *sabina* Felder, and subspecies. Euphorbiaceae: *Drypetes ugandensis* Hutchinson;
D. gerrardi Hutchinson. Capparidaceae: *Ritchia fragrans* (Sims) G. Don. (?).
 A. *epaphia* Cramer, and subspecies. Capparidaceae: *Boscia salicifolia* Oliver; *Boscia*
 spp.
Pinacopteryx eriphia Godart, and subspecies. Capparidaceae: *Boscia* spp.
Belenois zochalia Boisduval, and subspecies. Capparidaceae: *Capparis tomentosa*
 Lamarck; *C. lilacinus* Gilgood; *C. albersi* Gilgood; *C. galeata* Freis.; *Maerua*
triphylla Richmond (= *cylindricarpa* Gilgood, *pubescens* Gilgood); *M. hoenelli*
 Schweinfurth. Salvadoraceae: *Salvadora persica* Linnaeus.
 B. *margaritacea* E. Sharpe. Capparidaceae: *Maerua* spp.
 B. *raffrayi* Oberthur, and subspecies. Capparidaceae: *Capparis* spp.
 B. *victoria* Dixey, and subspecies. Capparidaceae: *Capparis tomentosa* Lamarck;
Maerua spp.
 B. *calypso* Druce, and subspecies. Capparidaceae: *Maerua* spp.; *Cadaba* spp.
 B. *subeida* Felder, and subspecies. Capparidaceae: *Capparis* spp.
Anaphaeois gidica Godart. Capparidaceae: *Capparis* spp. Salvadoraceae: *Salvadora*
persica Linnaeus.
 A. *creone* Cramer. Capparidaceae: *Capparis* spp.; *Boscia* spp.
 A. *aurota* Fabricius. Capparidaceae: *Capparis* spp.; *Boscia* spp.
Dixeia pigea Boisduval, and subspecies. Capparidaceae: *Capparis* spp.
 D. *doxo* Godart, and subspecies. Capparidaceae: *Capparis* spp.
 D. *spilleri* Spiller. Capparidaceae: *Capparis* spp.
Pieris (*Belenois*) *solilucis* Butler. Capparidaceae: *Capparis tomentosa* Lamarck.
Pontia helice johnstoni Crowley. Resedaceae: *Caylusia abyssinicus* (Fresenius) Fischer.
 Cruciferaceae: *Crucifera* spp.; *Epicastrum arabicum* Fischer and Meyer.
 P. *glauconome* Klug. Cruciferaceae: *Epicastrum arabicum* Fischer and Meyer.
Catopsilia florella Fabricius. Caesalpinaceae: *Cassia* spp. Papilionaceae: *Sesbania*
 spp.
Nepheronia thallasina Boisduval. Hippocrataceae: *Hippocrates obtusifolia* Lessner.
 N. *argyia* Fabricius. Rhizophoraceae: *Cassipura ruwenzorensis* Alsten.
 N. *bouqueti* Butler. Capparidaceae: *Ritchea fragrans* (Sims) G. Don.; *R. albersi*
 Gilger. Salvadoraceae: *Salvadora persica* Linnaeus.
Eronia leda Butler. Salvadoraceae: *Salvadora persica* Linnaeus. Capparidaceae:
Capparis tomentosa Linnaeus; *C. caleagnous* Gilger.
Mylothris sagala Smith, and subspecies. Loranthaceae: *Loranthus* spp., including
fischeri, *freisiorum*, *dredgei*, *usuinensis*, etc. In the absence of *Loranthus*, *Vis-*
cum is utilized. All are parasitic.
 M. *chloris* Fabricius, and subspecies. Loranthaceae: most species of *Loranthus*.
 Santalaceae: *Osyris abyssinicus* Hochsteter.
 M. *ruppelli* Karsch, and subspecies. Loranthaceae: *Loranthus* spp.
 M. *poppea* Cramer, and subspecies. Loranthaceae: *Loranthus* spp.
 M. *ruandana* Strand. Loranthaceae: *Loranthus* spp.
 M. *bernice rubricosta* Mabilie. Polygonaceae: *Polygonum barbatum* var. *fischeri*
 (= *setosulum* A. Richard), a swamp plant.
Colas electo Linnaeus. Caesalpinaceae: *Cassia* spp.; *Sesbania* spp. Oxalidaceae:
Oxalis spp.
Terias hecabe Linnaeus, and subspecies. Mimosaceae: *Albizia gummifera* Smith;
Albizia spp.
 T. *brigitte* Cramer, and subspecies. Caesalpinaceae: *Cassia* spp.; *Sesbania* spp.
Colotis hetaera Gerstaecker, and subspecies. Capparidaceae: *Capparis* spp.
 C. *regina* Trimen. Capparidaceae: *Capparis* spp.; *Boscia* spp.

- C. ione* Godart. Capparidaceae: *Capparis* spp.; *Boscia* spp.
C. elgonensis E. Sharpe, and subspecies. Capparidaceae: *Maerua* spp.
C. eris Klug. Capparidaceae: *Capparis* spp.; *Ritchea* spp.
C. evarne Klug. Capparidaceae: *Capparis* spp.; *Maerua* spp.
C. incretius Butler. Capparidaceae: *Capparis* spp. Salvadoraceae: *Salvadora persica* Linnaeus.
C. achine Cramer. Capparidaceae: *Capparis* spp.; *Ritchea* spp.
C. danae Fabricius. Capparidaceae: *Capparis* spp.
C. antigone Butler. Capparidaceae: *Capparis* spp.
C. antevippe Butler. Capparidaceae: *Capparis* spp.
C. evenina Wallengren. Capparidaceae: *Capparis* spp.
C. calais amatus Fabricius. Capparidaceae: *Capparis* spp.
C. aurigineus Baker. Capparidaceae: *Capparis* spp.; *Boscia* spp.
C. vesta Reiche. Capparidaceae: *Capparis* spp.
C. phisadia rothschildi E. Sharpe. Salvadoraceae: *Salvadora persica* Linnaeus.
C. pallene rogersi Dixey. Capparidaceae: *Capparis* sp. indet.
C. venosa Strand. Capparidaceae: *Capparis* spp.
C. halimede Klug. Capparidaceae: *Capparis* spp.
C. pleione Klug. Capparidaceae: *Capparis* spp.
C. celimene Lucas. Capparidaceae: *Capparis* spp.; *Boscia* spp.

NYMPHALIDAE

- Najas* (= *Euphaedra*) *neophron* Hopffer, and subspecies. Sapindaceae: *Deinbollia borbonica* Scheffler; *D. kilimanjarica* Taubert.
N. uganda Aurivillius, and subspecies. Sapindaceae: *Deinbollia fulvotomentella* Baker; *Allophylus subcoriacius* Baker.
N. spatiosa Mabile. Sapindaceae: *Philodiscus unijugatus* Radikofer (= *zambesiacus* Baker); *Paullinia pinnata* Linnaeus.
N. medon Linnaeus. Sapindaceae: *Philodiscus unijugatus* Radikofer (= *zambesiacus* Baker); *Deinbollia fulvotomentella* Baker.
N. eleus Drury, and subspecies. Sapindaceae: *Philodiscus unijugatus* Radikofer.
N. coprates Druce, and subspecies. Sapindaceae: *Philodiscus* spp.; *Allophylus* spp.
Euryphene mardania Fabricius, and subspecies. Palmae: various palms, including *Phoenix reclinata* Jacqin; *Hyphene thebaica* Mart.; borassus palm; cultivated coconut.
Cymothoe caenis Drury, and subspecies. Flacourtiaceae: *Rawsonia usambarensis* Schaumann; *R. lucida* Harvey and Sender.
C. coramus Smith. Bignoniaceae: *Kigelia (aethiopica) africana* Benthams; *K. moosa* Sprague; *Fernandoa magnifica* Seemann.
Salamis cacta Fabricius. Urticaceae: *Utera hypselidendron* Wedd; *U. cameroonensis*.
S. temora Felder. Acanthaceae: *Paulowilhelmia sclerochiton* Lindau; *Mimulepsis spatulata*; *Justicea* spp.
S. parhassus Drury. Acanthaceae: *Asystasia schimperi* T. Anderson.
S. anacardii Linnaeus. Acanthaceae: *Asystasia schimperi* T. Anderson.
Catacroptera cloanthe Cramer. Acanthaceae: *Barlesia stuhlmanni* (?).
Precis octavia Cramer, and subspecies. Labiatae: *Coleus barbatus* Benthams; *C. umbrosus* Vatke; *Plectranthus defoliatius* Hochsteter; *Pycnostacy* sp.
P. westermanni Westwood. Acanthaceae: *Asystasia schimperi* T. Anderson.
P. oenone Linnaeus (= *clelia* Cramer). Acanthaceae: *Asystasia* spp.; *Barlesia stuhlmanni*.
P. hierta Fabricius (= *cebrene* Trimen). Acanthaceae: *Barlesia stuhlmanni* (?).

