

Field Guide
to
Butterflies
of the
Philippines

By

Peter B. Hardy
&
James M. Lawrence

Information page

For Loren, Lirio and Limmuel Hardy
and Michael Lawrence



Left: Peter B. Hardy. Binangonan, Rizal Province, Philippines (2007) (*C. Abejuela*).

Right: James M. Lawrence. Lekgalameetse Reserve, Limpopo Province, South Africa (2011) (*P. Lawrence*).

Foreword

This superb work on the Butterflies of the Philippines by Peter Hardy and James Lawrence is of undoubted importance. The Philippines presents one of the richest areas in the world for the most beautiful of organisms, butterflies, from part of that exciting region of Wallacea made famous by Alfred Russel Wallace and his most important zoogeographic discoveries. This delightful and highly informative text provides something very special: a list of every species found on the islands, furnishing distribution, variation, larval host plants and status, accompanied by an impressive set of illustrations for two thirds of them taken live in the field and further including specimens photographed in the Manchester Museum, UK. To put the work in context: the Philippines has much the same number of islands and much the same area as the British Isles, and yet despite being far more isolated from its source mainland and having 30 million additional humans (100 million to 67 million) this work records an astonishing 947 butterfly species against a meagre 60 species in Britain. The Philippine islands are a zoogeographic tropical paradise, and are not only precious from the vantage of species richness but in having unrivalled uniqueness in endemics of sheer beauty.

This work will undoubtedly generate a new era in the study of butterflies of this region, an accessible guide that will underpin many a serious study to come in butterfly biology, ecology and, most importantly, conservation. With its wealth in diversity, I look forward to this region becoming a centre for butterfly studies to rival areas in the West that have, by comparison, scant faunas but vastly greater resources for research. Having long worked with Peter, it is of no surprise to me that this work carries all the hallmarks of his previous contributions, a meticulous attention to detail. UK's Butterfly Conservation has long benefited from his dedication as Greater Manchester's atlas recorder. This work emerges from Peter's website for the butterflies of the islands, already so well received by butterfly enthusiasts in the Philippines. The work is the product of some thirteen trips to the Philippines by Peter, and a longer period of stay of one and three quarter years between December 2000 and September 2002; the latter period, in particular, has allowed him to build material for this book. The story behind the collaboration of the two authors, Peter having first worked with James Lawrence's father on a book on aeroplanes, is fascinating, James Lawrence bringing to the work his professional experience in entomology research at the University of Stellenbosch, South Africa in producing the chapters on butterfly biology.

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Above: Cleopatra's Needle Mountain Range, Palawan (*J. van Beijnen*).



Above: The Philippine islands and the closest landmasses.

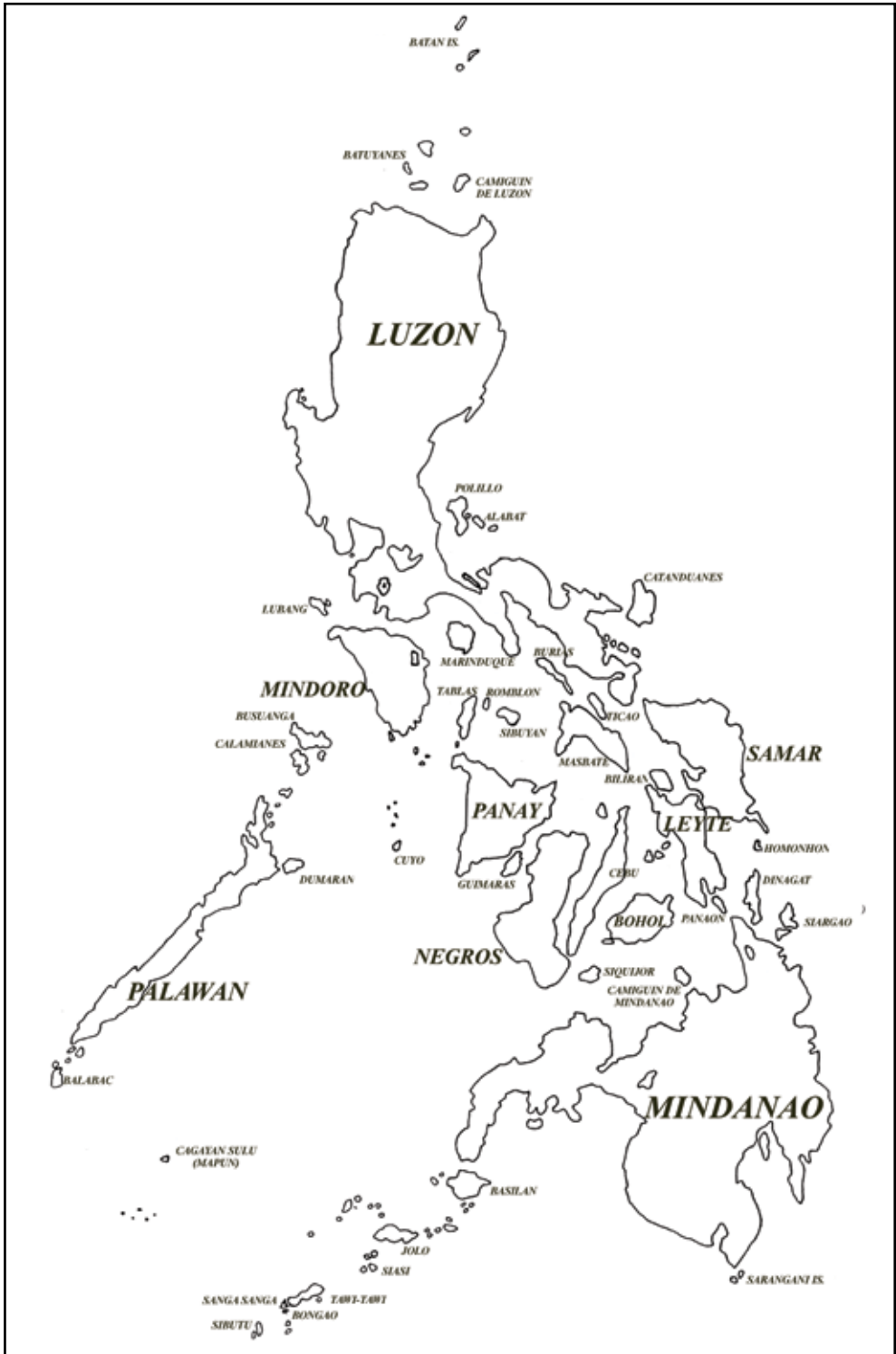
Introduction

The Philippines is a volcanic archipelago situated between latitude 4.6° N and 21.4° N and between longitude 116.5°E and 127°E (1,105 km) with a total land area of approximately 300,000 square kilometres (115,831 square miles). The total number of islands is usually cited as 7,107, of which around 2,100 are reckoned to be human-inhabited. About 500 of the islands have an area of over one square kilometre. The eleven largest islands account for 96% of the land area of the Philippines. The largest island is Luzon (104,688 square kilometres/40,541 square miles) in the north, which includes the capital city, Manila; the second largest is Mindanao (97,530 square km/36,680 square miles) in the south; the third largest is Palawan (12,189 square km/4,706 square miles), a long narrow island aligned north-east to south-west and in the gap between the rest of the Philippines and Borneo to the south. The archipelago is around 800 kilometres (500 miles) east of the Asian mainland, separated from it by the South China Sea. To the north, the next land-mass of any size is Taiwan.

The Philippines is at a crucial location in biogeographical regions. According to Huxley (1868) the archipelago falls within “Wallacea”, a transitional faunal zone between Asia and Australia. Earlier estimates had reckoned that the Philippines fell within the Asian region and not Wallacea, but Huxley re-drew the “boundary” (which he named “Wallace’s line”) so that, after running northwards through the Lombok strait between Bali and Lombok and between Borneo and Celebes (now Sulawesi), it continued due northwards passing to the west of Palawan. Huxley’s findings were primarily in respect of birds; however, the concept of faunal regions also applies to other animal life. Whether or not we regard the Philippines as belonging to “Wallacea”, the “boundary” has certainly not limited butterfly species richness in the archipelago.

The Philippine archipelago is divided into three island groups: Luzon, Visayas and Mindanao. The Luzon islands include Luzon itself, Palawan, Mindoro, Marinduque, Masbate, Romblon, Catanduanes, Batanes and Polillo. The Visayas is the group of islands in the central Philippines, the largest of which are: Panay, Negros, Cebu, Bohol, Leyte, Samar, Siquijor, Biliran and Guimaras. The Mindanao islands include Mindanao itself, Dinagat, Siargao and Camiguin de Mindanao, plus the Sulu Archipelago, which includes Basilan and Tawi-Tawi.

Whereas the Philippines formerly had extensive rain-forest coverage, this situation has drastically altered since the mid-20th century. Space requirements for the explosive human population increase, coupled with the world demand for timber and the modern wood-harvesting methods, have resulted in substantially reducing the forest areas of the Philippines, especially in the lowlands; it is believed that less than 10% of the original forest coverage remains. Notwithstanding, reasonably large forested areas can still be found in such



Above: The Philippine islands.



Above: Regeneration of secondary forest at Binangonan, Rizal Province, Luzon, following cessation of cultivation.

Below: Indiscriminate habitat destruction at Indang Village, Cavite Province, Luzon – for building a housing “subdivision”.



locations as north-eastern Luzon and the Sierra Madre mountain range, parts of Palawan, southern Mindanao, central Mindanao (Bukidnon), northern Negros, central Leyte, northern and central Samar and eastern Tawi-Tawi Islands. The higher mountains across the country tend to have forested slopes. Typical examples are Mt. Arayat, Mt. Banahaw, Mt. Isarog, Mt. Makiling and Mt. Pulag (Luzon), Mt. Apo (the country's highest mountain, at 2,954 metres/9,962 ft), Mt. Kitanglad and Mt. Malindang (Mindanao), Mt. Halcon (Mindoro), Mt. Canlaon (Negros), Mt. Mantalingajan (Palawan) and Mt. Guiting-Guiting (Sibuyan). Further, there are in existence protected areas including approximately twenty-five "Natural Parks"; there is even some protected forest at Subic Bay, part of a former United States Army base.

The Philippines experiences a tropical climate with generally a cooler, drier period from December to February, a hot, mainly dry period from March to May (often referred to as the Philippine summer) and a rainy season from June to November; the dry and wet seasons are however not as pronounced as in some countries. Typhoons are frequent and can be quite destructive, especially in the East Visayan and North Luzon areas. Parts of the Philippines can experience differing intensities of the general climatic conditions depending on the location of higher mountain ranges, the amount of forest coverage existing and the prevailing winds. Such conditions can cause light rainfall throughout the year (south-east Mindanao, Sulu Archipelago) or can bring the heaviest rain from November to January (eastern Mindanao, eastern Samar) or with the heaviest rainfall from April to September



Above: Mt. Banahaw, Luzon (a familiar collecting site) (G. C. Hardy).



Above: Mt. Canlaon, Negros (a well-known butterfly-collecting site).

(south-western Mindanao). The average temperature in Manila varies from 26°C/78°F in January to 30°C/86°F in May. Temperatures over most of the archipelago are similar to these; however in the north and especially in the mountains (for example, around Banaue) it can at times be quite a bit colder. Frosts and snow are unknown.

Treadaway (1995) listed 894 butterfly species for the Philippines (with *Udara dilecta* duplicated, making the actual total 893), of which 353 (39.5%) were endemic. D'Abbrera (1982, 1984, 1986) indicated a further 15 species as occurring, or possibly occurring, in the Philippines. These have been included in this work, noted accordingly, but must be considered doubtful. Subsequent work by de Jong & Treadaway (2007, 2008) and Takanami (2016) has added several more to the total, either by discovering hitherto undescribed species or by raising taxa previously treated as subspecies to full species rank. Badon (2014) included approximately 120 species in an introductory field guide to the Philippine butterflies.

The loss of forest cover will, of course, have a very strong impact on forest-dwelling butterflies, as well as other living organisms, including birds. To cite an example, a survey in closed and open canopy forests, as well as suburban, rural and urban areas within the Subic Bay watershed and nearby Olongapo City, found that both birds and butterflies were affected by canopy removal, but apparently in different ways, birds being more seriously affected than butterflies (Posa & Sodhi, 2006). We acknowledge that some of the Philippine butterfly species are, fortunately, very adaptable to man-modified habitats (e.g. Hardy & Dennis, 2008);

indeed, in spite of intense urbanisation at least 40 species occur regularly in and close to the capital city of Manila; and a little further out, at Binangonan in Rizal province, 33 kilometres (20 miles) east of Manila, the total is 75. At Indang, a mainly rural lowland location in Cavite province, 45 km (28 miles) south of Manila, over a period of two years a total of 100 species were recorded, and this would almost certainly have underestimated the true total (Hardy & Dennis, 2005). Such adaptable species are, however, in the minority as regards the total number, and for most of the localised and endemic taxa the position is simply that if the habitat is lost so is the butterfly. The current natural reserves are distinctly deficient in number to protect a large fraction of the butterfly fauna; priority sites required for butterflies are likely to be different from those required for other animals (Danielsen & Treadaway, 2004); and it is therefore strongly to be hoped that fine-scale conservation planning can be developed to ensure that the needs of the localised and endemic butterflies can be adequately provided for. Conservation of forests with contiguous canopy cover should be prioritised, and more ecological research is needed to improve the knowledge on the effects of disturbance on Philippine biodiversity.

