

A TAXONOMIC LIST OF PHILATELIC LEPIDOPTERA

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Many lepidopterists are also philatelists. This includes professional entomologists, some of whom are those actually responsible as instigators or consultants for the many butterfly and moth postage stamps that have of late years appeared around the world.

The first philatelic lepidopteran was issued in 1890 as an ornament in the hair of Hawaiian Queen Liliuokalani. Although one may speculate that it is the beautiful *Vanessa tameamea* Esch., it was not until 1930 when Lebanon honored the silk industry that a definitely determinable species was depicted. Stylized figures had appeared in the interval. In these instances the insects were, of course, incidental. Sarawak in 1950 was the first with nomenclature, *Troides brookiana* Wallace, which was figured unicolorous gray. It remained for the Swiss Pro Juventute issue of 1950 to honor the insect exclusively and in full color. This was largely the work of Dr. Loeliger, a member of our Society until his death and an important force in the Pro Juventute youth movement. The issue was accompanied by a brochure about the insects and was a most noteworthy effort towards stimulation of interest in Lepidoptera in that country.

From this beginning, at first slowly, but with accelerated frequency, over 65 countries have "honored" species of Lepidoptera by 310 butterfly and 115 moth stamps, a total of 425 major varieties by the end of 1966. These embrace 248 species divided 181 and 67 respectively between butterflies and moths. *Papilio machaon* L. with 12 instances leads the list. In most cases the insect is well depicted and the species pertinent to the issuing country. A few are monstrous viz. Lebanon and Togo with *Morphos* and other distant species, San Marino also with inappropriate selections and Albania and Somalia with flying butterflies both upside down and half "inside out." This presents the showier surfaces. Some fine endemics have been chosen (Madagascar, Jamaica *et al.*). All families of butterflies are now represented together with 21 moth families.

Japan 1966 (879) is the only stamp with more than one species. It is a large stamp artistically presenting a girl amidst a veritable swarm of flying butterflies. Ten species can be recognized with reasonable confidence and are included in the list although this stamp does not truly serve as a satisfactory portrayal of the subject species.

It is apparent that the *raison d'être* in many cases is the fiscal benefit to the country of issue. Nevertheless, the popularization of the subject

has worthy aspects. Flagrant abuses are discussed in the philatelic press and need not be pursued here.

Only those species determinable, at least speculatively, are considered in the body of the taxonomic list which follows. Only stamps recognized by the International Postal Union are included.

As to be expected, nomenclature presents a troublesome problem, the same species often appearing under different names. Frequently a racial name has been elevated to specific status.

The issuance of the Cuban 1961 stamp portraying "*Othreis toddi* Zayas (in litt.*)" has a particular interest. Inasmuch as the species had not theretofore been described it would appear to represent a most novel medium for publication and be vested with priority standing. Correspondence (January 1964) with Dr. E. L. Todd who is honored in the naming of the striking new species advised that to the best of his knowledge publication had not yet appeared in orthodox channels. He goes on to state, however, that the illustration on the stamp does not constitute one of the requirements for "availability" and quotes the new Code of Zoological Nomenclature requiring that after 1930, in addition to other requirements, there must be a statement of characters differentiating the taxon, or at least reference to such (Article 13a). So the first sortee of philate-lepidopterology into the intricacies of zoological nomenclature is adjudged invalid on a technicality.

There is, of course, difficulty in arranging a list embracing all world faunal zones. Remington (1954) is followed to the family level, modified by Ehrlich (1958) for butterflies to subfamily. For genera and species the sequence follows Munroe (1960) for the Papilionidae, Rothschild & Jordan (1903) for Sphingidae, Peters (1952) for African Rhopalocera, Forster & Wohlfahrt (1955, 1960) for most European Lepidoptera, and various sources including the many volumes of G. F. Hampson's *Catalogue of the Lepidoptera Phalaenae in the British Museum* and of *Macrolepidoptera of the World* (edited by A. Seitz) for other groups and regions. Nomenclature roughly follows these same sources but is modified by work of more recent authors in limited categories and faunas. The checklist is presumed complete through 1966.