- P. chorimene* Guerin. Acanthaceae: *Asystasia schimperii* T. Anderson; *Justicia leikepiensis* (?).
- P. sophia* Fabricius. Acanthaceae: *Paulowilhelmia sclerochiton* Lindau.
- Pseudacraea lucretius* Cramer, and subspecies. Sapotaceae: *Chrysophyllum viridifolium* Wood (= *welwichii*); *C. albidum* G. Don.; *C. gorongosanum* Engler.
- P. boisduvalli* Doubleday, and subspecies. Sapotaceae: *Chrysophyllum viridifolium* Wood; *Manilkara bagshawii* Moore.
- P. eurytus* Linnaeus, and subspecies. Sapotaceae: *Mimosops bagshawii* Moore; *M. kummel* Hochstacher; *Chrysophyllum* spp.
- Hamanumida daedulus* Fabricius. Combretaceae: *Combretum* spp.
- Aterica galene* Brown, and subspecies. Combretaceae: *Quisqualia indica* (= *littorea* (Engler) Exell.).
- Charaxes jasius epijasius* Reichelman. Celastraceae: *Gymnosporia* spp.; *Elaeodendron* spp.; *Maytenus* spp. Gramineae: sorghum spp.
- C. jasius saturnus* Baker. Celastraceae: *Elaeodendron* spp. Caesalpinaceae: *Afzelia cuanzensis* Wellich; *Brachystygia spiciformis* Benthams; *B. edulis* Hutchison and Davy.
- C. jasius harrisoni* E. Sharpe. Caesalpinaceae: *Brachystygia spiciformis* Benthams.
- C. hansali* Felder, and subspecies. Salvadoraceae: *Salvadoria persica* Linnaeus.
- C. castor* Cramer, and subspecies. Celastraceae: *Maytenus senegalensis* Exall.; *Elaeodendron* spp.
- C. ansorgei* Rothschild, and subspecies. Melianthaceae: *Bersama abyssinica* Fresenius; *B. paullinoides* Verdcourt.
- C. phoebus* Butler. Melianthaceae: *Bersama abyssinicus* Fresenius.
- C. pollux* Cramer, and subspecies. Sapindaceae: *Deinbollia kilimanjarica* Taubert; *D. burbonica* Schaff. Melianthaceae: *Bersama abyssinicus* Fresenius. Euphorbiaceae: *Fluegea microcarpa* Blume.
- C. druceanus* Butler, and subspecies. Myrtaceae: *Syzygium caudatus* Krauss; *S. guinense* Willdenow; *S. sp.* undet.
- C. brutus* Cramer, and subspecies. Euphorbiaceae: *Fluggea microcarpa* Blume. Melianthaceae: *Bersama* spp. Tiliaceae: *Grewia* spp. Meliaceae: *Melia volkensii* Gurke; *M. azarach* (exotic); *Ekebergia capensis* Sparmann.
- C. lucretius* Cramer, and subspecies. Anonaceae: *Anona senegalensis* Perseen.
- C. violetta* Smith, and subspecies. Caesalpinaceae: *Afzelia cuanzensis* Wellich; *Brachystygia spiciformis* Benthams; *B. edulis* Hutchison and Davy. Sapindaceae: *Deinbollia kilimanjarica* Taubert.
- C. pythodorus* Hewitson, and subspecies. Papilionaceae: *Crabia brownei* Dunn; *C. laurentii* Willdenow; *C. brevicaudata* Dunn.
- C. etesipe* Godart, and subspecies. Euphorbiaceae: *Ricinus communis* Linnaeus; *Croton megalocarpa* Hutchison; *Phyllanthus meruensis* Pax; *P. guinensis* Pax; *Tragia benthamii* Pax; (= *cordifolia*). Mimosaceae: *Entada abyssinicus* Richmond; *E. gigas* Fawcett and Randle; *E. scandens* (Linnaeus) Benthams. Caesalpinaceae: *Afzelia cuanzensis* Wellich. Papilionaceae: *Dalbergia microcarpa* Taub and Baker.
- C. penricei* Rothschild. Mimosaceae: *Entada* spp.
- C. achaemenes* Felder. Caesalpinaceae: *Brachystygia spiciformis* Benthams; *B. oliveri* Fawcett and Randle; *B. randii* Baker; *B. appendiculata* Benthams.
- C. guderiana* Dufrane. Caesalpinaceae: *Brachystygia spiciformis* Benthams; *B. edulis* Hutchison and Davy. Papilionaceae: *Balbergia melanoxylon* Guillemin and Perrettet.
- C. blanda kenya* Poulton. Caesalpinaceae: *Brachystygia spiciformis* Benthams; *B. edulis* Hutchison and Davy.
- C. jahlusa* Trimen, and subspecies. Mimosaceae: *Acacia* spp.

- C. baumanni* Rogenhofer, and subspecies. Mimosaceae: *Acacia pennata* Willdenow; *A. seval* Delil; *Peterolobium stellatum* Brenan (= *lacerans* R. Bruce).
- C. anticlea* Drury, and subspecies. Mimosaceae: *Acacia poetzi* Hauman; *A. pennata* Willdenow.
- C. pleione* Godart, and subspecies. Mimosaceae: *Acacia pennata* Willdenow; *Acacia* spp.
- C. paphianus* Westwood, and subspecies. Mimosaceae: *Acacia* spp.
- C. manica* Trimen, and subspecies. Mimosaceae: *Albizia antuesiana* Harmsworth. Papilionaceae: *Dalbergia nyasae* (?).
- C. fulgurata* Aurivillius. Caesalpinaceae: *Erythrophleum africana* Guillemin and Perettet.
- C. abygni* Poulton, and subspecies. Mimosaceae: *Albizia gummifera* C. A. Smith.
- C. berkeleyi* van Someren, and subspecies. Mimosaceae: *Albizia gummifera* C. A. Smith. Rhamnaceae: *Scutia myrtina* Burmann.
- C. baileyi* van Someren. Rhamnaceae: *Scutia myrtina* Burmann.
- C. candiopo* Godart. Euphorbiaceae: *Croton megalocarpa* Hutchison; *C. macrostachys* Delil; *C. dichogamus* Pax; *C. sylvaticum* Krauss.
- C. boueti* Feisthamel, and subspecies. Gramineae: *Arundinaria alpinus* K. Schaumann; *Oxytenanthera abyssinica* Munro.
- C. lasti* Smith. Caesalpinaceae: *Afzelia cuanzensis* Welwich; *Paramacrolobium coeruleum* (Taub) Leonard.
- C. protoclea* Feisthamel, and subspecies. Caesalpinaceae: *Afzelia cuanzensis* Welwich. Myrtaceae: *Syzygium guinensis* Willdenow; *S. caudatum* Krauss.
- C. lactetinctus* Karsch, and subspecies. Myrtaceae: *Syzygium cordatum* Krauss.
- C. eudoxus* Drury, and subspecies. Araliaceae: *Schefflera* spp. Myrtaceae: *Syzygium* spp.
- C. cynthia* Butler, and subspecies. Guttiferae: *Garcinia* sp. (unconfirmed; Sevastopulo).
- C. tiridates* Cramer, and subspecies. Sapindaceae: *Phialodiscus unijugatus* Baker. Linaceae: *Hugonia platysepala* Oliver (?); *H. castaneifolia* Engler. Ulmaceae: *Celtis africana* Burmeister; *C. durandi* Engler; *Chaetacme arisata* Planch (= *microcarpa*). Tiliaceae: *Grewia mollis* Jussieu; *G. tricocarpa* Hochsteter (= *nyanzae* Drummond). Bombacaceae: *Bombax reflexum* Sprague. Flacourtiaceae: *Flacourtia indica* Merrill. Malvaceae: *Hibiscus* sp. undet.
- C. bipunctatus* Rothschild. Sapindaceae: *Phialodiscus unijugatus* Baker.
- C. numenes* Hewitson, and subspecies. Linaceae: *Hugonia platysepala* Oliver. Tiliaceae: *Grewia mollis* Jussieu; *G. forbesi* Masters. Papilionaceae: *Erythrina abyssinica* Lamarck; *E. excelsa* Baker. Sapindaceae: *Deinbollia fulvotomentella* Baker.
- C. bohemani* Felder. Caesalpinaceae: *Afzelia cuanzensis* Welwich.
- C. xiphares* Cramer, and subspecies. Laurinaceae: *Cryptocarya* spp.
- C. nandina* Rothschild. Euphorbiaceae: *Drypetes gerrardi* Hutchinson (= *battiscombei* Hutchinson). Papilionaceae: *Crabia brownei* Dunn (= *elliotti* Dunn).
- C. cithaeron* Felder, and subspecies. Sterculiaceae: *Cola laurifolia* Masters. Ulmaceae: *Chaetacme cristata* Planch (= *microcarpa*). Papilionaceae: *Crabia brownei* Dunn. Celastraceae (Hippocrataceae): *Hippocrates obtusifolia*. Caesalpinaceae: *Afzelia cuanzensis* Welwich.
- C. etheocles* Cramer, and subspecies. Rhamnaceae: *Scutia myrtina* Burmann. Ulmaceae: *Celtis durandi* Engler.
- C. viola* Baker, and subspecies. Mimosaceae: *Albizia coriaria* Oliver; *A. adianthifolia* Schoumacher (= *sassa*, *fastigiata*); *Entada abyssinica* Richmann; *E. gigas* Fawcett and Randle; *Acacia mellifera* Benth.
- C. cedreatis* Hewitson. Mimosaceae: *Albizia grandibracteata* Taub; *A. brownei* Oliver; *A. zygia* Macbride; *A.* spp.