In parts of the Philippines, butterflies are under pressure from commercial exploitation. Catching specimens for sale to collectors is believed still to take place at locations including Mt. Banahaw on Luzon, Mambucal on Negros and a number of sites on Palawan; and much captive breeding is practised, especially on Marinduque and several locations in northern and central Luzon, for supply of pupae to overseas butterfly houses. In the main, however, it is the larger, showy, but common species which are bred for the latter purpose. Another exploitation, more recent, is the breeding of large numbers of yellow butterflies, especially *Eurema* species, for release at weddings.

This book consists of three main sections.

The first part deals with butterfly biology, starting by introducing the reader to butterfly taxonomy. Egg, larval and adult morphology are described, followed by a brief look at intraspecific variation and mimicry in adult butterflies.

The second section presents a complete list of all known butterfly taxa found within the Philippines. A total of 947 species are covered. Each species is listed under its scientific name, followed by a vernacular name (where there is one), and a list of all Philippine subspecies along with their Philippine distributions. Also, where known, the larval foodplants are listed as well as some basic ecological knowledge. Sources of the hostplant data include Corbet & Pendlebury (as revised by Eliot) (1992) and Bascombe *et al.* (1999), also a number of websites especially The Plant List (<http://www.theplantlist.org/>). They include records from any south-east Asian countries; when it is known for certain that the record is from the Philippines the letters [PH] are added after the plant name.



Above: Mt. Makiling, Luzon (a mountain close to the University of the Philippines at Los Baños, good butterfly site).

Below: Marinduque (an island where commercial butterfly breeding occurs on a big scale).





Above: The Chocolate Hills, Bohol. Owing to their value as a natural tourist attraction, the biotope remains reasonably intact.

Below: Much of the lowland forest on Negros has been cleared and replaced by sugar-cane fields. A few butterfly species can still use this habitat, e.g. some of the more tolerant Satyrines and Hesperiiids.



In the third and final section many species are illustrated in a series of Plates. Butterflies are illustrated with photographs of live specimens and/or photographs of set museum specimens. The size of each butterfly is indicated on the caption to each species; size was determined as the length (mm) from the centre of the thorax to the tip of the forewing of a set specimen, multiplied by two. As many species as possible are illustrated by photographs taken in the Philippines; however for completeness we have included a number of photographs taken elsewhere, of species which occur in the Philippines but for which we were unable to locate photographs taken therein. The museum specimens were all photographed from the historic collections of the Manchester Museum. This museum houses the renowned collection of world Papilionidae by David Longsdon (1864–1937) which he amassed between 1902 and 1936 entirely by purchasing specimens – more than 9,000 of them – from natural history dealers (Dockery & Logunov, 2015) and also C.H. Schill’s collection of world Lepidoptera, which was donated to the museum in 1900 and contains some 40,000 specimens of over 8,000 species. Also in the museum collection are a number of butterflies collected at Los Baños, Luzon, the location of Mt. Makiling, early in the 20th century.

The order of species and the numbering system used in this book are based on the list published by the Holdings of the CESA in 2000; the nomenclature in the main follows that list and also Treadaway (1995) and D’Abrera (1982, 1984 and 1986). Species which have been added to the list since 2000 have been inserted in their appropriate taxonomical position and given a number with a suffix “.1” (e.g. “421.1”) or in a few instances “.2”.



Above: Mt. Guiting-Guiting, Sibuyan. A “Natural Park” on one of the smaller and less frequented islands.



Above: Banana cultivation replacing original coastal vegetation on Boracay. Biotopes on this small island have been severely degraded but still support some species including the spectacular *Idea leuconoe*.

Below: Roxas Boulevard, Manila Bay. Even the small green spaces beside this busy road provide habitat for some butterfly species.





Above: Lowland rain-forest at Tagabanit, near Puerto Princesa, Palawan (*J. van Beijnen*).

Below: Forest by the San Nicolas river, Roxas, Palawan (*J. van Beijnen*).



Butterfly Biology

Taxonomy

Butterflies and moths both belong to the insect order Lepidoptera. This insect order is one of the largest with more than 157,000 species found worldwide. There are approximately 18,500 butterfly species in 1,900 genera. These insects range in size from small Leaf-miner moths to the large Birdwing butterflies, with 3 mm and 300 mm wingspans respectively. Adult Lepidoptera are distinguished from other insects by a covering of broad, often brightly coloured, overlapping scales on the wings. Furthermore, the mouthparts of the adult are highly modified to form a coiled haustellum.

Butterflies can be readily distinguished from moths by the following easily identifiable characteristics:

- 1) Butterflies are generally day-flying, whereas moths are most active at night. Nonetheless, there are numerous day-flying moths as well.
- 2) Generally butterflies settle with their wings folded above the body (except for the Pyrginae), and moths rest with their wings folded along the body or held flat.
- 3) Butterfly antennae end in a thickened club and moth antennae are either branched or thin and pointed.

Butterflies comprise three superfamilies: the Hesperioidea (skippers), Papilionoidea (true butterflies) and Hedyloidea. The Hesperioidea and Papilionoidea have approximately 3,500 and 15,000 species respectively. The Hedyloidea are restricted to tropical America including Cuba and Trinidad, with about 35 species in a single genus, *Macrosoma*.

Life cycle and morphology

This book primarily deals with the identification of the adult butterflies found in the Philippines. However, this section will aid identification of the early life-history stages, and used in conjunction with the description of the egg, larva and pupa below will allow the reader to identify the early stage family. Furthermore, identifying the plant species on which an early stage is found will often help narrow down which butterfly species it is.

All butterflies pass through four life-history stages, in a process called metamorphosis. The first stage is the ovum (egg), followed by the larva (caterpillar), pupa (chrysalis) and imago (adult). Early stage morphology for each butterfly family is characteristic and easily identifiable to that higher taxon.

Many butterflies spend more time in their early stages than in the adult stage. Yet less is known about these stages of a butterfly's life cycle as they are far less apparent to the observer. The early stages, with their limited mobility, are often vulnerable to predation and parasitism.

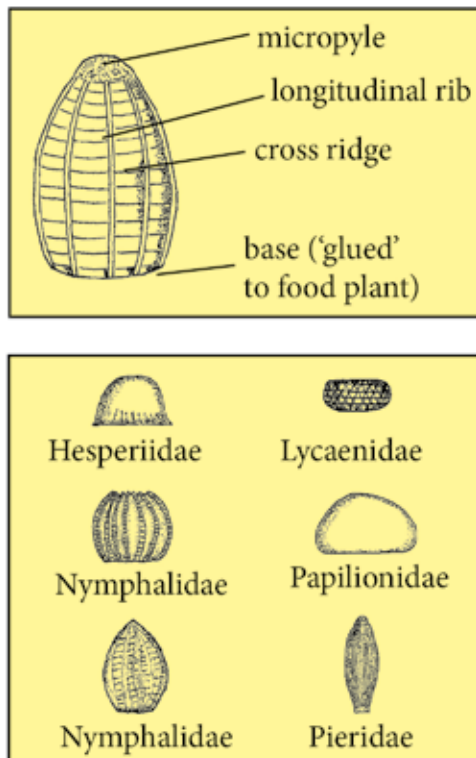
The egg

The egg is generally laid on a suitable food plant, although some butterflies scatter eggs whilst in flight (e.g. Satyrinae). Some species use only a few larval food plants or even a single species (monophagous), whereas other butterflies use a wide range of food plants (polyphagous).

Eggs are 'glued' to the food plant by a sticky secretion which quickly hardens. The number of eggs laid varies from species to species. Most butterflies lay their eggs singly, but some lay eggs in small clusters.

Every egg has a small depression at the top 'pole' in which there is a tiny hole, the micropyle. Sperm enters the egg through the micropyle. Air and moisture also diffuse through the micropyle while the embryo is developing. The egg surface can be smooth or covered with a pattern of ribs and ridges.

The egg stage for most butterflies is brief, lasting approximately one to two weeks, although this can vary.



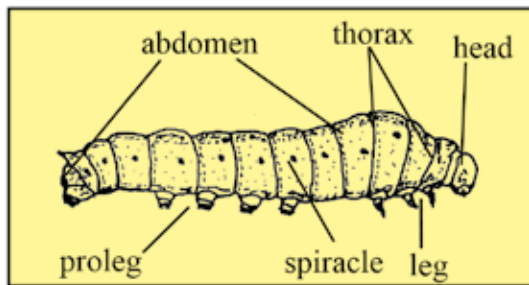
Above: Egg morphology (top) and egg morphology variation (bottom).

The larva

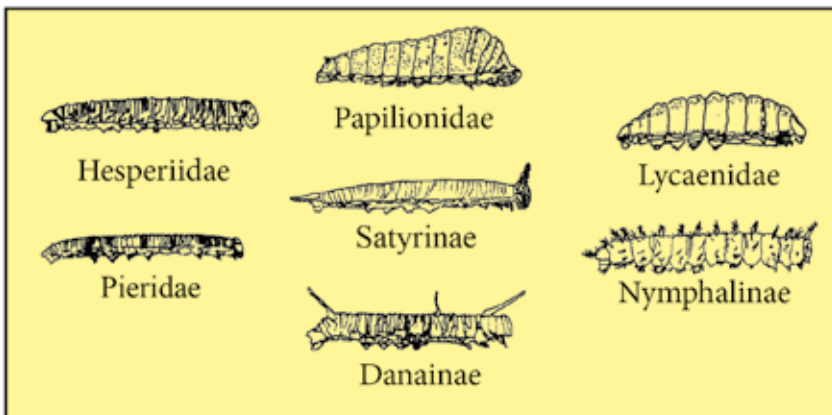
The larva is essentially the main feeding stage of a butterfly's life cycle. Many species devour the egg shell soon after hatching. The majority of butterfly larvae are herbivorous; however a number of lycaenid species are carnivorous, feeding on small insects such as aphids, or on ant larvae. As the larvae grow, they moult in stages known as instars. Generally, most butterfly larvae go through five instars, although there can be slight variations between species and even within a species.

The head is rounded, bears three pairs of simple eyes and the chewing mouthparts. The thorax comprises the first three segments behind the head. Each segment has a pair of jointed legs ending in a single claw. The abdomen is made up of 10 segments. Abdominal segments 3 to 6 and 10 each bear a pair of prolegs ending in tiny hooks called crochets. The prolegs support the elongated body of the larva. The larva breathes through spiracles.

Duration of the larval phase varies among species. In general, it lasts three to four weeks, but is often temperature-dependent. During colder periods it can be longer.



Above: Larva morphology.



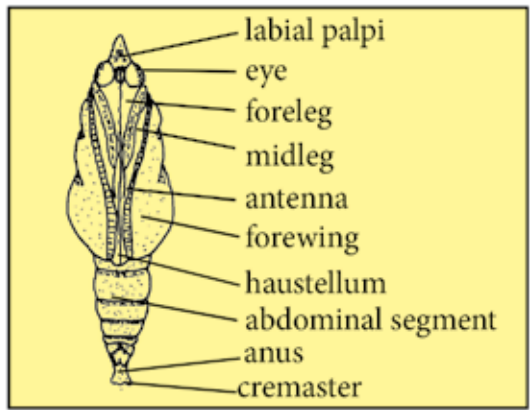
Above: Larva morphology variation.

The pupa

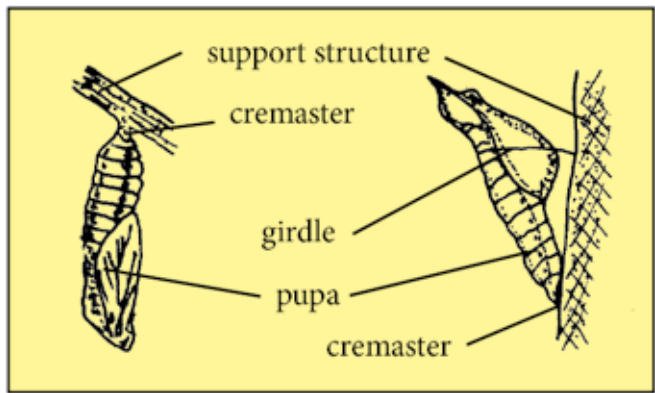
The pupal stage is a biological factory where the simple tissues of the larva are rearranged to form an adult butterfly. Most pupae are well camouflaged. Also, many pupae are dimorphic, being either various shades of green or grey/pink in colour.