Latin names in square brackets appear if nomenclature on the stamp differs from that in the list. In such instances the inscriptions are not necessarily deemed erroneous though such is usually the case. In any event, somewhat arbitrary procedure cannot be avoided to conform to the authorities chosen and to combine examples of the same species under one name. Scott's Standard Postage Stamp Catalogue (1966) numbers and monthly Journal for later assignments are indicated by parentheses. Scott's numbers prefixed by "B" are semi-postal issues;

"C", airmail; "RA", postal tax stamps; "J", postage due. There are no Scott's numbers for North Korea, Red China, Cuba or Mongolia for recent years; numbers are published in foreign catalogues. The United States Treasury Department through its Foreign Assets Control Section, and Pres. Kennedy, by proclamation of Feb. 7, 1962 have forbidden importation of stamps of these countries after that date. Numbers lacking in other instances were not available at the time of preparation of the list.

Grateful acknowledgment is made to Prof. Charles L. Remington of the Department of Biology, Yale University, for his many helpful suggestions, particularly concerning pertinent literature. Thanks are offered also for his counsel in the matter of troublesome determinations. More than once I observed him turning stamps over in his eagerness to detect significant ventral characters.

MOTHS

COSSIDAE		
	<i>Cossus Pulchra</i> Rothschild	Spanish Sahara [<i>C. pulcher</i>] 1964 (143)
PSYCHIDAE		
	<i>Manatha microcera</i> Bourgogne	Mali 1964 (J14)
GELECHIIDAE		
	<i>Pectinophora gossypiella</i> Saunders	Central African Rep. 1965 [<i>Platyedra</i>] (55)
ZYGAENIDAE		
	<i>Zygaena carniolica</i> Scop.	Switzerland 1956 (B258) Hungary 1966 (1730)
	<i>Arniocera ericata</i> Btlr.	Mozambique 1953 (376)
	<i>Erasmia pulchella</i> Hope	China 1958 [<i>E. p. chinensis</i>] 1958 (1186)
	<i>Amesia sanguiflua</i> Drury	Lebanon 1965 [<i>Erasmia</i>] (C434)
CASTNIDAE		
	<i>Castnia eudesmia</i> Gray	Chile 1948 (C124) (254) (255)
PYRALIDAE		
	<i>Sylepta reginalis</i> Cramer	Cuba 1965
GEOMETRIDAE		
	<i>Dysphania militaris</i> L.	Laos 1965 (103)
	?	Dubai 1963 (21) (C12)
	<i>Abraxas grossulariata</i> L.	Switzerland 1957 (B269)
URANIIDAE		
	<i>Chrysidia madagascariensis</i> Less.	Malagasy Rep. [<i>C. madagascariensis</i>] 1960 (C64)
	<i>Urania boisduvalii</i> Guer.	Cuba [<i>Uranidia</i>] 1961
DREPANIDAE		
	<i>Epicamoptera strandi</i> Bryk	Central African Rep. 1965 (53)
BOMBYCIDAE		
	<i>Bombyx mori</i> L.	Lebanon 1930 (108-13) Japan 1947 (383) Trieste Zone B 1950 (30) Zone A 1953 (187)-Overprint Italy (640) Italy 1953 (640) Afghanistan 1963 (640) (641) (C38) (C40)