- C. ethalion* Boisduval. Mimosaceae: *Parkia filicoidea* Oliver; *Piptadenia buchannani* Baker; *Tamarindus indicus* (exotic). Rhamnaceae: *Scutia myrtina* Burmann; *S. buxifolia*.
- C. virilis* Rothschild. Leguminosae: *Adenantha pavonina* (?).
- C. alpinus* van Someren, and subspecies. Mimosaceae: *Albizia gummifera* Smith. Rhamnaceae: *Scutia myrtina* Burmann.
- C. zingha* Stoll. Linaceae: *Hugonia castaneifolia* Engler; *H. platysepala* Oliver.
- C. eupale* Druce, and subspecies. Mimosaceae: *Albizia gummifera* Benthams; *A. zygia* Macbride. Rhamnaceae: *Scutia myrtina* Burmeister.
- C. dilutus* Rothschild, and subspecies. Mimosaceae: *Albizia gummifera* (Benthams) Smith.
- C. subornatus* Schauman, and subspecies. Mimosaceae: *Albizia brownei* Oliver; *A. gummifera* (Benthams) Smith.
- C. zoolina* Westwood, and subspecies. Mimosaceae: *Acacia pennata* Willdenow; *Acacia* spp.
- C. varanes* Cramer, and subspecies. Sapindaceae: *Allophylus macrostachys* Gilger; *A. subcoriacius* Baker; *A. glaucescens*.
- C. fulvescens* Aurivillius, and subspecies. Sapindaceae: *Allophylus macrobothrys* Gilger.
- C. acuminatus* Thunberg, and subspecies. Sapindaceae: *Allophylus* spp. Melanthaceae: *Bersama abyssinicus* Fresenius.
- Palla ussheri* Baker, and subspecies. Convolvulaceae: *Bonamia poranoides* Hallier (= *Metaporana densiflora* Hallier).
- P. violinitens* Crowley, and subspecies. Convolvulaceae: *Bonamia poranoides* Hallier (= *Metaporana densiflora* Hallier). Verbenaceae: *Clerodendron kentrocaule* Baker.
- Phalantha* (= *Atella*) *phalantha* Drury. Samydeae: *Trimeria* spp. Caelastraceae: *Gymnosporia* spp.
- P. columbina* Cramer. Flacourtiaceae: *Scolopia* spp.
- Lachnoptera iole* Fabricius. Flacourtiaceae: *Rawsonia lucida* Harvey and Sonder.
- L. ayersi* Trimen. Flacourtiaceae: *Rawsonia usambarensis* Schaumann.
- Catuna critha* Drury. Melianthaceae: *Bersama abyssinicus* Fresenius.
- Pseudoneptis coenibita* Drury. Moraceae: *Antiaris toxicaria* Leschenault.
- Eurytela dryope* Cramer, and subspecies. Euphorbiaceae: *Ricinus communis* Linnaeus; *Tragia benthami* Pax (= *cordifolia*).
- E. hiabas* Drury, and subspecies. Euphorbiaceae: *Tragia benthami* Pax (= *cordifolia*); *Ricinus communis* Linnaeus.
- Issoria excelsior* Baker. Violaceae: *Viola abyssinica*.
- I. hanningtoni* Elwes. Violaceae: *Viola abyssinica*.
- Neptis seclava* Boisduval. Urticaceae: *Australina acuminate* Welwiche; *Acalypha paniculata*; *Quisqualis* sp.
- N. kariakofi* Overlaet. Sapindaceae: *Paullinia pinnata* Linnaeus. Urticaceae: *Pilea engleri* Randle; *Acalypha paniculata*.
- N. laeta* Overlaet. Mimosaceae: *Albizia zygia* Macbride.
- N. nemetes* Hewitson, and subspecies. Euphorbiaceae: *Alchornea cordifolia* Schumacher.
- N. trigonophora* Butler, and subspecies. Sapindaceae: *Paullinia pinnata* Linnaeus.
- N. rogersi* Eltringham. Sapindaceae: *Paullinia pinnata* Linnaeus.
- N. strigata* Aurivillius. Verbenaceae: *Clerodendron capitatum* Schumacher.
- N. poultoni* Eltringham. Verbenaceae: *Clerodendron* spp. Sapindaceae: *Paullinia* sp., near *pinnata* Linnaeus.
- N. melicerta* Drury. Euphorbiaceae: *Alchornea cordifolia* Schumacher.
- N. nyssiades clareii* Neave. Sapindaceae: *Paullinia pinnata* Linnaeus.
- N. lativittata* Strand. Euphorbiaceae: *Cycina* sp. undet.