The pupae of the nymphalid butterflies are suspended upside down from the cremasteral hooks located at the tail end. These hooks are embedded in a mat of silk which is spun on the support structure by the larva before pupation takes place. The pupae of the Pieridae, Papilionidae and Lycaenidae are attached to the support structure by means of a cremaster as well as a girdle spun around the middle for added strength. Many hesperiids pupate in shelters (e.g. rolled grass leaves) constructed by the pupating larvae.

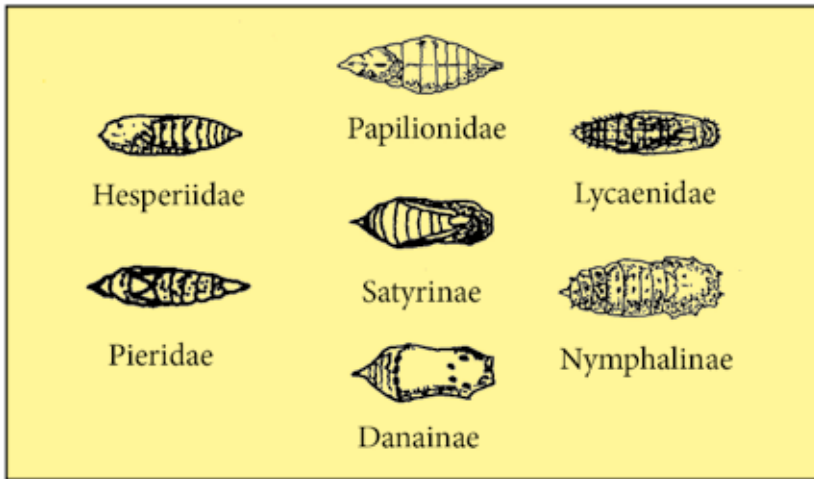
Pupal duration varies considerably among species. It is usually three to four weeks for large species and 10 to 14 days for smaller butterflies.



Above: Pupa morphology.



Above: Pupa attachment.



Above: Pupa morphology variation.

The adult

The adult is essentially the breeding stage of a butterfly's life-cycle. Adults generally live for two to three weeks. As this book primarily deals with the identification of the adult butterfly, adult morphology is described in detail. Knowledge of imago morphology will assist in positively identifying its species.

The adult is divided into the head, thorax (with legs and wings) and abdomen. The outer shell, known as the exoskeleton, is made of the polysaccharide called chitin. The muscles are attached to the exoskeleton. The structure of an adult butterfly can be broken down into the following main sections:

Head: A pair of long segmented antennae are found between two large compound eyes. The compound eye is made up of hundreds of facets called ommatidia. The mouthparts are greatly reduced compared with other insect orders. They consist of the maxillae which are modified to form the coiled haustellum or proboscis, and a pair of three-segmented labial palpi.

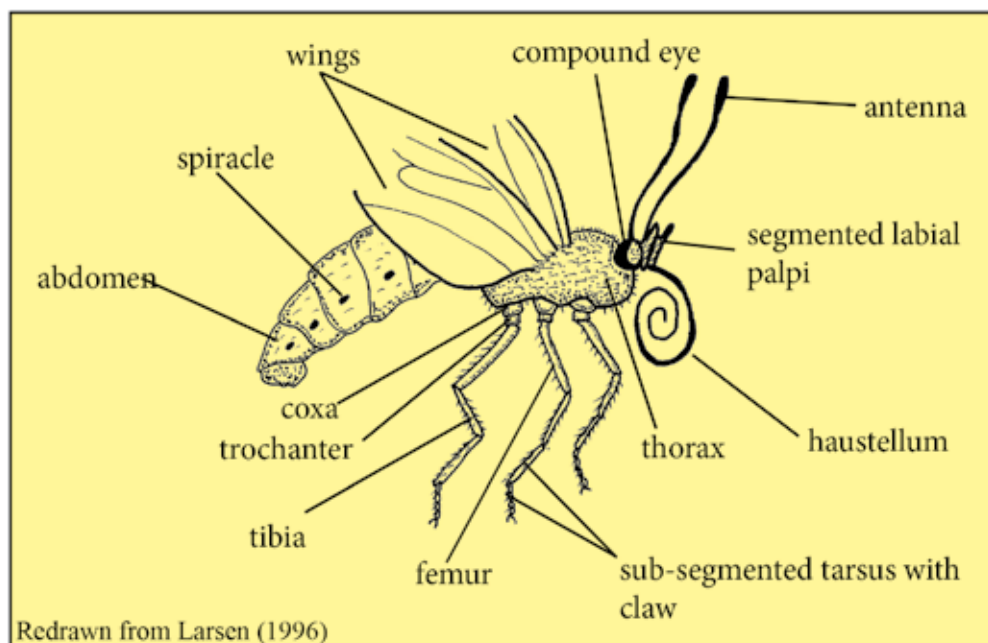
Thorax: The thorax consists of three sub-segments, the prothorax, mesothorax and metathorax. Each thoracic sub-segment carries a pair of jointed legs, while the meso- and metathorax carry, in addition, a pair of wings each.

Legs: The jointed legs consist of five segments, the coxa, trochanter, femur, tibia and sub-segmented tarsus ending in a claw. In both sexes of the Hesperiiidae, Papilionidae and Pieridae, the forelegs are fully developed and used for walking, but in the Lycaenidae and Nymphalidae they are reduced in various degrees, especially in the males.

Wings: Butterflies, like most insects, have two pairs of wings. The wings are membranous, and covered with pigmented scales, often of bright colours. These membranes are held rigid by veins. The membrane areas between the veins are known as cells. Furthermore,

each general area of the wing has its own name. The veins, cells and general areas are used to describe the location of colour pattern features on the wings, and are useful for identifying a species.

Abdomen: The abdomen consists of 10 segments, and includes the respiratory, digestive and reproductive systems. The abdomen is generally much softer than the thorax. As butterflies and other insects have no lungs, oxygen enters through spiracles and is transported through the body via tiny tubes called tracheae. The stomach and midgut are found in the abdomen. The sex organs of a butterfly are proportionally large and are found in the last two (three in some species) segments of the abdomen. The gonads (i.e. the testes and ovaries), however, are found deeper inside the abdomen.



Above: General structure of an adult butterfly.

Adult intraspecific variation

Four main types of phenotypic intraspecific variation are found within adult butterflies; sexual, seasonal, individual and geographical. All forms of intraspecific variation are illustrated in the Species Accounts section. Note that not all butterfly species exhibit intraspecific variation.

Sexual dimorphism

This refers to differences between the sexes of a particular species. For some striking examples, see *Trogonoptera trojana* (species 004, plate 2), the *Appias* species including *A. olferna*, *A. lyncida* and *A. nero* (species 097, 098 and 099, plates 16 and 17), *Hyopolimnas misippus* and *H. bolina* (species 156 and 157, plate 29), *Lexias pardalis* (species 226, plate 40), *Zethenia pimplea* (species 315, plate 51) or *Chilades pandava* (species 550, plate 91). In general, females are slightly larger than males, often with more rounded wings. In some species the differences between male and female can be so great they appear to belong to different species.

For many species the wing colour patterning of males and females is almost identical. In a number of species the only obvious difference between males and females is the presence of male secondary sexual characteristics. This is common in the Danainae butterflies. Females lack these structures. The secondary sexual structures are used for producing and dispensing pheromones.

Seasonal variation

With seasonal variation, individuals that emerge during the dry season are different from those that hatch in the wet season. In the case of the Nymphalidae, wet season forms show prominent marginal eyespot patterns (also known as ocelli), whereas with the dry season forms they are absent. Eyespots are displayed at rest and function principally in the deflection of vertebrate predator attacks. Wet season butterflies are also more active than dry season individuals, the latter relying more on camouflage to avoid predation. For examples, see *Junonia almana* (species 148, plate 27, where the photograph from Balabag on Boracay is typical of the wet season form, and that from Mt. Arayat the dry season form) and *Mycalesis perseus* (species 340, plate 56, where the photograph from Angat shows an extreme dry season form and the others are more typical of the wet season).

Individual polymorphism

This refers to phenotypic differences between individuals of the same species. Generally the differences between individuals of the same population are not very pronounced. However, some butterflies have two or more different forms that occur at the same time in a particular population. This type of individual variation is known as polymorphism.

Examples include *Papilio lowi* (species 034) and *P. rumanzovia* (species 035), which have several different female forms; see plates 6 and 140/141. The adaptive significance of this polymorphism is unknown.

Geographical variation

Variation may occur between geographically isolated populations of the same species. Populations that are isolated from each other may begin to evolve different characteristics which are geographically limited. If there are consistent differences between these separate populations, each is described as a subspecies.

In most cases the formation of a subspecies is aided by the presence of geographical barriers which limit gene flow between two populations. Islands are geographically isolated and often have endemic subspecies of continental species. This is common in the Philippines, with several thousand islands, which has led to the evolution of a large number of endemic subspecies. The genus *Euploea* (species 386 to 397) is an extreme example of this inter-island sub-speciation, especially the common *E. mulciber* (species 393, plates 65, 66 and 143) with seventeen (possibly nineteen) Philippine subspecies.

Mimicry

Mimicry is the resemblance of one species to another, where either one or both species gain some form of protection. There are two broad kinds of mimicry in adult butterflies.

Batesian mimicry: Proposed by Henry Bates in 1862. Here a palatable species (the mimic) resembles an unpalatable one (the model), with the mimic benefitting by the protective resemblance. It is thought that a predator, after catching a number of individuals of the model, learns they are distasteful and avoids them. The predator will also avoid the mimic as they resemble the unpalatable butterflies. For this mimetic relationship to work, both mimic and model need to occur in the same area, with the model frequently attacked by a predator, so the predator learns which colour patterns to avoid. Flight behaviour of the model and mimic are often different, with the model having a more lazy flight pattern. A classic example is *Hypolimnas misippus* (species 156, plate 29), which mimics *Danaus chrysippus* (species 382, plate 63).

Müllerian mimicry: Proposed by the naturalist Johannes Friedrich Müller in 1878. Here two or more species with effective secondary defences share a similar colour pattern, i.e. an unpalatable butterfly resembles another unpalatable butterfly. In this kind of mimicry the relationship is considered mutualistic with both species benefiting. This form of mimicry is very prevalent in South America, but is not so obvious in south-east Asia.

Species Accounts

Papilionidae

Subfamily Papilioninae

001) *Troides rhadamantus* (Boisduval, 1836)

GOLDEN BIRDWING

Plate 1 and 136

Distribution: Philippines, excluding Balabac, Calamian, Palawan.

Recorded hostplants: ARISTOLOCHIACEAE: *Aristolochia tagala* (Native Dutchman's Pipe/Indian Birthwort).

Endemic; common. Can utilise a wide range of habitats and can sometimes be seen taking nectar from flowers in gardens.

002) *Troides plateni* (Staudinger, 1888)

DR. PLATEN'S BIRDWING

Plate 1 and 136

Distribution: Balabac, Calamian, Palawan.

Recorded hostplants: ARISTOLOCHIACEAE: *Aristolochia* sp.

Endemic; uncommon/local. Replaces the very similar *T. rhadamantus* on Palawan and associated islands.

003) *Troides magellanus* (C. & R. Felder, 1862)

MAGELLAN BIRDWING

Plate 1, 2 and 136

Subspecies and distribution:

(i) *magellanus* (C. & R. Felder, 1862) – Bohol, Busuanga, Cebu, Cuyo, Homonhon, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Samar.

Recorded hostplants: ARISTOLOCHIACEAE: *Aristolochia debilis*, *A. tagala* (Native Dutchman's Pipe/Indian Birthwort), *A. zollingeriana*.

Uncommon/local.

004) *Trogonoptera trojana* (Honrath, 1886)

PALAWAN BIRDWING/TRIANGLE BIRDWING

Plate 2 and 136

Distribution: Palawan.

Recorded hostplant: ARISTOLOCHIACEAE: *Aristolochia foveolata*.

Endemic; locally common.

005) *Trogonoptera brookiana* (Wallace, 1855)

RAJA BROOKE'S BIRDWING

Plate 2 and 136

Subspecies and distribution:

(i) *brookiana* (Wallace, 1855) – Balabac.

Recorded hostplants: ARISTOLOCHIACEAE: *Aristolochia* sp., including *A. foveolata* and *A. tagala* (Native Dutchman's Pipe/Indian Birthwort).

Rare; a Malayan species which only just penetrates the Philippines.