- Romania 1963 (1582-4)
 Lebanon 1965 (439-445)
 Libya 1964 (249-51)
 Afghanistan 1966 (731)
- BRAHMAEIDAE
Dactyloceras widenmanni Karsch Central African Rep. 1960 (8)
- SATURNIIDAE
 Saturniinae
Epiphora bauhinae Guer. Senegal 1963 (224)
Argema mittrei Guer. Malagasy Rep. 1960 (65)
mimosae Bdv. Mozambique (*Aigenia*) 1953 (371)
Bunaea alcinoe Stoll Togo 1964 (466)
 Rwanda 1966 (118A)
Attacus atlas L. China 1958 (1185)
 Ryukyu Islands 1959 (57)
 Laos 1965 (C46)
Nudaurelia hersilia Westw. Mozambique 1953 [*N. h. dido* M&W]
 (370)
Athletes ethica Westw. Mozambique 1953 (373)
gigas Sonth. Rwanda [South] 1965 (119)
Pseudaphelia apollinaris Bdv. Mozambique [*P. pollinaris*] 1953 (377)
Saturnia pyri Schiff. Switzerland 1951 (B211)
 France 1956 (790)
 Romania 1960 (C89)
 Yugoslavia 1964 (728)
Gynanisa maja Klug Mali 1964 (J9)
Gonimbrasia hecate Rougeot Mali 1964 (J17)
Lobobunea phaedusa Drury Rwanda 1966 (116A)
christyi Sharpe Mali 1964 (J18)
- LASIOCAMPIDAE
Lasiocampa quercus L. Switzerland 1952 (B221)
- SPHINGIDAE
Acherontia atropos L. Hungary 1959 (C207)
 Romania 1960 (C93)
 Poland 1961 (1036)
 Albania 1963 (694)
Polyptychus roseus Druce Mali 1964 (J7)
Cephonodes hylas L. Central African Rep. [*Cenophodes*] 1965
 (54)
Daphnis nerii L. Yugoslavia 1964 (726)
 Mali 1964 (J8)
 Israel 1966 (306)
Celerio lineata Fabr. Spanish Sahara 1964 (142) (144)
- NOCTUIDAE
 Catocalinae
Mormonia dilecta Hbn. Bulgaria [*Catocala*] 1962 (1242)
Catocala fraxini L. Switzerland 1950 (B198)
 Czechoslovakia 1961 (1088)
nupta L. Switzerland 1957 (B271)
Egobolis vaillantina Stoll Mozambique 1953 (378)
Metopta rectifasciata Men. South Korea 1954 (202A)
 [Othreis toddi Zayas] Cuba 1961
- AGARISTIDAE
Xanthopiloptyryx mozambica Mab. Mozambique 1953 (380)
Aegocera frevida Wlk. Mozambique 1953 (383)

ARCTIIDAE

Lithosiinae

Chionaema saalmeulleri Btlr.Malagasy Rep. [*C. pauliani*] 1960 (309)

Arctiinae

Carathis gortynoides Grt.

Cuba 1965

Holomelina heros Grt.Cuba [*Eubaphe*] 1965*disparilis* Grt.Cuba [*Eubaphe*] 1965*Rhyarioides metelkana* Led.

Romania 1964 (1618)

Pericallia matronula L.

Lebanon 1965 (C426B)

Arctia caja L.

Switzerland 1954 (B238)

flavia Fuessl.

Yemen 1966

villica L.

Switzerland 1955 (B250)

Ammobiota festiva Hufn.

Czechoslovakia 1966 (1396)

Hungary [*Arctia hebe*] 1959 (1269)*Panaxia dominula* L.Bulgaria [*Arctia hebe*] 1962 (1243)Hungary [*Callimorpha*] 1966 (1726)*quadripunctaria* Poda

Czechoslovakia 1966 (1395)

Amphicallia thewalli Drc.Albania [*Callimorpha hera*] 1963 (692)*pactolicus* Btlr.

Mozambique 1953 (365)

Rwanda 1965 (116)

NYCTEMERIDAE

Nyctemera leuconoe Hpffr.

Mozambique 1953 (381)

PERICOPIDAE

Phaloe cubana H-S.

Cuba 1961

CTENUCHIDAE (SYNTOMIDAE)

Syntomis alicia Btlr.

Ifni 1966 (137) (139) same design

Syntomidopsis variegata Wlk.

Cuba 1965

Ctenuchidia virgo H-S.

Cuba 1965

Metarctia lateritia H-S.

Mozambique 1953 (379)

LYMANTRIIDAE

Lymantria monacha L.

Switzerland 1953 (B228)

dispar L.