- Precis stygia* Aurivillius, and subspecies. Acanthaceae: *Paulowilhelmia sclerochiton* Lindau.
- P. tera* elgiva Drury. Acanthaceae: *Ruellia patulata* Jacquin.
- P. natalica* Felder. Acanthaceae: *Ruellia patulata* Jacquin; *Asystasia coromandeliana* (?).
- P. orithya madagascariensis* Guerin. Labiatae: *Englerastrum scandens* Alston; *Plectranthus* spp.
- P. linnoria* Klug. Acanthaceae: *Asystasia* spp.
- P. tugela* Trimen. Labiatae: *Englerastrum scandens* Alston.
- Vanessa cardui* Linnaeus. Urticaceae: *Urtica massaica* Milbred; *Obetia pennatifida* Baker; *Geriadina condensata* Wedd; *Laportia allipes* Hooker. Compositae: *Gnaphalium declinatum* Lesson (= *unionis*); *Heliochrysum* spp. Boraginaceae: *Cyanoglossum caeruleum* De Candolle; *C. lanceolatum* Forskel. Malvaceae: *Malva verticaliata* Linnaeus.
- Antanartia abyssinica* Felder. Urticaceae: *Urtica massaica* Milbred; *Obetia pennatifida* Baker.
- A. hippomene* Hubner, and subspecies. Urticaceae: *Australina acuminata* Weddenow; *Pouzolzia parasiticus* Schweinfurth.
- A. delius* Drury. Urticaceae: *Australina acuminata* Weddenow; *Pouzolzia parasiticus* Schweinfurth.
- A. schoenia* Trimen. Urticaceae: *Pouzolzia parasiticus* Schweinfurth.
- Aterica galene* Brown, and subspecies. Combretaceae: *Quisqualis littorea* (Engler) Exe. (Sevastopulo).
- Hypolimnas missipus* Linnaeus. Portulacaceae: *Portulaca quadrifida* Linnaeus; *Talium* sp.
- H. anthedon* Doubleday. Urticaceae: *Urtica hypselidendron* Weddenow.
- H. salmacis* Drury. Urticaceae: *Urtica hypselidendron* Weddenow.
- H. monteironis* Druce. Urticaceae: *Urtica hypselidendron* Weddenow; *Urtica* spp.
- H. antevorta* Distant. Urticaceae: *Urtica* spp.
- H. usambarae* Westwood. Urticaceae: *Urtica hypselidendron* Weddenow.
- H. dubius* De Bauvais, and subspecies. Urticaceae: *Urtica hypselidendron* Weddenow.
- Asterope garega* Karsch. Euphorbiaceae: *Sapium mannicum* Benth.
- A. boisduvalli* Wallengren. Euphorbiaceae: *Sapium mannicum* Benth.
- A. occidentatum* Moore. Euphorbiaceae: *Macaranga schweinfurthi* Pax.
- A. morantii* Trimen. Euphorbiaceae: *Macaranga kilimanjarica* Pax; *Excoecaria bussei* Pax.

ACRAEIDAE

- Bematistes quadricolor* Rogenhofer, and subspecies. Passifloraceae: *Adenia cissampeloides* (Planch) Harms; *Vitis* spp.
- B. anganice* Hewitson, and subspecies. Passifloraceae: *Tryphostemma zanzibaricum* Masters; *Adenia cissampeloides* (Planch) Harms.
- B. poggei* Doubleday, and subspecies. Passifloraceae: *Adenia* spp.
- B. tellus* Aurivillius, and subspecies. Passifloraceae: *Adenia* spp.
- Acraea johnstoni* Godman, and subspecies. Urticaceae: *Pouzolzia parasitica* (Forsk) Schweinfurth; cultivated New Zealand hemp (exotic).
- A. lycoa* Godart, and subspecies. Urticaceae: *Pouzolzia parasitica* (Forsk) Schweinfurth.
- A. esebria* Hewitson, and subspecies. Urticaceae: *Pouzolzia parasitica* (Forsk) Schweinfurth.
- A. rabbai mombasa* Smith. Passifloraceae: *Tryphostemma zanzibaricum* Masters.
- A. zetes* Linnaeus, and subspecies. Passifloraceae: *Tryphostemma zanzibaricum* Masters; *Adenia cissampeloides* Harms; *Adenia lobata* (?).

- A. asboloplintha* Karsch, and subspecies. Passifloraceae: *Tryphostemma zanzibaricum* Masters; *Adenia lobata*.
- A. natalica* Boisduval, and subspecies. Passifloraceae: *Adenia cissampeloides* Harms; *Adenia lobata* (?).
- A. insignis* Distant. Passifloraceae: *Vitis* spp.
- A. quirinalis* Smith. Urticaceae: *Ureia hypselidendron* (Hochst) Weddenow.
- A. disjuncta* Smith. Urticaceae: *Ureia hypselidendron* (Hochst) Weddenow.
- A. amacitiae* Heron, and subspecies. Urticaceae: *Ureia hypselidendron* (Hochst) Weddenow.
- A. alcippoides* Le Doux. Urticaceae: *Ureia hypselidendron* (Hochst) Weddenow.
- A. neobule* Doubleday. Passifloraceae: *Tryphostemma zanzibaricum* Masters.
- A. pharsalus* Ward, and subspecies. Moraceae: *Ficus exasperata* Vahl; *F. sycomorus* Linnaeus.
- A. quirina* Fabricius, and subspecies. Violaceae: *Rinorea poggei* Engler; *R. convallariflora* Brandt.
- A. cerasa* Hewitson. Flacourtiaceae: *Rawsonia lucida* Harvey and Sond; *R. usambarensis* K. Schauman. Violaceae: *Rinorea convallarifolia* Brandt.
- A. uwui* Smith, and subspecies. Tiliaceae: *Triumfetta rhomboidea* Jacquin; *T. macrophylla* Schaumann; *Sparrmannia ricinocarpa* O. Kuntz.
- A. bonasia* Fabricius, and subspecies. Tiliaceae: *Triumfetta macrophylla* Schaumann; *T. ruwenzorensis* Sprague.
- A. acerata* Hewitson. Convolvulaceae: *Ipomea batatas* Linnaeus.
- A. rangatana* Eltringham, and subspecies. Lythraceae: *Nesaea pediculata*; *Rotola* sp. undet. Rosaceae: *Alchemilla gracilipes* Engler.
- A. eponina* Cramer, and subspecies. Tiliaceae: *Triumfetta macrophylla* Schaumann; *T. rhomboides* Jacquin.
- A. rahira* Boisduval, and subspecies. Compositae: *Eregeron canadense* Linnaeus.
- A. aequatorialis* Neave, and subspecies. Passifloraceae: *Passiflora* sp. undet. Malvaceae: *Malva verticillata* Linnaeus.
- A. caecilia* Fabricius, and subspecies. Passifloraceae: *Adenia cissampeloides* (Planch) Harms.
- A. acrita* Hewitson, and subspecies. Passifloraceae: *Adenia* spp.
- A. doubledayi* Guerin. Passifloraceae: *Adenia* spp.
- A. sykesi* Sharpe. Passifloraceae: *Adenia* spp.
- A. calderina* Hewitson. Passifloraceae: *Adenia cissampeloides* (Planch) Harms.
- A. excelsior* Sharpe, and subspecies. Tiliaceae: *Triumfetta macrophylla* Schaumann.
- A. anacreon* Trimen. Rosaceae: *Alchemilla gracilipes* Engler.
- A. cabira* Hopffer. Tiliaceae: *Triumfetta* spp.
- A. oncaea* Hopffer. Ampelidaceae: *Vitis* spp. Passifloraceae: *Adenia* spp. Flacourtiaceae: *Oncoba routledgei* Sprague.
- Pardopsis punctatissima* Boisduval. Tiliaceae: Sp. indet. (Luganda name, "subi").

DANAIDAE

- Danaus chrysippus* Linnaeus. Asclepidaceae: *Gomphocarpus fruticosus* Linnaeus (= *phillipsae*); *G. physocarpa* Meyer; *G. semilunata* Richard; *G. kaesneri* Brown; *G. stenophyllus* Oliver (= *leucocarpa*); *Stathmostelma gigantiflorum* Schaumann; *S. pedunculatum* Decnesni (= *macrantha*); *Aspidoglossum interruptum* Bullock (= *Schizoglossum massaicum*); *Kanahia lasiflora* Forsk; *K. glaberrima*; *Cynanchum altoscaden* Schaumann; *C. abyssinicum* Dacnesni; *Pergularia extensa* (?); *Periploca linearifolia* (?); *Secamone platystigma* (= *africana* Oliver); *Caraluma* spp.
- Melinda formosa mercedonia* Karsch. Asclepidaceae: *Periploca linearifolia* (?); *Secamone platystigma* (= *africana* (Oliver) Bullock); *S. micranda* (?); *S.*