006) *Atrophaneura semperi* (C. & R. Felder, 1861)

BATWING

Plate 2 and 137

Subspecies and distribution:

(i) *semperi* (C. & R. Felder, 1861) – Camiguin de Luzon, central/north Luzon, Polillo.

(ii) *albofasciata* (Semper, 1892) – Mindoro.

(iii) *aphthonia* (Rothschild, 1908) – Mindanao.

(iv) *baglantis* (Rothschild, 1908) – Negros, Masbate.

(v) *imogene* Schröder & Treadaway, 1979 – Sibuyan.

(vi) *lizae* Schröder & Treadaway, 1984 – Panay.

(vii) *melanotus* (Staudinger, 1889) – Calamian, Palawan.

(viii) *sorsogona* Page & Treadaway, 1990 – south Luzon.

(ix) *supernotatus* (Staudinger) (listed in D'Abrera (1982) only) – Bohol, Leyte, Panaon, Samar.

Recorded hostplants: ARISTOLOCHIACEAE: *Aristolochia foveolata*, *A. kaempferi*, *A. pentandra*.

Endemic; uncommon/local.

007) *Pachliopta neptunus* (Guérin-Ménéville, 1840)

YELLOW-BODIED CLUB-TAIL

Plate 2

Subspecies and distribution:

(i) *dacasini* Schröder, 1976 – Palawan.

(ii) *matbai* Schröder & Treadaway, 1990 – Tawi-Tawi.

Recorded hostplants: ARISTOLOCHIACEAE: *Thottea* sp. including *T. borneensis*.

Rare.

008) *Pachliopta atropos* (Staudinger, 1888)

Plate 2, 3 and 137

Distribution: Balabac, Busuanga, Palawan.

Endemic; uncommon/local.

009) *Pachliopta aristolochiae* (Fabricius, 1775)

COMMON ROSE

Plate 3 and 137

Subspecies and distribution:

(i) *interpositus* Fruhstorfer, 1904 – Batanes.

Recorded hostplants: ARISTOLOCHIACEAE: *Aristolochia bracteata*, *A. cucurbitifolia*, *A. debilis*, *A. elegans* (Calico flower, Pipe Vine), *A. foveolata*, *A. indica*, *A. kaempferi*, *A. klossii*, *A. liukuensis*, *A. tagala* (Native Dutchman's Pipe/Indian Birthwort), *A. zollingeriana*, *Bragantia wallichii*, *Thottea philippinensis*, *T. tomentosa*.
DIOSCOREACEAE: *Dioscorea wallichii*.

Uncommon/local. A widespread Asian species which only just penetrates the Philippines; in most of the archipelago it is replaced by *P. kotzebuea*.

010) *Pachliopta kotzebuea* (Eschscholtz, 1821)

PINK ROSE

Plate 3 and 138

Subspecies and distribution:

(i) *kotzebuea* (Eschscholtz, 1821) – central & western Luzon.

(ii) *bilara* Page & Treadaway, 1995 – Bohol, Cebu.

(iii) *deseileus* (Fruhstorfer, 1911) – Marinduque, Masbate, Mindanao, Negros, Panay, Ticao.

(iv) *mataconga* Page & Treadaway, 1995 – south Luzon.

(v) *philippus* (Semper, 1891) – Dinagat, Homonhon, Leyte, Mindanao, Panaon, Samar, Sarangani.

(vi) *tindongana* Page & Treadaway, 1995 – Babuyan, north Luzon.

(vii) *poseidippus* Fruhstorfer – Basilan (listed in D'Abrera (1982) only).

Endemic; common.

011) *Pachliopta antiphus* (Fabricius)

Plate 3 and 138

Subspecies and distribution:

- (i) *acuta* (H. Druce, 1873) – Basilan, Sanga Sanga, Sibutu, Tawi-Tawi.
- (ii) *antiphulus* (Fruhstorfer, 1902) – Jolo.
- (iii) *brevicauda* (Schröder & Treadaway, 1889) – Calamian, Cuyo, Palawan.
- (iv) *elioti* Page & Treadaway, 1995 – Siasi.

Uncommon/local.

012) *Pachliopta phlegon* (C. & R. Felder, 1864)

Plate 138

Subspecies and distribution:

- (i) *phlegon* (C. & R. Felder, 1864) – western Mindanao.
- (ii) *splendida* Schröder & Treadaway, 1984 – Sibuyan.
- (iii) *strandi* Bryk, 1930 – Guimaras, Luzon, Marinduque, Mindoro, Panaon.

Endemic; uncommon/local.

013) *Pachliopta mariae* (Semper, 1878)

Plate 3 and 138

Subspecies and distribution:

- (i) *mariae* (Semper, 1878) – Bohol, Leyte, Mindanao, Samar.
- (ii) *almae* (Semper, 1891) – central/eastern Luzon, Polillo.
- (iii) *camarines* Schröder & Treadaway, 1978 – south Luzon.

Endemic; uncommon/local.

014) *Pachliopta leytensis* Murayama, 1978 (D'Abbrera (1982) treats as *P. phegeus* Hopffer, 1866)

Plate 3 and 138

Distribution: Bohol, Cebu, Dinagat, Leyte, Mindanao, Panaon, Samar.

Endemic; uncommon/local.

015) *Pachliopta schadenbergi* (Semper, 1891)

Plate 139

Subspecies and distribution:

- (i) *schadenbergi* (Semper, 1891) – central & north-western Luzon.
- (ii) *micholitzii* (Semper, 1891) – Camiguin de Luzon, north-eastern Luzon.

Endemic; rare.

016) *Chilasa slateri* (Hewitson, 1857) (listed in D'Abbrera (1982) only)

BLUE-STRIPED MIME

Plate 3

Subspecies and distribution:

(i) (uncertain) – Philippines (unspecified location).

017) *Chilasa clytia* (Linnaeus, 1758)

COMMON MIME

Plate 4 and 139

Subspecies and distribution:

(i) *cuyo* Medicielo & Hanafusa, 1994 – Cuyo.

(ii) *palephates* (Westwood, 1845) – Camiguin de Luzon, Catanduanes, Luzon, Marinduque, Mindoro, Negros, Panay, Samar, Siquijor.

(iii) *panopinus* (Staudinger, 1889) – Calamian, Palawan.

(iv) *visayensis* M. & T. Okano, 1978 – Basilan, Bohol, Cebu, Jolo, Leyte, Mindoro, Negros, Panay, Samar, Siquijor.

Recorded hostplants: LAURACEAE: *Alseodaphne semecarpifolia*, *Cinnamomum camphora* (Cinnamon/Camphor Laurel), *C. iners* (Wild Cinnamon), *C. verum*, *C. zeylanicum*, *Cryptocarya amygdalina*, *Litsea apetala*, *L. glutinosa* (Bollygum/Lawat), *Persea gamblei*, *Phoebe lanceolata*. SAPOTACEAE: *Sarcosperma arboreum*.

Common.

018) *Chilasa osmana* Jumalon, 1967

Not illustrated

Distribution: southern Leyte (1,500 feet), north-eastern Mindoro.

Endemic; very rare.

019) *Chilasa carolinensis* Jumalon, 1967

Not illustrated

Distribution: eastern & south-eastern Mindanao.

Endemic; very rare.

020) *Chilasa paradoxa* (Zinken, 1831)

GREAT BLUE MIME

Not illustrated

Subspecies and distribution:

(i) *melanostoma* Jordan, 1909 – Palawan.

Rare.

021) *Papilio benguetanus* Joicey & Talbot, 1923

Not illustrated

Distribution: northern Luzon.

Endemic; uncommon/local.

022) *Papilio demoleus* Linnaeus, 1758

LIME BUTTERFLY/CHEQUERED SWALLOWTAIL

Plate 4

Subspecies and distribution:

(i) *libanius* Fruhstorfer, 1908 – Philippines generally.

Recorded hostplants: FABACEAE: *Psoralea corylifolia* (Babchi), *P. leucantha*, *P. patens*, *P. pinnata*, *P. tenax*. RUTACEAE: *Acronychia pedunculata*, *Aegle marmelos* (Bael), *Chloroxylon swietenia* (East Indian Satinwood), *Citrus aurantifolia* (Lime), *C. aurantium*, *C. deliciosa*, *C. hystrix*, *C. japonica* (Kumquat), *C. limon* (Lemon), *C. maxima* (Pomelo), *C. medica*, *C. natsudaoidai*, *C. reticulata*, *C. sinensis*, *Clausena anisata*, *C. excavata*, *Flindersia brayleyana*, *Glycosmis parviflora*, *G. pentaphylla*, *Limonia elephantum*, *Microcitrus australis*, *Murraya koenigii*, *Ruta angustifolia*, *R. graveolens* (Herb-of-grace), *Severinia buxifolia* (Box-orange), *Toddalia asiatica* (Orange Climber), *Triphasia trifolia*, *Zanthoxylum cuspidata*, *Z. nitidum*, *Z. scandens*. LOGANIACEAE: *Fagraea crenulata*. RHAMNACEAE: *Ziziphus jujuba* (Jujube/Mansanitas), *Z. mauritiana*.

Very common. Occurs in Metro Manila. Breeds readily on *Citrus* bushes in gardens as well as rural locations; highly mobile and can be seen almost anywhere.

023) *Papilio demolion* Cramer, [1776]

BANDED SWALLOWTAIL

Plate 4 and 139

Subspecies and distribution:

(i) *delostenus* Rothschild, 1908 – Palawan.

Recorded hostplants: RUTACEAE: *Acronychia pedunculata*, *Citrus limon* (Lemon), *C. medica*, ?*Euodia glabra*, *E. lunuankenda*, *E. roxburghiana*, *Luvunga crassifolia*, *L. scandens*.

Uncommon/local.

024) *Papilio antonio* Hewitson, 1875

Plate 139

Subspecies and distribution:

- (i) *antonio* Hewitson, 1875 – Leyte, Mindanao.
- (ii) *negrosiana* Schröder & Treadaway, 1991 – southern Negros.

Endemic; uncommon/local.

025) *Papilio hytaspes* C. & R. Felder, 1862 (D'Abbrera (1982) treats as a subspecies of *P. helenus*)

Plate 4, 139 and 140

Distribution: Philippines generally, excluding Balabac, Bongao, Palawan, Sanga Sanga, Sibutu, Tawi-Tawi.

Endemic; common.

026) *Papilio helenus* Linnaeus, 1758

RED HELEN

Plate 5 and 140

Subspecies and distribution:

- (i) *palawanicus* Staudinger, 1888 – Balabac, Palawan.
- (ii) *boloboc* Page & Treadaway, 1995 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: RUTACEAE: *Citrus japonica* (Kumquat), *C. junos*, *C. medica*, *C. natsudaidai*, *C. tachibana*, *C. trifoliata* (Trifoliolate Orange), *C. unshiu* (Satsuma), *Euodia gabrifolia*, *E. meliaefolia*, *Phellodendron amurense* (Amur Cork Tree), *Toddalia asiatica* (Orange Climber), *Zanthoxylum ailanthoides*, *Z. avicennae*, *Z. cuspidata*, *Z. nitidum*.

Uncommon/local. Widespread in Asia but in most of the Philippines it is replaced by *P. hytaspes*.

027) *Papilio hipponous* C. & R. Felder, 1862

BANDED MORMON

Plate 140

Subspecies and distribution:

- (i) *hipponous* C. & R. Felder, 1862 – Luzon, Marinduque.
- (ii) *bazilanus* Fruhstorfer, 1898 – Balabac, Basilan, Bohol, Calamian, Cebu, Mindanao, Negros, Palawan, Panay, Sibutu, Tawi-Tawi.

Uncommon/local.

028) *Papilio karna* C. & R. Felder, 1864

JUNGLE JADE

Plate 5

Subspecies and distribution:

(i) *irauana* Jumalon, 1975 – Palawan.

Rare.

028.1) *Papilio paris* Linnaeus, 1758 (This species is not listed either in Treadaway (1995) or in D'Abrera (1982), but has recently been reliably recorded and photographed)

PARIS PEACOCK

Plate 5

Distribution: Panay.

029) *Papilio daedalus* C. & R. Felder, 1861 (D'Abrera (1982) treats as a subspecies of *P. palinurus* Fabricius, 1787, the BANDED PEACOCK)

Plate 5 and 140

Subspecies and distribution:

(i) *daedalus* C. & R. Felder, 1861 – northern, central & southern Philippines, excluding Balabac, Calamian, Palawan, Sulu Archipelago.

(ii) *angustatus* Staudinger, 1888 – Balabac, Calamian, Palawan.

(iii) *selma* Koçak, 1996.

(iv) *nymphodorus* Fruhstorfer (listed in D'Abrera (1982) only) – ?Basilan, Sulu Archipelago.

Recorded hostplants: RUTACEAE: *Clausena excavata*, *Euodia* sp., *Micromelum minutum* (Lime Berry) [PH].