Romania 1964 (1619)

BUTTERFLIES

HESPERIIDAE

Capla translucida Leech

Red China 1963

PAPILIONIDAE

Parnassiinae

Parnassius phoebus L.

East Germany 1964 (684)

jacquemontii Bdv.

Red China 1963

nomion Hbn.

North Korea 1963

apollo L.

Finland 1954 (B127)

Switzerland 1955 (B251)

Poland 1961 (1038)

Czechoslovakia 1961 (1084)

Bulgaria 1962 (1238)

Germany 1962 (B380)

Czechoslovakia 1963 (1165), 1966 (1394)

Mongolia 1963

Jugoslavia 1964 (727)

Poland 1961 (1035)

mnemosyne L.Bulgaria [*Thais*] 1962 (1239)*Allancastris cerisyi* Gdt.

North Korea 1962

Serecinus telamon Dvn.

South Korea 1966 (501)

Zerynthia hypermnestra Scop.Czechoslovakia [*Z. hypsipyle* Sch.] 1961 (1083)

<i>Luehdorfia puziloi</i> Ersch.	North Korea 1962
<i>Bhutanitis thaidina</i> Blanch.	Red China 1963
Papilioninae	
<i>Lamproptera meges</i> Zink.	Red China 1963
<i>Teinopalpus aureus</i> Mell	Red China 1963
<i>Eurytides pausianus</i> Hew.	Ecuador [<i>Graphium</i>] 1961 (680), 1964 (711)
<i>molops</i> R&J	Ecuador [<i>Graphium</i>] 1961 (682), 1964 (712)
<i>protesilaus</i> L.	Venezuela [<i>P. p. leucones</i> R&J] 1966 (889)
<i>Iphiclides podalirius</i> L.	Switzerland 1951 (B209)
	Poland [<i>Papilio</i>] 1961 (1037)
	Germany 1962 (B383)
	Albania [<i>Papilio</i>] 1963 (691)
	Hungary 1966 (1729)
	Czechoslovakia 1966 (1391)
<i>Graphium weiskei</i> Ribbe	Indonesia 1963 (B158)
	Papua & New Guinea 1966 (212)
<i>doson</i> Felder	Red China 1963
<i>antheus</i> Cramer	Mozambique [<i>Papilio a. evombaroides</i> Eim.] 1953 (372)
<i>policenes</i> Cramer	Guinea 1963 (294) (299) (C48)
<i>mandarinus</i> Oberthur	Red China 1963
<i>Papilio memnon</i> L.	China 1958 (1188)
	Togo 1965 (486) (489)
	Japan 1966 (879)
	China 1958 (1184)
<i>elwesi</i> Leech	Papua & New Guinea 1966 (216)
<i>euchenor</i> Guer.	Guinea 1963 (297) (302) (C49)
<i>menestheus</i> Drury	Somalia 1961 (C77)
<i>lormieri</i> Distant	Central African Rep. 1963 (31)
<i>ophidicephalus</i> Obert.	Malawi [<i>P. o. mkuwadzi</i>] 1966 (37)
<i>demodocus</i> Esper	Mozambique 1963 (364)
	Guinea 1963 (292, 293) (298) (303)
<i>alexanor</i> Esper	Israel [<i>P. a. maccabeus</i>] 1966 (305)
<i>machaon</i> L.	Switzerland 1954 (B241)
	Czechoslovakia 1955 (714)
	Hungary 1959 (1268)
	Romania 1960 (C92)
	Czechoslovakia 1961 (1085)
	Mongolia 1963
	East Germany 1964 (685)
	Jugoslavia 1964 (729)
	Lebanon 1965 (C431)
	Albania 1966 (927)
	Yemen 1966
	Japan 1966 (879)
<i>bianor</i> Cramer	Japan 1966 (879)
<i>hoppo</i> Mats.	Red China 1963
<i>blumei</i> Bdv.	Indonesia 1963 (B156)
? <i>lorquinianus</i> Fldr.	San Marino 1963 (568)
<i>ulysses</i> L.	Papua & New Guinea [<i>P. u. autolytus</i>] 1966 (209)
<i>zalmoxis</i> Hew.	Central African Rep. 1963 (32)
<i>antimachus</i> Drury	Spanish Guinea 1953 (332) (B28)