- punctulata* Decnesni; *S. zambesiaca* (= *parvifolia* (Oliver) Bullock); *Cryptolepis* spp.
- Tirumala petiverana* Doubleday and Hewitson. Asclepidaceae: *Pergularia extensa* (= *Daemia extensa*).
- Amauris ansorgei* Sharpe, and subspecies. Asclepidaceae: *Tylophora stolzii* (?); *T. anomala* N. E. Brown; *Mardenia racemosa* (= *latifolia* Schaumann); *Cynanchum* spp.
- A. *albimaculata* Baker. Asclepidaceae: *Tylophora anomala* N. E. Brown; *T. stolzii* (?); *Mardenia racemosa* (= *latifolia* Schaumann); *M. angolensis* N. E. Brown; *Cynanchum* spp.
- A. *lobengula septentrionalis* Poulton. Asclepidaceae: *Tylophora stolzii* (?); *Mardenia racemosa* (= *latifolia* Schaumann); *M. angolensis* N. E. Brown; *Gymnema sylvestre* (Retz) Bullock.
- A. *echeria* Stoll, and subspecies. Asclepidaceae: *Tylophora stolzii* (?); *mardenia racemosa* (= *latifolia* Schaumann); *Secamone africana* (Oliver) Bullock; *S. parvifolia* (Oliver) Bullock.
- A. *niavius* Linnaeus, and subspecies. Asclepidaceae: *Gymnema sylvestre* (Retz) Bullock.
- A. *ochlea* Boisduval, and subspecies. Asclepidaceae: *Tylophora stolzii* (?); *Cynanchum abyssinica* Decnesi.

SATYRIDAE

- Melanitis leda* Drury. Gramineae: *Setaria culcata*.
- Gnophodes grogani* Sharpe. Gramineae: broad-blade forest grasses.
- G. chelys* Fabricius. Gramineae: broad-blade forest grasses.
- G. parmeno* Doubleday. Gramineae: forest grasses.
- Bicyclus* (= *Mycalasis*) *safitza* Hewitson, and subspecies. Gramineae: grasses.
- B. iccius* Hewitson. Gramineae: grasses.
- Neocynura* spp. Gramineae: grasses.
- Henotesia* spp. Gramineae: grasses.
- Physenura* spp. Gramineae: grasses.
- Ypthima* spp. Gramineae: grasses.
- Aphysoneura pigmentaria* Karsch, and subspecies. Gramineae: *Arundinaria alpinus* Schuman.

HESPERIIDAE

- Coeliades libeon* Druce. Euphorbiaceae: *Drypetes gerrardi* Hutchison (= *battiscombei* Hutchison).
- C. *forestans* Cramer. Papilionaceae: *Indigofera* spp.; *Sesbania* spp.; *Crotolaria* spp. Asclepidaceae: *Mardenia senegalensis* (?); *M. schimperi* (Dacnesi) Bullock (= *Dregea schimperi*). Combretaceae: *Combretum panniculatum* Ventenat.
- C. *pipistratus* Fabricius. Malpigiaceae: *Acridocarpus zanzibaricum* Jussien; *A. longifolium* (= *alopcurus* Sprague).
- C. *keithloa* Wallengren, and subspecies. Malpigiaceae: *Acridocarpus zanzibaricum* Jussien; *A. glaucescens* Engler. Connaraceae: *Bryocarpus orientalis* (Baill) Baker.
- C. *conjuncta* Mabile. Malpigiaceae: *Acridocarpus zanzibaricum* Jussien.
- C. *kenya* Evans. Malpigiaceae: *Acridocarpus* spp.
- C. *anchises* Gerstecker. Asclepidaceae: *Mardenia angolensis* N. E. Brown.
- C. *chalybe* Westwood. Asclepidaceae: sp. indet.
- C. *hanno* Plotz. Malpigiaceae: *Acridocarpus* sp. indet.
- Artitropa erinmys* Trimen, and subspecies. Agavaceae: *Dracaena reflexa* Baker; *D. fragrans* Gawl.; *D. afromontana* Milbred; *D. nitens* Baker.
- A. *comus* Cramer, and subspecies. Agavaceae: *Dracaena ugandae* (?); *D. manni* (?).

- A. milleri* Riley, and subspecies. Agavaceae: *Dracaena usambarensis* Engler.
Gamia bucholzii Plotz. Palmae: *Raphia mombutorum* (?); *R. farinifera* Hyland;
Borassus aethiopum Martin; *Phoenix reclinata* Jacquin.
G. shelleyi Sharpe. Palmae: *Raphia* spp.; *Borassus* spp.; *Phoenix* spp.
Zophotes cerymica Hewitson. Palmae: *Raphia* spp.; *Coccoloba nucifer*.
Z. dysmephila Trimen. Palmae: *Raphia* spp.; *Borassus* spp.; *Phoenix* spp.
Zenonia zeno Trimen. Gramineae: cultivated maize and sorghums; grasses.
Pelopidas thrax Hubner. Gramineae: grasses.
P. fallax Gaede. Gramineae: grasses.
Lepella lepeletier Latreille. Gramineae: grasses.
Androdromus philander Hopffer. Sapindaceae: *Philodiscus zambesiacus* Radlk.
A. neander Plotz. Caesalpinaceae: *Brachystygia randii* (?); *B. spiciformis* Benth.
Eretis djaelaelae Wallengren, and subspecies. Acanthaceae: *Asystasia schimperi* Anderson.
E. lugens Rogenhofer. Acanthaceae: *Asystasia schimperi* Anderson; *A. coromandeliana* (?); *Justicia leikepiensis* (?).
Eagris notoana Wallengren. Rhamnaceae: *Scutia myrtina* Kurz.
E. subadius Gray, and subspecies. Tiliaceae: *Grewia similis* Schultz; *G. forbesi* Masters.
E. leucetia Hewitson. Anacardiaceae: *Rhus vulgaris* Meikle; *R. villosa* Oliver.
Gomalia elma Trimen. Malvaceae: *Abutilon guinense* (Schumacher) Baker; *A. holstii*.
Gorgyra bibulus Riley, and subspecies. Euphorbiaceae: *Drypetes gerrardi* Hutchison.
Spialia spio Linnaeus. Malvaceae: *Sida schimperiana* Hochsteter; *S. cordifolia* Linnaeus; *S. grewioides* (?); *S. cuneifolia* Roxburgh; *Hibiscus gossypifera* (?).
S. dromus Plotz. Sterculiaceae: *Waltheria americana* (?); *Malthamia* spp.
S. mafa Trimen. Malvaceae: *Sida cuneifolia* Roxburgh; *S. grewioides* (?); *S. rhombifolia* Linnaeus; *Hibiscus macrantha* (?).
S. zebra bifida Higgins. Sterculiaceae: *Melhamia ovata* Spreng; *M. velutina* Forsk.
S. kituina Karsch. Malvaceae: *Sida* spp.
S. confusa Higgins. Sterculiaceae: *Melhamia* spp.
S. diomus Hopffer. Tiliaceae: *Triumfetta macrophylla* Schuman.
Kedestes brunneistriga Plotz. Gramineae: *Setaria* spp.
Acleros mackenii Trimen. Sapindaceae: *Rhus coriarius*. Malpigiaceae: *Acridocarpus longifolius* (?).
Abantis paradisea Butler. Malvaceae: *Hibiscus* spp.
A. meru Evans. Compositae: *Vernonia jugalis* Oliver and Hierman.
Caprona canopus Trimen. Tiliaceae: *Grewia similis* K. Schaumann.
Gegenes hottentota Latreille. Gramineae: grasses.
G. letterstedti Wallengren. Gramineae: grasses.

PART 2. HOSTS AND NOTES ON EARLY STAGES, LYCAENIDAE

The following notes on the Lycaenidae are compiled from observations made jointly by the late T. H. E. Jackson and myself; unfortunately, they are very incomplete.

LIPTENINAE

- Teriomima subpunctata* Kirby, *micra* Smith. Lays eggs on lichens on bark of trees.
Baliochila hildegarda Kirby, *dubiosa* Stempffer and Bennet, *fragilis* Stempffer and Bennet, *minima* Bowker Smith, *stygia* Talbot. Eggs laid among lichens on tree trunks.
Cnodontes vansomerani Stempffer and Bennet. Eggs laid on tree trunks among lichens.