Endemic; common. Not as common as *P. demoleus* or *P. alphenor* though sometimes seen with them. It is very restless and unapproachable when feeding.

030) *Papilio chikae* Igarashi, 1965

LUZON PEACOCK

Not illustrated

Distribution: Luzon, Baguio, Mountain Province (7,000 feet).

Endemic; rare.

031) *Papilio hermeli* Nuyda, 1992

Not illustrated

Distribution: northern Mindoro (Mt. Halcon).

Endemic; very rare.

032) *Papilio polytes* Linnaeus, 1758

COMMON MORMON

Plate 5

Subspecies and distribution:

(i) *pasikrates* Fruhstorfer, 1898 – Batanes.

Recorded hostplants: RUTACEAE: *Aegle marmelos*, *Atalantia monophylla*, *Citrus aurantifolia* (Lime), *C. aurantium*, *C. deliciosa*, *C. hystrix*, *C. japonica* (Kumquat), *C. limon* (Lemon), *C. maxima* (Pomelo), *C. medica*, *C. reticulata*, *C. sinensis*, *Clausena excavata*, *C. lansium*, *Correa* sp., *Euodia gabrifolia*, *E. meliaefolia*, *Glycosmis arborea*, *G. cochinchinensis*, *G. parviflora*, *G. pentaphylla*, *Merope angulata* (Mangrove Lime), *Micromelum minutum*, *Murraya koenigii* (Indian Curry Leaf), *M. paniculata*, *Paramignya andamanica*, *Poncirus trifoliata*, *Severinia buxifolia* (Box-orange), *Toddalia asiatica* (Orange Climber), *Triphasia trifolia*, *Zanthoxylum armatum*, *Z. avicennae*, *Z. cuspidata*, *Z. nitidum*, *Z. ovalifolium*, *Z. rhetsa*.

Uncommon/local. Widespread in Asia but in most of the Philippines it is replaced by *P. alphenor*.

033) *Papilio alphenor* Cramer, [1776]

Plate 5 and 6

Subspecies and distribution:

(i) *ledebouria* (Eschscholtz, 1821) – Philippines generally, excluding Batanes (D'Abrera (1982) treats as a subspecies of *P. polytes*).

Recorded hostplants: RUTACEAE: *Citrus* sp..

Very common. Occurs in Metro Manila. Breeds readily on *Citrus* bushes in gardens as well as rural locations.

034) *Papilio lowi* H. Druce, 1873

GREAT YELLOW MORMON

Plate 6

Distribution: Balabac, Palawan.

Common. Replaces *P. rumanzovia* on Balabac and Palawan.

035) *Papilio rumanzovia* Eschscholtz, 1821

RED MORMON

Plate 6, 140 and 141

Subspecies and distribution:

(i) *rumanzovia* Eschscholtz, 1821 – Philippines excluding central & southern Palawan, Balabac, Tawi-Tawi group.

(ii) *tarawakana* Page & Treadaway, 1995 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: RUTACEAE: *Citrus* sp..

Endemic; common. Will breed on small *Citrus* bushes in gardens.

036) *Papilio luzviae* Schröder & Treadaway, 1991

Not illustrated

Distribution: Marinduque.

Endemic; very rare.

037) *Papilio memnon* (Linnaeus, 1758)

GREAT MORMON

Plate 7

Subspecies and distribution:

(i) *memnon* (Linnaeus, 1758) – Bongao, Sanga Sanga.

Recorded hostplants: RUTACEAE: *Citrus aurantifolia* (Lime), *C. aurantium*, *C. deliciosa*, *C. japonica* (Kumquat), *C. junos*, *C. maxima* (Pomelo), *C. medica*, *C. natsudaoidai*, *C. reticulata*, *C. sinensis*, *C. unshiu* (Satsuma), *Paramignya scandens*, *Poncirus trifoliata*, *Severinia buxifolia* (Box-orange), *Toddalia asiatica* (Orange Climber), *Zanthoxylum ailanthoides*, *Z. nitidum*. MAGNOLIACEAE: *Magnolia champaca* (Champak/Tsampaka), *M. elegans*.

Very rare. Widespread in Asia but in most of the Philippines it is replaced by *P. rumanzovia* or *P. lowi*.

038) *Graphium empedovana* (Corbet, 1941) (D'Abbrera (1982) treats as a subspecies of *G. codrus*)

MALAYAN YELLOWBOTTLE

Not illustrated

Subspecies and distribution:

(i) *empedovana* (Corbet, 1941) Calamian, Palawan.

Recorded hostplant: HERNANDIACEAE: *Hernandia peltata*.

Uncommon/local.

039) *Graphium codrus* (Cramer, [1776])

GREEN-BANDED SWALLOWTAIL

Plate 141

Subspecies and distribution:

(i) *melanthus* (C. & R. Felder, 1862) – Bohol, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Negros, Panay, Samar, Sibutu.

(ii) *yayoeae* Nihira & Kawamura, 1986 – Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: HERNANDIACEAE: *Hernandia peltata*. MALVACEAE: *Thespesia populnea*.

Uncommon/local.

040) *Graphium sarpedon* (Linnaeus, 1758)

COMMON BLUEBOTTLE/BLUE TRIANGLE

Plate 7

Subspecies and distribution:

(i) *sarpedon* (Linnaeus, 1758) – Philippines generally.

Recorded hostplants: ANNONACEAE: *Annona reticulata* (Custard Apple/Atis), *Asimina triloba* (Pawpaw), *Polyalthia longifolia* (Indian Tree). ATHEROSPERMATAEAE: *Doryphora aromatica*. EUPHORBIACEAE: *Macaranga* sp.. LAURACEAE: *Alseodaphne owdeni*, *A. semecarpifolia*, *Cinnamomum camphora* (Camphor Tree), *C. iners* (Wild Cinnamon), *C. japonicum*, *C. micranthum*, *C. oliveri*, *C. osmophloeum*, *C. sieboldii*, *C. zeylanicum*, *Cryptocarya hypsopodia*, *C. triplinervis* (Brown Laurel), *Laurus nobilis*, *Lindera glauca*, *L. lucida*, *L. praecox*, *Litsea glutinosa* (Bollygum/Lawat), *L. japonica*, *L. kostermansii*, *L. reticulata*, *L. salicifolia*, *Neolitsea aciculata*, *N. dealbata*, *N. sericea*, *N. zeylanica*, *Persea japonica*, *P. odoratissima* (Fragrant Bay Tree), *P. thunbergii*, *P. zuihoensis*, *Phoebe formosana*. OCHNACEAE: *Gomphia laurifolia*, *Krukoviella* sp.. RUTACEAE: *Geijera salicifolia*. MAGNOLIACEAE: *Magnolia champaca* (Champak/Tsampaka). MYRTACEAE: *Tristania laurina*. SAPOTACEAE: *Planchonella queenslandica* (Blush Condo).

Common. Occurs in Metro Manila.

041) *Graphium sandawanum* Yamamoto, 1977

APO SWALLOWTAIL

Not illustrated

Subspecies and distribution:

(i) *sandawanum* Yamamoto, 1977 – southern Mindanao (Mt. Apo).

(ii) *joreli* Nuyda, 1994 – northern Mindanao (Mt. Kitanglad).

Endemic; uncommon/local.

042) *Graphium doson* (C. & R. Felder, 1864)

COMMON JAY

Plate 7

Subspecies and distribution:

- (i) *evemonides* Honrath, 1884 – Balabac, Sanga Sanga, Sibutu, Tawi-Tawi.
- (ii) *gyndes* Fruhstorfer, 1907 – Calamian, Palawan.
- (iii) *nauta* Tsukada & Nishiyama, 1980 – Bohol, Cebu, Dinagat, Homonhon, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Negros, Panay, Panaon, Samar, Siargao, Sibutu, Siquijor, Tablas, Ticao.
- (iv) *postianus* Fruhstorfer, 1902 – Batanes.

Recorded hostplants: ANNONACEAE: *Annona muricata* (Soursop/Guyabano), *A. squamosa* (Sugar Apple), *Desmos chinensis* (Dwarf Ylang Ylang), *D. cochinchinensis*, *Miliusa tomentosa*, *Polyalthia longifolia* (Indian Tree), *Uvaria microcarpa*. APOCYNACEAE: *Hunteria zeylanica*. CALOPHYLLACEAE: *Mesua ferrea* (Kaliuas/Ceylon Ironwood). LAURACEAE: *Cinnamomum camphora* (Cinnamon/Camphor Laurel), *Litsea salicifolia*. MAGNOLIACEAE: *Magnolia alba* (White Champaca), *M. champaca* (Champak/Tsampaka), *M. coco* (Coconut Magnolia), *M. compressa*, *M. figo*, *M. grandiflora* (Southern Magnolia), *M. oblonga*.

Common.

043) *Graphium eurypylus* (Linnaeus, 1758)

GREAT JAY/PALE GREEN TRIANGLE

Plate 7 and 141

Subspecies and distribution:

- (i) *gordion* (C. & R. Felder, 1864) – Philippines excluding Balabac & Palawan.
- (ii) *mecisteus* Distant, 1885 – Balabac, Palawan.

Recorded hostplants: ANNONACEAE: *Annona glabra*, *A. muricata* (Soursop/Guyabano), *A. reticulata* (Custard Apple/Atis), *Artabotrys speciosus*, *Desmos goezeanus*, *Goniothalamus macranthus*, *Meiogyne bidwillii*, *Melodorum leichhardtii* (Zig-zag Vine), *M. siamensis*, *Polyalthia longifolia* (Indian Tree), *P. nitidissima*, *Pseuduvaria froggattii*, *Uvaria curtisii*. LAURACEAE: *Cinnamomum camphora* (Camphor Laurel). MAGNOLIACEAE: *Magnolia champaca*.

Uncommon/local.

044) *Graphium arycles* (Boisduval, 1836)

SPOTTED JAY

Plate 7 and 141

Subspecies and distribution:

(i) *perinthus* Fruhstorfer, 1915 – Palawan.

Uncommon/local.

045) *Graphium bathycles* (Zinken, 1831)

VEINED JAY/STRIPED JAY

Plate 8 and 141

Subspecies and distribution:

(i) *bathycloides* Honrath, 1884 – Palawan.

Uncommon/local.

046) *Graphium agamemnon* (Linnaeus, 1758)

TAILED JAY/GREEN SPOTTED TRIANGLE

Plate 8

Subspecies and distribution:

(i) *agamemnon* (Linnaeus, 1758) – Philippines generally.

Recorded hostplants: ANNONACEAE: *Anaxagorea luzonensis*, *Annona cherimola*, *A. glabra*, *A. muricata* (Soursop/Guyabano), *A. reticulata* (Custard Apple/Atis), *Artabotrys hexapetalus*, *A. siamensis*, *A. speciosus*, *Desmos chinensis* (Dwarf Ylang-ylang), *D. cochinchinensis*, *Friesodielsia* sp., *Goniothalamus amuyon*, *G. macranthus*, *Guatteria* sp., *Melodorum fruticosum* (White Cheesewood), *M. siamense*, *M. uhrii*, *Polyalthia longifolia* (Indian Tree), *Pseuduvaria froggattii*, *Saccopetalum* sp., *Uvaria microcarpa*, *Xylopiac maccraei*.

DIOSCOREACEAE: *Dioscorea hispida*. FABACEAE: *Cassia bakeriana* (Pink Cassia, Wishing Tree), *C. fistula* (Tropical Golden Shower). LAURACEAE: *Cinnamomum* sp.. MAGNOLIACEAE: *Magnolia alba* (White Champaca), *M. champaca* (Champak/Tsampaka), *M. compressa*, *M. fuscata*, *M. grandiflora*, *M. siamensis*. MALVACEAE: *Durio zibethinus* (Durian). PIPERACEAE: *Piper betle* (Betel). RUTACEAE: *Citrus maxima* (Pomelo).

Very common. Occurs in Metro Manila. Can be seen in most habitats including urban areas.

047) *Graphium aristeus* (Cramer, [1775])

CHAIN SWORDTAIL

Plate 8 and 141

Subspecies and distribution:

(i) *hermocrates* (C. & R. Felder, 1864) – Philippines generally.

Recorded hostplant: ANNONACEAE: *Pseuduvaria froggattii*.

Uncommon/local.

048) *Graphium decolor* (Staudinger, 1888) (D'Abrera (1982) treats as a subspecies of *G. euphrates*)

Plate 8 and 142

Subspecies and distribution:

(i) *decolor* (Staudinger, 1888) – Balabac, Calamian, Palawan, Sibutu, Tawi-Tawi.

(ii) *atratus* Rothschild, 1895 – Mindoro.

(iii) *neozebraica* Page, 1987 – Bohol, Leyte, Luzon, Marinduque, Masbate, Negros, Panay, Samar, Ticao.

(iv) *sibuyana* Page, 1987 – Sibuyan.