- dardanus* Brown
Central African Rep. [*Drurya*] 1960 (11)
Somalia 1961 (C78)
Mozambique [*P. d. tibullus* Kirb.] 1953
(369), (369) as stamp on stamp
(384) (385)
Central African Rep. 1963 (30)
Rwanda 1966 (117A)
Yemen 1966
- phorcas* Cramer
Mozambique [*P. p. ansorgei* Rtsch.] 1953
(375)
Somalia [*P. ansorgei*] 1961 (C80)
Rwanda 1966 (114A)
- hesperus* Westw.
jacksoni Sharpe
Rwanda [*P. j. ruandana* Le Cerf] 1965
(117)
Rwanda 1965 (114)
Malawi 1966 (38)
Guinea 1963 (295) (300) (304)
Senegal 1963 (222)
- bromius* Dbl.
magdæ Gifford
nireus L.
Dominican Rep. [*P. a. epidaurus*] 1966
(C148) same overprinted 1966
- androgeus* Cramer
caiguanabus Poey
torquatus Cramer
zagreus Dbl.
homerus Fabr.
Cuba 1958 (C185)
Ecuador [*P. t. leptalea*] 1961 (681)
Venezuela 1966 (891)
Jamaica 1964 (223), same overprinted
1966, (249)
- Parides gundlachianus* Fldr.
alcinous Klug
Cuba [*Papilio*] 1961
Japan 1966 (879)
- Troides aeacus* Fldr.
amphrysus Cramer
brookiana Wallace
Red China 1963
Indonesia 1963 (B159)
Sarawak 1950 (180)
- Ornithoptera paradisea* Stgr.
Dutch New Guinea [*Papilio*] 1960 (B23)
Papua & New Guinea 1966 (223)
- priamus* L.
Papua & New Guinea [*O. p. poseidon*]
1966 (215)
- victoriae* Gray
Br. Solomon Islands Prot. 1965 (140)
same overprinted 1966, (161)
- Battus lycidas* Cramer
crassus Cramer
Ecuador 1961 (683), 1964 (713)
Lebanon [*Papilio c.*] 1965 (C435)

PIERIDÆ

Dismorphiinae

Dismorphia cubana H-S

Cuba 1965

Pierinae

Aporia crataegi L.

Romania 1956 (1103)

Delias aruna Bdv.

Papua & New Guinea 1966 (218)

Pieris brassicae L.

Switzerland 1956 (B261)

Turkey 1958 (RA227)

Czechoslovakia 1952 (512) (513)

Ascia monuste L.Dominican Rep. [*A. m. eubotea*] 1966

(622) same overprinted 1966

Anthocaris cardamines L.

Switzerland 1951 (B210)

Czechoslovakia [*Anthocharis*] 1961 (1082)Albania [*Euchloe*] 1963 (695)Lebanon [*Aurore*] 1965 (C432)

Hungary 1966 (1727)

Japan 1966 (879)