- Telipna sanguinea* Plotz, *consanguinea* Rebel. Eggs laid on tree trunks among lichens.
- Pentila amenida* Hewitson, *tachyroides* Dewitz, *nyasana clarensis* Neave. Seen resting on twigs and tall grass but egg laying not observed.
- Orniphodotos muhata* Dewitz. Noted laying among lichen on twigs; larvae feed on lichens.
- Mimacraea poultoni* Neave, *marshalli dohertyi* Rothschild, and subspecies. Often noted resting on tree trunks, head downward. Eggs laid among lichens, on which larvae feed.
- Hewitsonia kirbyi intermedia* Joicey and Talbot. Lays eggs among small lichens on tree trunks, often close to ground.
- Epitola kamengoensis* Jackson, *cercene* Hewitson, *catuna carpenteri* Baker. Seen laying on twigs and tree trunks among lichens; eggs sometimes laid on dead bare twigs. Ants in attendance.
- Iridana incredibilis* Staudinger, *perdita marina* Talbot. Seen laying on lichen-covered branches. Larvae lie up in cracks in bark within a silken protective web.
- Deloneura (Ebepius) ochrascens littoralis* Talbot. Lays on tree trunks with small lichens; also seen laying eggs on slender bare twigs. Larvae usually in cracks in bark. Ants in attendance.
- Alaena caissa kagera* Talbot, *johanna* Sharpe, *ngonga* Jackson, *subrubra* Baker. Often seen resting on rock faces covered with lichens, but not actually seen laying; frequently noted resting on flowering heads of oat grass in vicinity of rock faces. Pupa found in crevices of rocks.
- Spalgis lemolea* Druce. Lays eggs on branches of small trees which are infested with coccids and scales. Larva feed on young coccids, and have been tried as a natural control of "mealey-bugs."

LYCAENINAE

- Lachnognema bibulus* Fabricius. Lays eggs on branches of small trees on which there are colonies of membracids and jassids. Larvae feed on the secretions of these, and also on immature membracids. Crematogaster ants also present but association not clear. Pupae found in ants' nests.
- Aslauga purpurascens* Holland, *lamborni* Baker. Eggs laid on twigs of a leafy branch where there is a collection of membracids. Larvae appear to prey on young membracids and coccids, lie up under portions of raised bark.
- Virachola (= Deudorix) dinochares* Smith. Eggs laid on fruits of *Syzygium cardatum* Krauss (Myrtaceae). Larvae found within fruits, feeding on kernels; pupate within shell of fruit.
- V. antalus* Hopffer. Eggs laid on seed pods of Leguminosae, such as wild and cultivated peas and beans. The larvae feed on seeds within pods; have also been noted in seed pods of *Acacia stenocarpa* Hoschst. (Mimosaceae) and *Dolichos lablab* Linnaeus (Papilionaceae). Pupation occurs within empty pod or in cracks in bark in the case of *Acacia*.
- V. lorisona* Hewitson, *coffea* Jackson. Eggs laid on fruits of Rubiaceae, including cultivated coffee. Larvae bore into berries and eat seed sections within. Pupation occurs within empty shell.
- V. vansomereni* Stempffer. Eggs laid on, and larvae feed within, kernels of *Agalana obliqua* Scheilenb. (= *heterophylla* Gilman) (Connoraceae).
- V. dariaves* Hewitson. Eggs laid on, and larvae feed within, seed pods of *Brachystygia* spp. (Caesalpinaceae).
- V. suk* Stempffer. Lays eggs in or around galls of *Acacia* spp. (Mimosaceae) occupied by *Phidole* ants.
- V. dohertyi* Baker. Similar in habits to *suk*. Larvae often pupate within galls.

- V. jacksoni* Talbot. Although usually placed in the genus *Virachola*, this species lays eggs on leaves of *Loranthus usuiensis* (Loranthaceae), on which larvae feed.
- Aphnaeus* (*Paraphnaeus*) *hutchisoni* Trimen, and subspecies. Eggs laid on leaves of hostplant, but larvae always found within galls or swellings at point of implantation of parasitic *Loranthus*. These galls are found on *Acacia stenocarpa* Hochst., and *Entada abyssinicus* Stend. (Mimosaceae). Larvae appear to feed on woody substance of swellings and are associated with ants; but tunnels used by larvae, and in which they pupate, free of ants.
- A. orcas* Drury, and subspecies. Eggs laid on leaves of *Alchornea cordifolia* Schaumann and Thonning (Euphorbiaceae). Larva moves to edge of leaf where it feeds, curling edge over and attaching it with silken threads; rests within this tunnel, emerging to feed; tunnel enlarged as feeding progresses, and larva pupates within it.
- A. propinquus* Holland. Similar in habits to previous species, feeding on same food-plant, *Alchornea cordifolia* Schaumann and Thonning (Euphorbiaceae).
- Spindasis nyassae* Butler. Eggs laid on leaves of *Acacia stenocarpa* Hochst. and *Entada abyssinica* Steude (Mimosaceae). Larvae lie up in cracks in bark, emerging to feed on foliage, mainly at night; are ant attended.
- S. banyoana* Baker. Eggs laid on young shoots of *Acacia drepanolobium* Sjostedt (Mimosaceae). Larvae collected by the ant *Phidole* and taken into galls, where they appear to feed on inner lining of gall and on secretions of ants; pupate within gall.
- S. tavetensis* Lathy. Eggs laid on young shoots of *Acacia drepanolobium* Sjostedt (Mimosaceae). Larvae subsequently located on or within galls, attended by *Phidole* ants.
- S. victoriae* Butler. Eggs laid on young shoots of *Acacia* sp. indet. (Mimosaceae). Larvae are subsequently located within massed dead leaves held together with silken threads; pupate within this mass.
- S. homeyeri fracta* Stempffer. Similar in habits to above species.
- S. appeles nairobiensis* Sharpe. Seen laying on leaves of *Rhus villosa* Oliver (= *vulgaris* Meikle) (Anacardiaceae), but larvae and pupae were not located.
- Chloroselas pseudozeritis tyleri* Riley. Eggs laid on young shoots of *Acacia stenocarpa* Hochst. (Mimosaceae). Young larvae detected in massed leaflets and twigs, but later found in cracks in bark, where they subsequently pupate. Crematogaster ants in attendance.
- Axiocerses amanga* Westwood, and subspecies. Eggs laid on leaves of *Ximenea americanum* Linnaeus (Oleaceae). Larvae feed on leaves toward the edge, bringing edge of leaf over to form a tunnel, held down by silken threads; emerge to feed on adjacent leaves at night, returning to tunnel by day. Pupate within these "hides." Attended by ants of the genus *Componotus*.
- A. harpax perion* Cramer. Eggs laid on leaflets of *Acacia drepanolobium* Sjostedt (Mimosaceae). Larvae and pupae found within galls, attended by *Phidole* ants.
- A. (harpax) tjoene* Wallengren. Seen laying on leaflets of *Brachystygia spiciformis* Bentham (Caesalpinaceae), but larvae not located.
- Leptomyrina lara* Linnaeus. Eggs laid on leaves and stems of *Kalanchoe lugardi* Bullock (Crassulaceae). Larvae eat into leaves, feeding on soft body between upper and lower cortex; emerge to pupate on main stem of plant or at base of leaf stalk.
- Myrina silenus* Fabricius. Eggs laid on young shoots of various figs (*Ficus ingens* Miquel, *F. hochstetteri* Reichmann; Moraceae). Larvae move onto more mature leaves, and pupate on stem at base of a leaf. Highly cryptic.
- M. silenus ficedula* Trimen. Eggs laid on various figs, including those listed above. After feeding on mature leaves, larvae pupate on stem, being attached by the flattened "tail end," thus simulating a small fig fruit.