(v) *tigris* Semper, 1893 – Dinagat, Mindanao.

Uncommon/local.

049) *Graphium euphrates* (C. & R. Felder, 1862)

EUPHRATES SWORDTAIL

Plate 9 and 142

Subspecies and distribution:

(i) *euphrates* (C. & R. Felder, 1862) – Leyte, Luzon, Marinduque, Mindoro, Mindanao, Samar.

(ii) *boholensis* Page, 1987 – Bohol.

(iii) *buhisanus* Page, 1987 – Cebu.

(iv) *cuyoensis* Medicielo & Hanafusa, 1994 – Cuyo.

(v) *domaranus* Fruhstorfer, 1903 – Calamian, Dumarán, Palawan.

(vi) *nisus* Jordan (listed in D'Abrera (1982) only) – northern Luzon.

Common.

050) *Graphium euphratoides* Eimer (D'Abrera (1982) treats as a subspecies of *G. euphrates*)

Plate 142

Distribution: central, southern & eastern Mindanao.

Endemic; very rare.

051) *Graphium macareus* (Godart, 1819)

LESSER ZEBRA

Plate 9 and 142

Subspecies and distribution:

(i) *palawanicola* Koçak, 1980 – Palawan (D’Abrera (1982) gives Palawan subspecies as *maccabeus* Staudinger).

Uncommon/local.

052) *Graphium megaera* (Staudinger, 1888)

Plate 9

Distribution: Balabac, Palawan.

Endemic; uncommon/local.

053) *Graphium ebortorum* Koçak, 1983 (This taxon was included in the list produced by the Holdings of the CESA in 2000; it is not listed in Treadaway (1995). It is understood to be a synonym of *G. megaera*)

Not illustrated

054) *Graphium stratocles* (C. & R. Felder, 1861)

Plate 9 and 142

Subspecies and distribution:

(i) *stratocles* (C. & R. Felder, 1861) – Calamian, Palawan.

(ii) *senectus* Tsukada & Nishiyama, 1980 – Luzon, Marinduque.

(iii) *stratonices* Jordan, 1909 – Mindanao – Bohol, Dinagat, Leyte, Panaon, Samar.

Endemic; uncommon/local.

055) *Graphium delessertii* (Guérin-Ménéville, 1839)

MALAYAN ZEBRA

Plate 9 and 142

Subspecies and distribution:

(i) *palawanus* (Staudinger, 1889) – Palawan.

Uncommon/local.

056) *Graphium idaeoides* Hewitson, 1855

Plate 142

Distribution: Leyte, north-eastern & southern Luzon, central/eastern Mindanao, northern Samar.

Endemic; uncommon/local.

057) *Lamproptera curius* (Fabricius, 1787)

WHITE DRAGONTAIL

Plate 9 and 10

Subspecies and distribution:

(i) *curius* (Fabricius, 1787) – Palawan.

Recorded hostplants: HERNANDIACEAE: *Illigera celebica*, *I. cordata*.

Uncommon/local.

058) *Lamproptera meges* (Zinken, 1831)

GREEN DRAGONTAIL

Plate 10

Subspecies and distribution:

(i) *decius* C. & R. Felder, 1862 – Philippines generally, excluding Balabac, Bongao, Dumaran, Palawan, Sanga Sanga, Sibutu, Tawi-Tawi.

(ii) *pessimus* Fruhstorfer, 1909 – Balabac, Dumaran, Palawan, Tawi-Tawi.

Recorded hostplants: HERNANDIACEAE: *Illigera burmanica*, *I. cordata*, *I. luzonensis*.

Common. Will take nectar from low-growing plants and is usually fairly approachable.

Pieridae

Subfamily Coliadinae

059) *Catopsilia pyranthe* (Linnaeus, 1758)

MOTTLED EMIGRANT

Plate 10 and 142

Subspecies and distribution:

(i) *pyranthe* (Linnaeus, 1758) – Philippines generally.

Recorded hostplants: ARACEAE: ?*Colocasia esculenta* (Gab/Taro). FABACEAE: *Cassia bakeriana*, *C. fistula* (Tropical Golden-shower/Cana pistula), *C. javanica* (Apple-blossom Cassia, Palawan Cherry), *Crotalaria* sp., *Ormocarpum cochinchinense*, *Falcataria moluccana* (Moluccan Sau/Falcata), *Senna alata* (Seven Golden Candlesticks), *S. alexandrina*, *S. auriculata* (Avaram Senna), *S. garrettiana*, *S. obtusifolia* (Coffee-weed), *S. occidentalis* (Antbush/Coffee-senna), *S. siamea* (Kassod Tree, Siamese Cassia), *S. sophera*, *S. sulfurea*, *Sesbania bispinosa* (Canicha/Prickly Sesban), *S. grandiflora* (Hummingbird Tree), *S. sesban* (Egyptian Riverhemp).

Very common. Occurs in Metro Manila. The three *Catopsilia* species are highly mobile and are likely to be seen almost anywhere including in urban areas.

060) *Catopsilia pomona* (Fabricius, 1775)

LEMON EMIGRANT

Plate 10 and 11

Subspecies and distribution:

(i) *pomona* (Fabricius, 1775) – Philippines generally.

Recorded hostplants: FABACEAE: *Bauhinia racemosa* (Bidi Leaf Tree), *Brownea* sp., *Butea monosperma* (Flame of the Forest), *Cassia bakeriana*, *C. coronilloides*, *C. fistula*, *C. grandis* [PH], *C. javanica*, *C. roxburghii*, *Pterocarpus indicus* (Narra), *Senna alata*, *S. alexandrina* (Alexandrian Senna), *S. didymobotrya* (Candelabra Tree, Peanut-butter Cassia), *S. garrettiana*, *S. multijuga* (False Sicklepod), *S. obtusifolia*, *S. odorata* (Fragrant Senna), *S. pleurocarpa* (Stripe-pod Cassia), *S. siamea*, *S. sophera*, *S. surattensis* (Glossy Shower), *Sesbania javanica*.

Very common. Occurs in Metro Manila.

061) *Catopsilia scylla* (Linnaeus, 1763)

ORANGE EMIGRANT

Plate 11

Subspecies and distribution:

(i) *cornelia* (Fabricius, 1787) – Balabac, Bongao, Luzon, Marinduque, Mindoro, Palawan, Sanga Sanga, Tawi-Tawi.

(ii) *asema* Staudinger, 1885 – Bohol, Cebu, Dinagat, Guimaras, Leyte, Masbate, Mindanao, Negros, Panay, Panaon, Samar.

Recorded hostplants: FABACEAE: *Cassia fistula*, *C. obtusifolia*, *Senna alata*, *S. bicapsularis* (Rambling Senna/Christmasbush), *S. occidentalis*, *S. siamea*, *S. sophera*, *S. spectabilis*, *S. surattensis* (Glossy Shower), *S. tora* (Sickle Wild Sensitive-plant) [PH], *Tephrosia candida* (White Hoarypea).

Very common. Occurs in Metro Manila.

062) *Gandaca harina* (Horsfield, [1829])

TREE YELLOW

Plate 11 and 143

Subspecies and distribution:

(i) *palawanica* Fruhstorfer, 1910 – Calamian, Palawan.

(ii) *elis* Fruhstorfer, 1910 – Sibutu.

(iii) *gardineri* Fruhstorfer, 1910 – Basilan, Bongao, Jolo, Sanga Sanga, Tawi-Tawi.

(iv) *mindanaensis* Fruhstorfer, 1910 – Philippines excluding Basilan, Calamian, Palawan, Sulu Archipelago.

Recorded hostplants: RHAMNACEAE: *Ventilago madraspatana*, *V. maingayi*, *V. malaccensis*, *V. oblongifolia* [PH].

Common.

063) *Eurema brigitta* (Stoll, 1780)

SMALL GRASS YELLOW/NO-BRAND GRASS YELLOW

Plate 11

Subspecies and distribution:

(i) *baguioensis* Schröder, Treadaway & Nuyda, 1990 – northern Luzon.

(ii) *sachikoi* Tsukada & Nishiyama, 1990 – northern Minoro.

(iii) *roberto* Schröder, Treadaway & Nuyda, 1990 – northern Mindanao.

(iv) *siquijorana* Schröder, Treadaway & Nuyda, 1990 – Siquijor.

Recorded hostplants: FABACEAE: *Adenanthera* sp., *Cassia kleinii*, *Chamaecrista mimosoides*, *Desmodium triflorum*, *Pithecellobium* sp. (Camachile), *Senna multijuga* (False Sicklepod), *S. siamea* (Kassod Tree, Siamese Cassia).

Uncommon/local.

064) *Eurema laeta* (Boisduval, 1836)

SPOTLESS GRASS YELLOW

Plate 11 and 12

Subspecies and distribution:

(i) *semperi* Moore, 1906 – northern Luzon, Benguet Mountains.

Uncommon/local.

065) *Eurema hecabe* (Linnaeus, 1758)

COMMON GRASS YELLOW

Plate 12 and 149

Subspecies and distribution:

(i) *hecabe* (Linnaeus, 1758) – Balabac, Calamian, northern Luzon, Palawan.

(ii) *sintica* Fruhstorfer, 1910 – Mindoro.

(iii) *tamiathis* Fruhstorfer, 1910 – Philippines excluding Balabac, Calamian, northern Luzon, Mindoro, Palawan.

Recorded hostplants: APOCYNACEAE: ?*Alstonia scholaris*. CUCURBITACEAE: ?*Bryonia* sp.. FABACEAE: *Abrus precatorius* (Crab's Eye), *Acacia baileyana*, *A. falcata* (Sickle Wattle), *A. farnesiana*, *A. mangium*, *A. mearnsii*, *A. sinuata*, *Aeschynomene americana* (Thornless Mimosa) [PH], *A. indica* (Indian Jointvetch), *Albizia chinensis*, *A. julibrissin* (Persian Silk Tree), *A. lebeck*, *A. lebeckoides*, *A. procera*, *Arachis hypogaea* (Peanut), *Archidendron clypearia*, *A. bigeminum*, *Caesalpinia bonduc* (Grey Nicker), *C. decapetala*, *C. pulcherrima* (Peacock Flower), *Cassia bakeriana*, *C. coronilloides*, *C. fistula* (Tropical Golden Shower), *Chamaecrista mimosoides*, *Collaea argentina*, *Delonix regia* (Royal Poinciana/Flamboyant), *Entada gigas* (Monkey-ladder/Sea Bean), *Falcataria moluccana* (Moluccan Sau/Falcata), *Gleditsia fera*, *G. japonica* (Japanese Honey Locust), *Indigofera bungeana*, *Kummerowia striata*, *Lespedeza bicolor*, *L. buergeri*, *L. cuneata*, *L. cyrtobotrya*, *L. juncea*, *L. thunbergii*, *L. virgata*, *Leucaena gar* [PH], *L. leucocephala*, *Medicago* sp., *Mimosa* sp., *Moullava* sp., *Ormocarpum cochinchinense*, *Ormosia sumatrana*, *Parkia* sp., *Pithecellobium dulce* (Madras Thorn/Camachile), *Pterocarpus indicus* (Narra), *Robinia pseudoacacia* (False Acacia/Black Locust), *Sengalia catechu* (Catechu), *Senna alata* (Seven Golden Candlesticks), *S. obtusifolia* (Coffee-weed), *S. siamea* (Kassod Tree, Siamese Cassia), *S. surattensis* (Glossy Shower), *Sesbania bispinosa* (Canicha/Prickly Sesban), *S. cannabina*, *S. cochinchinensis*, *S. garrettiana*, *S. grandiflora* (Hummingbird Tree), *S. roxburghii*, *S. sesban* (Egyptian Riverhemp), *S. speciosa*, *Smithia sensitiva*, *Trigonella foenum-graecum* (Fenugreek). HYPERICACEAE: *Cratoxylum cochinchinense* (Yellow Cow Wood), *C. formosum* (Pink Mempat). LAMIACEAE: *Tectona grandis* (Teak).

PHYLLANTHACEAE: *Breynia cernua*, *B. disticha*, *B. fruticosa*, *B. oblongifolia*, *B. vitis-idaea* [PH], *Cleistanthus monoicus*, *Phyllanthus reticulatus*, *P. tenellus*.
RHAMNACEAE: *Berchemia lineata*, *Rhamnus davurica*, *R. japonica* (Japanese Buckthorn), *R. parvifolia*, *Sageretia theezans* (Mock Buckthorn/Sweet-plum), *Ventilago madraspatana*. SANTALACEAE: *Santalum album* (Indian Sandalwood).
THEACEAE: *Camellia sinensis*.

Very common. Occurs in Metro Manila. This is by far the commonest of the “Grass Yellows” and is tolerant of a wide range of habitats, including urban areas, flying low down amongst vegetation.