- eupheno* L.
Zegris eupheme Esp.
Colotis aurigineus Btlr.
zoe Grand.
danae Fabr.
- antevippe* Bdv.
euippe L.
- eris* Klug
Ixias pyrene L.
 Coliadinae
Eurema lisa Bdv. & Lec.
proterpia Fabr.
- Catopsilia florella* Fabr.
Phoebis avellaneda H-S
sennae L.
- Gonepteryx rhamni* L.
- mahaguru* Gistel
Colias palaeno L.
- berylla* Fawcett
croceus Fourcroy
- hyale* L.
myrmidone Esp.
- electo* L.
- Anteos chlorinde* Godt.
Nathalis iole Bdv.
- NYMPHALIDAE
 Danainae
Danaus chrysippus L.
- formosa* Godm.
Euploea leucostictos Gmelin
callithoe Bdv.
- Ifni [*Anthocharis*] 1963 (111) (113)
 Israel [*Z. e. varda* Hemm.] 1965 (307)
 Rwanda 1965 (115)
 Malagasy Rep. 1960 (306)
 Senegal 1963 (223)
 Mauritania 1966 (213)
 Mali 1964 (J12)
 Mozambique [*Teracolus omphale* Godt.]
 1953 (368)
 Central African Rep. [*C. evippe*] 1963
 (29)
 Mali 1964 (J11)
 Red China 1963
- Cuba [*Teria ebriola*] 1958 (C187)
 Cuba [*Teria gundlachia* Poey] 1958
 (C186)
 Dominican Rep. [*E. gundlachia* Poey] 1966
 (C146)
 Mali 1964 (J20)
 Cuba 1961
 Dominican Rep. [*P. s. sennae*] 1966 (624)
 overprinted 1966
 Turkey 1958 (RA225)
 Czechoslovakia 1961 (1090)
 Albania 1963 (693)
 Mongolia 1963
 Great Britain 1963 (394)
 Japan 1966 (879)
 Switzerland 1950 (B200)
 Czechoslovakia 1966 (1392)
 Red China 1963
 Switzerland 1957 (B268)
 East Germany 1964 (686)
 Hungary 1966 (1734)
 Albania 1966 (924)
 Bulgaria [*C. balcanica*] 1962 (1244)
 Albania 1966 (925)
 Rwanda [*C. e. pseudohecate* Berger] 1965
 (118)
 Dominican Rep. [*A. c. c.*] 1966 (625)
 overprinted 1966
 Cuba [*N. felicia*] 1958 (C188)
- Mozambique [*Danaüs*] 1953 (374)
 Spanish Guinea 1958 3 vals., dif. designs
 (B50) (B51) (B52)
 Senegal 1963 (226)
 Mauritania 1966 (215)
 Ifni 1966 2 Vals., same design (138) (140)
 Somalia [*Danaida morgani*] 1961 (C79)
 Red China 1963
 Papua & New Guinea [*E. c. duerrsteini*]
 1966 (215A)

- Amauris ellioti* Btlr. Rwanda [*Amaurina ellioti*] 1966 (117B)
niavius L. Guinea [Famille Papilionides] 1963 (291)
 (296) (301) (C47)
fenestrata Aur. Somalia 1961 (C75)
lobengula Sharpe Malawi [*A. crawshayi*] 1966 (40)
Lycorea ceres Cramer Cuba 1965
Clothilda numida Hbn. Cuba [*Anetia numidia briarea* (Latr.)]
 1965
pantherata Mart. Dominican Rep. [C. p. p.] 1966 (C147)
 same 1966, overprinted
cubana Salv. Cuba [*Anetia*] 1965
- Ithomiinae
- Hymenitis cubana* H-S. Cuba 1965
- Satyrinae
- Hipparchia semele* L. Lebanon [*Satyrus*] 1965 (C430)
Ragadia crisilda Hew. Red China 1963
Melanargia galathea L. Switzerland 1952 (B219)
Brintesia circe Fabr. Romania [*Kanetisa*] 1964 (1620)
- Morphinae
- Caligo atreus* Koll. Venezuela 1966 (C917)
Morpho peleides Koll. Br. Honduras 1953 (151), 1961, over-
 printed (165)
 Venezuela 1966 (840)
 Togo 1965 (511)
 Lebanon 1965 (C433)
 Dutch New Guinea 1960 (B26)
 Red China 1963
- aega* Hbn. Venezuela 1966 (C917)
cypris Westw. Br. Honduras 1953 (151), 1961, over-
 printed (165)
 Venezuela 1966 (840)
 Togo 1965 (511)
 Lebanon 1965 (C433)
 Dutch New Guinea 1960 (B26)
 Red China 1963
- Taenaris catops* Westw.
Stichophthalma neumogeni Leech
- Charaxinae
- Charaxes varanes* Cramer Senegal 1963 (221)
antamboulou Lucas Malagasy Rep. 1960 (C63)
azota Hew. Mozambique 1953 (382)
cynthia Btlr. Somalia 1961 (C81)
jasius L. Israel 1966 (304)
epijasius Reiche Mali 1964 (J13)
ansorgei Roths. Rwanda [*C. a. ruandana*] 1966 (119A)
ameliae Doumet Central African Rep. 1960 (9)
 Lebanon 1965 (436)
nobilis Druce Central African Rep. [*Charaxe mobilis*]
 1961 (5) (6)
zingha Stoll Central Africa Rep. 1960 (10)
dehaani Dbl. Indonesia 1963 (B157)
Anaea rufescens Btlr. Venezuela [*Hypna*] 1966 (C916)
clytemnestra Cramer Cuba [*A. c. iphigenia* Luc.] 1965
Siderone nemesis Ill. Cuba 1965
 Dominican Rep. 1966 (626), overprinted
 1966
marthesia Cramer Venezuela [*S. m. thebais* Fldr.] 1966
 (C915)
 Cuba [*P. a. crassina* Fruhst.] 1965
- Prepona antimache* Hbn. Cuba [*P. a. crassina* Fruhst.] 1965
- Nymphalinae
- Heliconius cyrbia* Godt. Lebanon 1965 (C427)
charitonius L. Dominican Rep. [*H. c. churchi*] 1966
 (623) same overprinted 1966
Euxanthe wakefieldi Ward Mozambique 1953 (366)
Harma coccinata Hew. Central African Rep. [*Symothoe sangaris*]
 1961 (4) (7)