- M. dermaptera dermaptera* Wallengren, *d. nyasae* Talbot. Lays on various species of Moraceae, showing a preference for *Ficus thonningii* Blume. Habits as with other *Myrina*.
- M. sharpei* Baker. Noted laying on *Ficus capensis* Thunberg (Moraceae), but mature larvae not found.
- Hypolycaena phillipus* Fabricius. Eggs laid on shoots of *Ximena americana* Linnaeus (Oleaceae). Larvae found on or in seed capsules, for which they forage. *Clerodendron capense* Thunberg (Verbenaceae) is also utilized. Once seen laying on *Loranthus dredgei* (Loranthaceae).
- H. pachelica* Butler. Noted laying on *Combretum constrictum* Lawson (Combretaceae), but other stages not found.
- Stugeta (Iolau) bowkeri* Trimen, and subspecies. Eggs laid on *Ximena americana* Linnaeus (Oleaceae) and *Loranthus dredgei* (Loranthaceae). Larvae on *Loranthus* feed on leaves, and pupate on stem.
- S. marmorea olalae* Stoneham. Eggs laid on, and larvae feed on, leaves of *Ximena americana* Linnaeus (Oleaceae), but all stages not located.
- S. carpenteri* Stempffer. Noted laying on leaves and flowers of *Loranthus fischeri* Engler (Loranthaceae). Imagoes can be beaten out of *Loranthus* clumps, but larvae and pupae not located.
- S. mimetica* Aurivillius. Eggs laid on *Loranthus* sp. indet.
- Argiolaus (Iolau) crawshayi* Butler, and subspecies. Eggs laid on younger leaves of parasitic *Loranthus usuiensis* Oliver and *L. dredgei* (Loranthaceae). Larvae feed on leaves and flowers, pupating on stem towards base of a leaf and attached by posterior end to a silken pad spun on surface. Pupa very cryptic.
- A. silas silarus* Druce. Similar in habits to previous species and associated with same species of *Loranthus*.
- Philiolaus parasilanus* Rebel, and subspecies. Associated with parasitic *Loranthus* sp. indet. (Loranthaceae).
- Iolaphilus ituriensis* Joicey and Talbot. Lays on *Loranthus* sp. indet. (Loranthaceae).
- Epamera (Iolau) basana yalae* Riley. Noted laying eggs on leaves and flowers of *Loranthus woodfordoides* Schweinfurth and *L. fischeri* (Engler) Balle (Loranthaceae). Larvae feed largely on flowers, but eat leaves also. Pupate on stems of parasite or on nearby host tree.
- E. iasis albomaculatus* Sharpe. Seen laying on *Loranthus* sp. indet.
- E. arborifera* Butler. Lays on *Loranthus freisiorum* and *L. woodfordoides* Schweinfurth (Loranthaceae).
- E. tajorica* Walker. Eggs laid on *Loranthus (Odontella) fischeri* (Engler) Balle (Loranthaceae).
- E. mimosae haemus* Talbot. Eggs laid on *Loranthus fischeri* (Engler) Balle and *L. recurviflora* (Loranthaceae).
- Iolau (Pseudiolau) poultoni* Riley. Seen laying on leaves and flowers of *Loranthus recurviflora*, on which larvae feed.
- Iolau (Aphniolau) pallene* Wallengren. Eggs laid on *Loranthus fischeri* (Engler) Balle and *L. woodfordoides* Schweinfurth (Loranthaceae), as well as *Ximena americana* Linnaeus (Oleaceae).
- Anthene hodsoni hodsoni* Talbot, *h. usamba* Talbot. Eggs laid on young shoots of *Acacia drepanolobium* Sjostedt (Mimosaceae). Young larvae found in galls, probably taken there by attending *Phidole* ants.
- A. amarah* Guerin. Eggs laid on *Acacia sieberiana* De Candolle (= *purpurascens* Vatke), as well as *A. abyssinica* Hochsteter and *A. stenocarpa* Hochsteter (Mimosaceae). Larvae pupate on the stems or leaves; pupa very cryptic. Larvae attended by *Crematogaster* ants.
- A. definita* Butler. Common widespread species noted laying eggs on several food-plants of different families, including *Acacia sayal* Delil, *A. stenocarpa* Hoch-

- steter, *A. abyssinica* Hochsteter, *Albizia* spp. (Mimosaceae); *Bersama engleriana* Gurke, *B. abyssinica* Fresenius (Melanthaceae); *Kalanchoe lugardii* Bullock (Crassulaceae); and *Rhus incana* Millerm (Anacardiaceae).
- A. larydas* Cramer. Eggs laid on, and larvae feed on, leaves of *Albizia gummifera* C. A. Smith, *A. zygia* Macbride, *Acacia farnesiana* Wild., and *Dichrostachys glomerata* Hutchison (Mimosaceae).
- A. princeps* Baker, *ugandae* Butler. Eggs laid on, and larvae feed on, leaves of *Entada abyssinicus* Richard (Mimosaceae). Pupae found on leaves and stems.
- A. livida* Trimen. Eggs laid on succulent leaves and flowers of *Kalanchoe crenata* Hewitson and *K. lateralis* (Crassulaceae). Larvae feed on flowers by preference, but also on young seeds and leaves; pupate on leaves or stems.
- A. lunulata* Baker. Eggs laid on, and larvae feed on, young shoots of *Entada abyssinica* Richard (Mimosaceae). Also noted laying on *Combretum* spp. (Combretaceae).
- A. indefinita* Baker. Eggs laid on young shoots of *Erythrococca rigidifolia* Pax (= *bongensis* Pax). Larvae move to more mature leaves and eventually pupate on a leaf or under cluster of dead flowers.
- A. crawshayi* Butler. Foodplant is *Entada abyssinica* Richard. Eggs laid on tender leaves, on which larvae commence to feed, later moving to more mature leaves. Pupate on leaves or stems on bark. Adults also lay on *Acacia abyssinica* Hochsteter (also Mimosaceae).
- A. nigeriae* Aurivillius. Lays on young leaf shoots of *Acacia stenocarpa* Hochsteter (Mimosaceae). Larvae attended by Crematogaster ants.
- A. pitmani* Stempffer. Eggs laid on young shoots of *Acacia stenocarpa* Hochsteter, as well as on *A. abyssinica* Hochsteter and occasionally on young plants of *A. lahai* Stendel (Mimosaceae). Newly hatched larvae feed on young foliage, then move onto more mature leaves. Crematogaster ants in attendance.
- A. otacilla kikuyu* Baker. Seen laying on young shoots of *Acacia stenocarpa* Hochsteter and *A. lahai* Stendel (Mimosaceae). As young larva grows, moves from young leaves to mature ones. Pupa found on stems or in cracks in bark. Attended by Crematogaster ants.
- Uranothauma falkensteini* Dewitz. Eggs laid on young leaf shoots of *Albizia adianthifolia* Schauman (= *fatgiata* and *sassa* auct.) and *Acacia abyssinica* Hochsteter (Mimosaceae). Larvae feed on young leaves, then move to mature ones, on which they may pupate, although usually on stem.
- U. delatorum* Heron. Lays on young leaves of *Albizia gummifera* Smith, but larvae soon move onto more mature leaves and may pupate either on old leaves or on main stem of branch.
- U. nubifer* Trimen. Prefers laying on *Albizia gummifera* Smith and *A. coriaria* Oliver, but may also lay on *Acacia abyssinica* Hochsteter (Mimosaceae).
- Phylaria cyara* Hewitson, and subspecies. Lays on tender leaf shoots of *Albizia gummifera* Smith (Mimosaceae). Larvae move onto mature leaves and either pupate on them or on main branch of leaf spray.
- P. heritsia* Hewitson. Eggs laid on young leaves of *Bridlea macrantha* Baillon (Euphorbiaceae), preferring the foliage of saplings.
- Castalius calice* Hopffer. Eggs laid on young leaf shoots of *Zizyphus jujubae* Linnaeus (= *mauritanica* Lamarck) (Rhamnaceae).
- C. margaritacea* Sharpe, and subspecies. Seen laying on leaves of *Gouinia longispicata* Engler. Pupates towards base of mature leaves.
- C. cretosa* Butler. Foodplant is *Zizyphus jujubae* Linnaeus (Rhamnaceae). Larvae first eat young leaves, then move to mature ones, eating cuticle only. Pupate on underside of old leaves or on leaf stalks.
- C. hintza* Trimen. Lays on younger leaves of *Zizyphus jujubae* Linnaeus (= *mauri-*