066) *Eurema blanda* (Boisduval, 1836)

THREE-SPOT GRASS YELLOW

Plate 12

Subspecies and distribution:

- (i) *visellia* Fruhstorfer, 1910 – Luzon, Mindoro.
- (ii) *mensia* Fruhstorfer, 1910 – Bohol, Cebu, Leyte, Negros, Panaon, Samar.
- (iii) *vallivolans* Butler, 1863 – Basilan, Bongao, Calamian, Dinagat, Mindanao, Palawan, Sibutu, Tawi-Tawi.

Recorded hostplants: APOCYNACEAE: ?*Alstonia scholaris*. FABACEAE: *Acacia confusa* (Small Philippine Acacia) [PH], *A. decurrens*, *A. mangium*, *Acrocarpus fraxinifolius* (Pink Cedar), *Albizia chinensis*, *A. julibrissin* (Persian Silk Tree), *A. lebeck*, *A. odoratissima*, *A. saponaria* (White-flowered Albizia), *Archidendron bigeminum*, *Caesalpinia bonduc* (Grey Nicker), *C. crista*, *C. globulorum*, *C. major*, *C. regia*, *Cassia fistula* (Tropical Golden Shower), *C. nodosa*, *Delonix regia* (Royal Poinciana/Flamboyant), *Falcataria moluccana* (Moluccan Sau/Falcata), *Gleditsia fera*, *Gliricidia sepium* (Quickstick/Kakawate), *Moullava spicata*, *Ormosia sumatrana*, *Pithecellobium dulce* (Madras Thorn/Camachile), *P. lucidum*, *Senna alata* (Seven Golden Candlesticks) [PH], *S. surattensis* (Glossy Shower), *S. siamea* (Kassod Tree, Siamese Cassia), *Sesbania bispinosa* (Canicha/Prickly Sesban), *S. grandiflora* (Hummingbird Tree), *Xylia xylocarpa*. THEACEAE: *Camellia sinensis*.

Common.

067) *Eurema simulatrix* (Semper, 1891)

DE NICÉVILLE'S GRASS YELLOW/HILL GRASS YELLOW

Plate 12

Subspecies and distribution:

- (i) *simulatrix* (Semper, 1891) – Bohol, Leyte, Mindanao, Panaon, Samar.

(ii) *princesae* Morishita, 1973 – Palawan.

Uncommon/local.

068) *Eurema andersonii* (Moore, 1886)

ANDERSON'S GRASS YELLOW

Not illustrated

Subspecies and distribution:

(i) *konoyi* Morishita (listed in D'Abbrera (1982) only) – Palawan.

(ii) *prabha* Fruhstorfer, 1910 (D'Abbrera (1982) treats as a subspecies of *E. ada*) – Palawan.

Recorded hostplants: FABACEAE: *Senna bicapsularis* (Rambling Senna/Christmasbush), *S. garrettiana*, *S. surattensis* (Glossy Shower), *Ventilago elegans*, *V. leiocarpa*, *V. maingayi*, *V. malaccensis*. Various RHAMNACEAE.

Uncommon/local.

069) *Eurema hiurai* Shirozu & Yata, 1977

Not illustrated

Subspecies and distribution:

(i) *hiurai* Shirozu & Yata, 1977 – Mindanao.

(ii) *admiranda* Morishita, 1981 – Luzon.

Endemic; rare.

070) *Eurema sari* (Horsfield, [1829])

CHOCOLATE GRASS YELLOW

Plate 12

Subspecies and distribution:

(i) *obucola* Fruhstorfer, 1910 – Balabac, Palawan.

Recorded hostplants: FABACEAE: *Archidendron pauciflorum* (Greater Grasshopper Tree/Petai Belalang), *Pithecellobium dulce* (Madras Thorn/Camachile), *Senna siamea* (Kassod Tree, Siamese Cassia).

Uncommon/local.

071) *Eurema sarilata* (Semper, 1891)

Plate 12 and 143

Subspecies and distribution:

(i) *sarilata* (Semper, 1891) – Dinagat, Leyte, Mindanao, Panaon, Samar.

(ii) *boholensis* M. & T. Okano, 1990 – Bohol.

- (iii) *aquila* Shirozu & Yata, 1982 – Cebu, Luzon, Marinduque.
- (iv) *dayani* Schröder, Treadaway & Nuyda, 1990 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.
- (v) *mindorana* Butler, 1898 – Mindoro.
- (vi) *perplexa* Shirozu & Yata, 1982 – Basilan.
- (vii) *risa* Morishita, 1981 – Masbate, Negros, Panay.
- (viii) *rosario* Schröder, Treadaway & Nuyda, 1990 – Homonhon.
- (ix) *sibuyanensis* Yata & Treadaway, 1982 – Sibuyan.
- (x) *bazilana* Shirozu & Yata (listed in D’Abrera (1982) only) – Basilan.
- (xi) *luzonensis* Shirozu & Yata (listed in D’Abrera (1982) only) – Luzon.

Recorded hostplant: FABACEAE: *Ventilago oblongifolia* [PH].

Endemic; locally common. Flies low amongst forest vegetation.

072) *Eurema lacteola* (Distant, 1886)

SCARCE GRASS YELLOW

Plate 149

Subspecies and distribution:

- (i) *lacteola* (Distant, 1886) – Sibutu.

Rare.

073) *Eurema alitha* (C. & R. Felder, 1862)

SCALLOPED GRASS YELLOW

Plate 13

Subspecies and distribution:

- (i) *alitha* (C. & R. Felder, 1862) – Mindanao.
- (ii) *bazilana* Fruhstorfer, 1900 – Basilan.
- (iii) *esakai* Shirozu, 1953 – Batanes.
- (iv) *garاما* Fruhstorfer, 1910 – Bongao, Jolo, Sanga Sanga, Sibutu, Tawi-Tawi.
- (v) *jalendra* Fruhstorfer, 1910 – Balabac, Bohol, Calamian, Cebu, Dumaran, Luzon, Marinduque, Mindoro, Palawan.
- (vi) *leytensis* Fruhstorfer, 1910 – Camotes, Leyte.
- (vii) *samarana* Fruhstorfer, 1910 – Samar.

Recorded hostplants: FABACEAE: *Albizia saponaria* [PH], *Entada* sp. [PH], *Ormocarpum cochinchinense* [PH], *Pithecellobium dulce* (Madras Thorn/Camachile) [PH], *Senna alata* (Seven Golden Candlesticks) [PH], *S. ructicosa* [PH], *S. obtusifolia* (Coffee-weed) [PH], *S. spectabilis* [PH], *S. surattensis* (Glossy Shower) [PH], *S. tora* (Sickle Wild Sensitive-plant) [PH].

Uncommon/local.

Subfamily Pierinae

074) *Delias singhapura* (Wallace, 1867)

LION JEZEBEL

Plate 13 and 149

Subspecies and distribution:

(i) *yusukei* Nakano, 1988 – Palawan.

Rare.

075) *Delias themis* (Hewitson, 1861)

Plate 13

Subspecies and distribution:

(i) *themis* (Hewitson, 1861) – Bohol, Cebu, Mindanao, Samar.

(ii) *kawamurai* Nakano, 1993 – Mindoro.

(iii) *mihoae* Nakano, 1993 – Negros.

(iv) *soteira* Fruhstorfer, 1910 – Luzon, Marinduque, Polillo.

(v) *yuii* Nakano, 1993 – Masbate, Panaon.

Endemic; uncommon/local.

076) *Delias baracasa* Semper, 1890

COMMON YELLOW JEZEBEL

Plate 13

Subspecies and distribution:

(i) *baracasa* Semper, 1890 – Mindanao.

(ii) *benguetana* Inomata, 1979 – northern Luzon.

Recorded hostplants: LORANTHACEAE (unspecified).

Uncommon/local.

077) *Delias nuydaorum* Schröder, 1975

Not illustrated

Distribution: northern Mindanao.

Endemic; rare.

078) *Delias paoaiensis* Nihira & Kawamura, 1987

Not illustrated

Distribution: northern Luzon.

Endemic; rare.

079) *Delias hyparete* (Linnaeus, 1758)

PAINTED JEZEBEL

Plate 13

Subspecies and distribution:

(i) *luzonensis* C. & R. Felder, 1862 – Bohol, Cebu, Leyte, Luzon, Marinduque, Mindoro, Negros, Panay, Panaon, Polillo, Samar, Sibuyan.

(ii) *domorana* Fruhstorfer, 1911 – Dumarán.

(iii) *mindanaensis* Mitis, 1893 – Dinagat, Mindanao.

(iv) *palawanica* Staudinger, 1889 – Calamian, Palawan.

(v) *lucina* Distant & Pryer, 1887 – Mapun (formerly Cagayan Sulu), Jolo.

(vi) *melville* Yagashita, 1993 – Balabac.

(vii) *panayensis* Rothschild (listed in D’Abrera (1982) only) – Panay.

(viii) unnamed ssp. (listed in D’Abrera (1982) only) – Mindanao (Mt. Apo).

Recorded hostplants: ANACARDIACEAE: ?*Mangifera indica* (Mango).

ANNONACEAE: *Annona muricata* (Soursop/Guyabano), ?*A. squamosa* (Sugar

Apple). BALSAMINACEAE: ?*Impatiens* sp.. LORANTHACEAE: *Dendrophthoe falcata*,

D. glabrescens, *D. pentandra*, *Macrosolen cochinchinensis*, *Scurrula ferruginea*, *S.*

parasitica, *Taxillus limprichtii*, *T. sutchuenensis*. OXALIDACEAE: ?*Averrhoa bilimbi*.

SAPINDACEAE: ?*Nephelium lappaceum* (Rambutan). SANTALACEAE: *Santalum album*

(Indian Sandalwood), *Viscum calcaratum* (a mistletoe). MALVACEAE: ?*Theobroma*

cacao (Cocoa Tree).

Common. *Delias* species tend to fly at medium height, among trees, but are sometimes approachable when taking flower nectar.

080) *Delias woodi* Talbot, 1928

Not illustrated

Subspecies and distribution:

(i) *woodi* Talbot, 1928 – southern Mindanao (Mt. Apo).

(ii) *colini* Schröder, 1977 northern/north-eastern Mindanao.

(iii) *tholi* Schröder & Treadaway, 1984 – southern Mindanao (Mt. Parker).

Endemic; uncommon/local.

081) *Delias blanca* C. & R. Felder, 1862

Plate 13

Subspecies and distribution:

- (i) *blanca* C. & R. Felder, 1862 – north-east Luzon.
- (ii) *apameia* Fruhstorfer, 1910 – Mindanao.
- (iii) *capcoi* Jumalon, 1975 – Negros.
- (iv) *uichancoi* Jumalon, 1975 – Bohol.

Rare.

082) *Delias pasithoe* (Linnaeus, 1767)

RED-BASE JEZEBEL

Plate 149

Subspecies and distribution:

- (i) *balabaca* Fruhstorfer, 1911 – Balabac.
- (ii) *mera* Talbot, 1928 – Luzon, Mindanao.
- (iii) *pandecta* Staudinger, 1889 – Palawan.

Recorded hostplants: LORANTHACEAE: *Dendrophthoe glabrescens*, *D. pentandra*, *Scurrula parasitica*, *Taxillus chinensis*, *T. limprichtii*, *T. nigrans*, *T. sutchuenensi*. RUBIACEAE: ?*Mitragyna rotundifolia*. SANTALACEAE: *Dendrotrophe frutescens*, *Santalum album* (Indian Sandalwood). THEACEAE: *Camellia sinensis*.

Uncommon/local.

083) *Delias hidecoae* Nakano, 1993

Not illustrated

Distribution: Mindoro (Mt. Halcon).

Endemic; rare.

084) *Delias henningia* (Eschscholtz, 1821)

Plate 13 and 14

Subspecies and distribution:

- (i) *henningia* (Eschscholtz, 1821) – Cebu, Leyte, Luzon, Marinduque, Masbate, Mindoro, Negros, Panay, Samar.
- (ii) *ochreopicta* Butler, 1869 – Mindanao, Panaon.
- (iii) *camotana* Fruhstorfer, 1910 – Camotes.
- (iv) *pandemia* Wallace, 1867 – Calamian, Palawan.
- (v) *romblonensis* Nakano & Yagashita, 1993 – Romblon, Sibuyan.
- (vi) *voconia* Fruhstorfer, 1910 – Bohol.

Recorded hostplants: LORANTHACEAE: *Helixanthera parasitica* [PH], *Scurrula atropurpurea* [PH].

Common.

085) *Delias ottonia* Semper, 1890 (D'Abrera (1982) treats as a subspecies of *D. henningia*)

Not illustrated

Distribution: south-eastern Mindanao.

Endemic; uncommon/local.

086) *Delias mandaya* Yamamoto & Takei, 1982

Not illustrated

Distribution: eastern Mindanao.