- Cameroons [*Cymothoe sangaris*] 1962
(C42)
- Neptis lucilla* F. Albania 1966 (929)
- Hamanumida chalsis* Fldr. Somalia [*Euryphura*] 1961 (C76)
- Cyrestis camillus* F. Malawi [*C. c. sublineatus*] 1966 (53)
- Marpesia acilia* Godt. Papua & New Guinea [*M. a. tervisia*] 1966
(211)
- Salamis duprei* Vinson Malagasy Rep. 1960 (308)
- Precis hierta* Fldr. Senegal [*Junonia*] 1963 (225)
- Hypolimnas dexithea* Hew. Laos [*P. cebrene*] 1965 (102)
- missippus* L. Malagasy Rep. 1960 (310)
- Mali 1964 (J19)
- Mauritania 1966 (214)
- Japan 1966 (879)
- Papua & New Guinea 1966 (222)
- Doleschallia dascylus* God. & Salv. Ryukyu Islands 1959 (61), 1960-1 (79)
- Kallima inachis* Bdv. San Marino 1963 (565)
- ?*Nessaea obrinus* L. Red China 1963
- Parthenos sylvia* Cramer Papua & New Guinea [*P. s. pherekides*]
1966 (217)
- Apatura iris* L. Hungary [*A. ilia*] 1959 (1271)
- ilia* Schiff. Romania 1960 (C94)
- Switzerland 1956 (B259)
- Czechoslovakia 1966 (1393)
- Apaturina erminea* Cramer Papua & New Guinea [*A. e. papuana*
Ribbe] 1966 (220)
- Sasakia charonda* Hew. Japan 1956 (622), 1966 (886)
- Limenitis populi* L. Romania 1960 (C90)
- Mongolia 1963
- Vanessa cardui* L. Albania [*Pyrameis*] 1966 (922)
- atalanta* L. Switzerland 1950 (B197)
- Hungary 1959 (C208)
- Czechoslovakia 1961 (1089)
- Hungary (C208) as stamp on stamp 1962
(B228)
- Romania 1962 (1511)
- East Germany 1964 (683)
- Lebanon 1965 (C428)
- Yemen 1966
- Aglais urticae* L. Hungary 1961 (1394) 2 vars., silver, gold
- Mongolia 1963
- Germany 1962 (382)
- Kaniska canace* L. Japan 1966 (879)
- Inachis io* L. Switzerland 1955 (B248)
- Turkey 1958 (RA228)
- East Germany 1959 (436)
- Czechoslovakia [*Nymphalis*] 1961 (1086)
- North Korea 1962
- Albania [*Vanessa*] 1963
- San Marino 1963 (564) (567)
- Mongolia 1963
- Jugoslavia [*Vanessa*] 1964 (724)
- Japan 1966 (879)
- San Marino 1963 (566)
- East Germany 1964 (687)
- Switzerland 1953 (B229)
- Nymphalis polychloros* L.
- antiopa* L.