- taniana* Lamarck) (Rhamnaceae). As larvae mature, move onto older leaves, but eat only outer cortex. Pupate on underside of old leaves.
- Turacus mediterraneus* Baker. Eggs laid on younger leaves of *Zizyphus jujubae* Linnaeus (= *mauritaniana* Lamarck) (Rhamnaceae). Larvae move from these to older leaves. Pupate among leaves or on stems.
- T. ungemachi* Stempffer, *grammicus* Smith. Both species have habits similar to previous ones. Also lay eggs on *Zizyphus abyssinica* A. Richard.
- Azanus mirza* Plotz. Noted laying on *Allophylus alnifolius* Radlikofer (Sapindaceae) and *Dichrostachys glomerata* Hutchison (Mimosaceae).
- A. natalensis* Trimen. Eggs laid on young shoots of *Acacia abyssinica* Hochsteter (Mimosaceae). Larvae ant-attended.
- A. jeseus* Guerin. Eggs laid on young shoots of *Acacia stenocarpa* Hochsteter and *A. abyssinica* Hochsteter (Mimosaceae). Larvae move to older foliage and pupate on stem of branch.
- A. isis* Drury. Foodplant is *Dichrostachys glomerata* Hutchison. Eggs laid on young leaf shoots on which young larvae feed, later moving to mature foliage; eventually pupating on stem of branch.
- Syntarucus telicanus* Lang. Wide range of foodplants, mostly Papilionaceae: *Crotolaria agatifolia* Schweinfurth; *Sesbania aegyptiaca* Person; *S. sesban* Linnaeus; *Indigophora tinctoria*; *I. erecta* Hochsteter; also wild and cultivated peas and beans. Also feeds on *Plumbago* spp. (Plumbagataceae). Eggs usually laid on or near flowers and younger shoots. Larvae burrow into seed pods to eat seeds; often pupate within pods.
- Lampides baeticus* Linnaeus. Lays on several species of *Crotolaria* (Papilionaceae); oviposition on or near flowers. Larva burrows into seed pod, where it destroys seeds. Often noted on cultivated peas.
- Caclirius crawshayimus* Aurivillius. Lays eggs on main stem of *Cyanoglossum lanceolatum* and *C. coeruleum*, both wild and cultivated (Boraginaceae). Eggs deposited just above ground level. Larva eats outer cortex of root, then works up stem, where it pupates. Imago can only emerge when stem breaks on withering.
- Cacyreus lingeus* Cramer. Labiates seem the foodplants of preference; among the many are *Coleus lactiflorus* Vatk.; *C. forskelli* Wild.; *Calamintha simensis* Bentham; *C. elgonensis* Bullock (Labiatae). Eggs laid on flowers and young seed pods.
- Euchrysops malathana* Boisduval. Eggs laid in flowering heads of *Vigna monophylla* Taubert, and other species (Papilionaceae). Larvae eat flowers and young developing pods.
- E. osiris* Hopffer, *dolorosa* Trimen. Both are similar in habits to *malathana*, utilizing same foodplants, mainly *Vigna monophylla* Taubert.
- Cupidopsis cissus* Godart. Foodplant of preference seems to be *Eriosema cordifolia* Hochsteter (Papilionaceae). Eggs laid on flowering heads, and larvae burrow into pods, eating the seeds.
- Eicochrysops mahalakoena* Wallengren. Noted laying eggs on flowers of *Acacia saval* Delil (Mimosaceae).
- Chiliades kedonga* Smith. Noted laying eggs on young shoots and flowers of *Acacia* spp. (Mimosaceae).
- Zizula hylas* Fabricius, *gaika* Trimen. Both species lay eggs on flowers of *Oxalis corniculata* Linnaeus (Oxalidaceae). Larvae enter seed heads.
- Actizera lucida* Baker, *stellata* Trimen. These seen laying eggs on flower heads of *Oxalis corniculata* Linnaeus (Oxalidaceae) and *Vigna* spp. (Papilionaceae).
- Lepidochrysops* spp. Noted that many species of this genus lay eggs on small Labiatae in vicinity of "harvester" ants and allied species. Young larvae collected by ants and taken to nest where tended, feeding on fungi (?). Imagoes emerge from ants' nests after onset of the rains.

Lycaena abbotti Holland, *phlaeus aethiopica* Poulton, *pseudophaeus* Lucas. These three species lay eggs on species of *Rumex*, in particular *nipalensis* (= *bequartii* Wild.) and *abyssinicus* (Polygonaceae). Eggs laid on flowering heads and seeds, on which young larvae feed, before moving to leaves.

Alocides conradsi Aurivillius, *ochrascens* Joicey and Talbot. Females seen laying eggs in trails of ants. When larvae hatch, collected and taken by ants to nest. What they feed on not known.

Capys catharus Riley. Lays eggs on flowers of *Protea*. Larvae penetrate to base of flower head, and feed and pupate in this area.

BUTTERFLIES TAKEN IN LIGHT TRAPS

During 1973 three light traps were operated at Edgard, St. John the Baptist Parish, Louisiana. During this period 607 butterflies, representing 28 species, were taken in the traps. The distribution of individuals by species in order of abundance was as follows:

<i>Asterocampa celtis celtis</i>		<i>Panoquina ocola</i> (Edwards)	6
(Boisduval & Le Conte)	191	<i>Eurema lisa</i> Boisduval & Le Conte	5
<i>Libytheana bachmanii bachmanii</i>		<i>Precis coenia</i> (Hübner)	5
(Kirtland)	167	<i>Euptoieta claudia</i> (Cramer)	4
<i>Asterocampa clyton clyton</i>		<i>Limenitis arthemis astyanax</i>	
(Boisduval & Le Conte)	98	(Fabricius)	4
<i>Euptychia hermes sosybia</i>		<i>Panhiades m-album</i>	
(Fabricius)	17	(Boisduval & Le Conte)	3
<i>Satyrium calanus falacer</i>		<i>Epargyreus clarus clarus</i> (Cramer)	3
(Godart)	15	<i>Pyrgus communis communis</i>	
<i>Calycopis cercrops</i> (Fabricius)*	13	(Grote)	3
<i>Polites vibex vibex</i> (Geyer)	12	<i>Colias eurytheme eurytheme</i>	
<i>Polygonia interrogationis</i>		Boisduval	2
(Fabricius)	12	<i>Phyciodes tharos tharos</i> (Drury)	2
<i>Phyciodes phaon</i> (Edwards)	10	<i>Vanessa atalanta rubria</i>	
<i>Strymon melinus melinus</i> Hübner	8	(Fruhstorfer)	2
<i>Limenitis archippus watsoni</i>		<i>Phoebis sennae eubule</i> (Linnaeus)	1
(dos Passos)	7	<i>Cynthia virginiana</i> (Drury)	1
<i>Hylephila phyleus</i> (Drury)	7	<i>Polites themistocles</i> (Latreille)	1
<i>Lerema accius</i> (Smith)	7	<i>Atalopedes campestris</i> (Boisduval)	1

* Subsequent to the compilation of these data, Mr. Harry K. Clench called to the attention of Bryant Mather the possibility that some material from this region, previously determined as *C. cercrops* (Fabricius) might be properly assignable to *C. isobeon* (Butler & Druce).

Data on occurrence and distribution of butterflies in Louisiana have been compiled by Lambremont (1954, *Tulane Stud. Zool.* 1: 125-164), Ross & Lambremont (1963, *J. Lepid. Soc.* 17: 148-158), Lambremont & Ross (1965, *J. Lepid. Soc.* 19: 47-52), Mather (1966, *J. Lepid. Soc.* 20: 102), and Strickland (in prep.). From a review of these data it appears that all of these species, except *P. coenia*, have not heretofore been recorded from St. John the Baptist Parish. Two were not known to occur in Louisiana at the time of Lambremont's 1954 work or Ross & Lambremont's of 1963, but were added to the Louisiana list in 1965 by Lambremont & Ross. These are *S. calanus falacer* (Godart) (reported as *C. c. calanus* (Hübner)) and *Panhiades m-album* (B & L) from East Baton Rouge and West Feliciana Parishes only, respectively.

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