- Czechoslovakia 1961 (1087)
 Bulgaria [*Vanessa*] 1962 (1241)
 Germany 1962 (B381)
 Yugoslavia [*Vanessa*] 1964 (725)
 Hungary 1966 (1732)
 Papua & New Guinea 1966 (213)
 Dutch New Guinea 1960 (B25)
 Laos 1965 (101)
 Bulgaria [*Argynnis pandora*] 1962 (1245)
 Cuba 1965
- Terinos alurgis* Godm.
Cethosia cydippe L.
biblis Drury
Pandoriana maja Cramer
Chlosyne perezii H-S
- Acraeinae
Acraea hova Bdv. Malagasy Rep. 1960 (307)
- LIBYTHEIDAE
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FIRST RECORDS OF TWO BUTTERFLIES IN WISCONSIN (NYMPHALIDAE, PIERIDAE)

I collected in northern Wisconsin in quick hit and run fashion on June 2nd, 3rd, and 4th of 1967. My collecting objective was to document the widespread occurrence of *Erebia discoidalis* (Kirby) in northern Wisconsin, but incidental to my objectives, I uncovered two butterflies previously unreported from the state.

BOLORIA FREIJA (Thunberg)

A single male of this species was taken in an open bog containing sphagnum, labrador tea, cranberry, cottongrass and a sparse growth of black spruce on June 2. After entering the bog, located on highway 17 about five miles north of Rhineland, Oneida county, I quickly collected three specimens of *Erebia discoidalis* and was about to leave when I noticed and captured the *freiija*. A second *freiija* was sighted but not captured. I had found *freiija* very common in Minnesota bogs the previous week and after capturing this specimen I expected to obtain others as I searched other Wisconsin bogs, but I failed to do so. The abundance of *freiija* in Minnesota had been quite surprising since it was first reported from that state only two years previously. The only other butterfly found in the bog was *Incisalia augustinus* (Westwood) which was common.

PIERIS VIRGINIENSIS Edwards

Later on June 2 I was collecting just south of Presque Isle, Vilas County, Wisconsin, on a small side road leading into a rich maple forest and captured three specimens (2 ♂♂, 1 ♀) of *Pieris virginiensis*. Other species taken in the same vicinity include *Euchloe olympia* (Edwards), *Papilio glaucus canadensis* Rothschild & Jordan, *Nymphalis j-album* (Boisduval & LeConte) and *Polygonia satyrus* (Edwards). My three specimens of *virginiensis* are the first documented captures from Wisconsin; however Mr. James R. Neidhoefer of Milwaukee reports (*in litt*) that he collected a specimen (23-V-1961) near Hazelhurst, Oneida County—about 25 miles directly south of my locality. Still later on June 2, 1967, I found *P. virginiensis* very abundant in a maple forest about five miles south of White Pine, Ontonagon County, Michigan and captured about 40 specimens in an hour. These are the westernmost records for *virginiensis* in Michigan, which had previously been reported from Mackinac, Emmet and Benzie counties by Voss and Wagner (1956).¹

I am indebted to Dr. Alexander B. Klots of the American Museum for confirming my determinations. The three specimens of *Pieris virginiensis* and the one of *Boloria freiija* have been donated to the American Museum Collection, New York.—JOHN H. MASTERS, Box 7511, St. Paul, Minnesota.

¹ Voss, E. G. and W. H. Wagner, Jr. 1956. Notes on *Pieris virginiensis* and *Erora laeta*—two butterflies hitherto unreported from Michigan. *Lepid. News*, 10: 18-24.