Endemic; rare.

087) *Delias levicki* Rothschild, 1927

Not illustrated

Subspecies and distribution:

(i) *levicki* Rothschild, 1927 – southern Mindanao (Mt. Apo).

(ii) *borromeoi* Schröder & Treadaway, 1984 – south-eastern Mindanao (Mt. Parker).

(iii) *justini* Samusawa & Kawamura, 1988 – northern Mindanao (Mt. Kitanglad).

Endemic; uncommon/local.

088) *Delias apoensis* Talbot, 1928 (D'Abrera (1982) treats as a subspecies of *D. levicki*)

Not illustrated

Subspecies and distribution:

(i) *apoensis* Talbot, 1928 – southern Mindanao (Mt. Apo).

(ii) *maizurui* Yagashita & Nakano, 1993 – northern Mindanao (Mt. Kitanglad).

Endemic; uncommon/local.

089) *Delias ganymedes* Okumoto, 1981 (D'Abrera (1982) treats as a subspecies of *D. georgina*)

Not illustrated

Subspecies and distribution:

(i) *ganymedes* Okumoto, 1981 – northern Negros.

(ii) *filarorum* Nihira & Kawamura, 1988 – western Panay.

(iii) *halconensis* Nakano & Yagashita, 1993 – northern Mindoro (Mt. Halcon).

Endemic; uncommon/local.

090) *Delias georgina* (C. & R. Felder, 1861)

Not illustrated

Subspecies and distribution:

(i) *georgina* (C. & R. Felder, 1861) – northern Luzon.

Uncommon/local.

091) *Delias schoenigi* Schröder, 1975 (D'Abbrera (1982) treats as a subspecies of *D. georgina*)

Not illustrated

Subspecies and distribution:

- (i) *schoenigi* Schröder, 1975 – southern Mindanao (Mt. Apo).
- (ii) *hermeli* Samusawa & Kawamura, 1988 – northern Mindanao (Mt. Kitanglad).
- (iii) *malindangeana* Nakano & Yagashita, 1993 – north-western Mindanao (Mt. Malindang).
- (iv) *pasiana* Yagashita, 1993 – eastern Mindanao (Mt. Pasian).

Endemic; rare.

092) *Delias diaphana* Semper, 1878

Plate 14

Subspecies and distribution:

- (i) *diaphana* Semper, 1878 – northern, southern & central Mindanao.
- (ii) *basilisae* Schröder & Treadaway, 1983 – north-western Mindanao.
- (iii) *morishitai* Nakano, 1993 – eastern Mindanao (Mt. Pasian).
- (iv) *sakagutii* Tsukada & Nishiyama, 1980 – south-eastern Mindanao.
- (v) *yatai* Nakano, 1993 – eastern Mindanao (Tandag).

Endemic; uncommon/local.

093) *Pieris canidia* (Linnaeus, 1768)

INDIAN CABBAGE WHITE

Plate 14

Subspecies and distribution:

- (i) *canidia* (Linnaeus, 1768) – northern Luzon.

Recorded hostplants: CLEOMACEAE: *Cleome gynandra* (Shona cabbage), *C. spinosa*. BRASSICACEAE: *Brassica juncea* (Mustard Greens), *B. oleracea* (Cabbage), *B. rapa* (Turnip/Field Mustard), *Cardamine flexuosa* (Wavy Bittercress), *C. scutata*, *Raphanus sativus* (Radish), *Rorippa dubia*, *R. indica* (Variable-leaf Yellowcress), *Nasturtium microphyllum* (One-row Yellowcress). TROPAEOLACEAE: *Tropaeolum majus* (Nasturtium).

Locally common. This is an adventive species, breeding largely on non-native and cultivated plants. It is numerous in city parks in Baguio, breeding on nasturtiums.

094) *Leptosia nina* (Fabricius, 1793)

PSYCHE

Plate 14 and 15

Subspecies and distribution:

(i) *terentia* Fruhstorfer, 1910 – Basilan, Calamian, Cebu, Cuyo, Mindoro, Mindanao, Palawan, Panay.

(ii) *georgi* Fruhstorfer, 1910 – Luzon.

(iii) *asukae* Nihira & Kawamura, 1986 – Jolo.

(iv) *malayana* Fruhstorfer, 1910 – Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: CAPPARACEAE: *Capparis baducca*, *C. heydeana*, *C. lanceolaris*, *C. sicula*, *C. sikkimensis*, *C. spinosa* (Caper), *C. tomentosa* (Woolly Caper Bush), *C. zeylanica* [PH], *Crateva adansonii*, *C. religiosa* (Sacred Garlic Pear/Salingbobog). CLEOMACEAE: *Cleome gynandra*, *C. rutidosperma* (Purple Cleome/Fringed Spiderflower) [PH], *C. viscosa* (Asian Spiderflower). RHAMNACEAE: *Rhamnus parvifolia*.

Very common. Occurs in Metro Manila. This species flies slowly low down amongst vegetation; it is tolerant of a wide range of habitats and can be seen almost anywhere in suburban as well as rural areas.

095) *Cepora boisduvaliana* (C. & R. Felder, 1862)

Plate 15

Subspecies and distribution:

(i) *boisduvaliana* (C. & R. Felder, 1862) – Luzon, Marinduque, Masbate, Mindoro, Panay.

(ii) *balbagona* Semper, 1890 – Camiguin de Mindanao.

(iii) *cebuensis* Schröder, 1977 – Cebu.

(iv) *cirta* Fruhstorfer, 1910 – Bohol.

(v) *leytensis* M. & T. Okano, 1991 – Leyte.

(vi) *negrosensis* M. & T. Okano, 1991 – Negros.

(vii) *semperi* Staudinger, 1890 – Basilan, Mindanao, Samar, Ticao.

(viii) *sibuyanensis* Schröder, 1977 – Sibuyan.

Recorded hostplants: CAPPARACEAE: *Capparis micracantha* (Tinikan) [PH], *C. zeylanica* [PH].

Endemic; locally common. A forest species.

096) *Cepora aspasia* (Stoll) – (D'Abrera (1982) treats as a subspecies of *C. iudith*, the ORANGE GULL)

Plate 15

Subspecies and distribution:

- (i) *olga* Eschscholtz, 1821 – central to southern Luzon.
- (ii) *anaitis* Fruhstorfer, 1910 – north-western Luzon.
- (iii) *fulcinea* Fruhstorfer, 1911 – Polillo.
- (iv) *irma* Fruhstorfer, 1910 – Bongao, Jolo, Sanga Sanga, Siasi, Tawi-Tawi.
- (v) *olgina* (Staudinger, 1889) – Calamian, Palawan.
- (vi) *orantia* Fruhstorfer, 1910 – Bohol, Leyte, Mindanao.
- (vii) *phokaia* Fruhstorfer, 1910 – Balabac.
- (viii) *poetelia* Fruhstorfer – Camiguin de Mindanao.
- (ix) *rhemia* Fruhstorfer, 1910 – Masbate, Mindoro, Negros, Panay, Sibuyan.
- (x) *tolmida* Fruhstorfer, 1911 – Cebu, Camotes.
- (xi) *zisca* Fruhstorfer, 1899 – Basilan.

Recorded hostplants: CAPPARACEAE: *Capparis lanceolaris*, *C. micracantha*, *C. sicula*, *C. pubiflora*.

Common. In rural as well as forest habitats; takes nectar from low-growing flowering plants/shrubs.

097) *Appias olferna* Swinhoe, 1890 (D'Abbrera (1982) treats as a subspecies of *A. libythea*)

EASTERN STRIPED ALBATROSS

Plate 16

Subspecies and distribution:

- (i) *peducea* Fruhstorfer, 1910 – Bohol, Cebu, Jolo, Luzon, Marinduque, Mindoro, Mindanao, Negros, Palawan.

Recorded hostplants: CAPPARACEAE: *Capparis sepiaria*, *C. zeylanica*, *Crateva adansonii*, *C. religiosa*. CLEOMACEAE: *Cleome rutidosperma* (Purple Cleome/Fringed Spiderflower) [PH], *C. viscosa* (Asian Spiderflower).

Very common. Occurs in Metro Manila. This is a highly mobile species and tolerant of a wide range of habitat including urban areas. It often takes nectar from low-growing plants.

098) *Appias lyncida* (Cramer, [1777])

CHOCOLATE ALBATROSS

Plate 16

Subspecies and distribution:

- (i) *enarentina* Fruhstorfer, 1900 – Balabac, Calamian, Palawan.
- (ii) *andrea* Eschscholtz, 1821 – Luzon, Marinduque, Mindoro, Mindanao.
- (iii) *lepidana* Fruhstorfer, 1910 – Guimaras, Negros, Panay.
- (iv) *maccina* Fruhstorfer, 1911 – Cuyo, Dumarán.
- (v) *subenarete* Schröder & Treadaway, 1989 – Sanga Sanga, Tawi-Tawi.

Recorded hostplants: CAPPARACEAE: *Capparis sikkimensis*, *C. micracantha*, *C. zeylanica*, *Crateva adansonii*, *C. religiosa* (Sacred Garlic Pear/Salingbobog).
RHIZOPHORACEAE: ?*Gynotroches axillaris*.

Very common. Occurs in Metro Manila. Another mobile and wide-ranging species.

099) *Appias nero* (Fabricius, 1793)

ORANGE ALBATROSS

Plate 17 and 143

Subspecies and distribution:

- (i) *palawanica* (Staudinger, 1889) – Balabac, Palawan.
- (ii) *domitia* C. & R. Felder, 1862 – Luzon, Marinduque, Masbate.
- (iii) *corazonae* Schröder & Treadaway, 1989 – Bongao, Sanga Sanga, Sibutu.
- (iv) *fleminius* Fruhstorfer, 1911 – Mindoro.
- (v) *soranus* Fruhstorfer, 1910 – Cebu, Negros, Panay, Sibuyan.
- (vi) *tibericus* Fruhstorfer, 1910 – Basilan.
- (vii) *zamboanga* C. & R. Felder, 1862 – Bohol, Dinagat, Leyte, Mindanao, Panaon, Samar.

Recorded hostplant: PUTRANJIVACEAE: *Drypetes longifolia*.

Locally common. A forest species and sometimes to be seen “mud-puddling” on damp ground.

100) *Appias nephele* Hewitson, 1861

Plate 17 and 149

Subspecies and distribution:

- (i) *nephele* Hewitson, 1861 – Luzon.
- (ii) *aufidia* Fruhstorfer, 1910 – Basilan.
- (iii) *dilutior* (Staudinger, 1889) – Calamian, Palawan.
- (iv) *elis* Fruhstorfer, 1910 – Mindanao.
- (v) *hostilia* Fruhstorfer, 1910 – Jolo.
- (vi) *invitabilis* Fruhstorfer, 1910 – Mindoro.
- (vii) *leytensis* Fruhstorfer, 1911 – Leyte, Samar.
- (viii) *tawitawiana* Schröder & Treadaway, 1993 – Tawi-Tawi.

Recorded hostplant: CAPPARACEAE: *Capparis micracantha* [PH].

Endemic; uncommon/local.

101) *Appias indra* (Moore, 1857)

PLAIN PUFFIN

Plate 17 and 18

Subspecies and distribution:

(i) *treadawayi* Schröder, 1975 – northern & north-western Mindanao (Mt. Kitanglad & Malindang).

(ii) *massilia* Fruhstorfer, 1910 – Palawan.

Recorded hostplants: PUTRANJIVACEAE: *Drypetes indica*, *D. littoralis*.

Uncommon/local.

102) *Appias phoebe* (C. & R. Felder, 1861) (D'Abrera (1982) treats as a subspecies of *A. pandione*)

BANDED PUFFIN

Plate 18

Subspecies and distribution:

(i) *phoebe* (C. & R. Felder, 1861) – northern Luzon.

(ii) *mindana* Yamamoto & Takei, 1980 – north-western Mindanao.

(iii) *montana* Rothschild, 1896 – Negros (6,000–7,000 feet).

(iv) *rowelli* Schröder & Treadaway, 1982 – south Palawan.

(v) *zamorra* C. & R. Felder, 1862 – Mindoro.

Endemic; uncommon/local.

103) *Appias paulina* (Cramer, [1777])

LESSER ALBATROSS

Plate 18

Subspecies and distribution:

(i) *agave* (C. & R. Felder, 1862) – Dinagat, Homonhon, Leyte, Luzon, Marinduque, Mindanao, Negros, Panaon, Samar.

(ii) *athena* Fruhstorfer, 1902 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.

(iii) *nikomedeia* Fruhstorfer, 1910 – Basilan.

(iv) *plaethoria* Fruhstorfer, 1910 – Balabac.

(v) *sithonia* Fruhstorfer, 1911 – Mindoro.

(vi) *terentilia* Fruhstorfer, 1910 – Calamian, Palawan.

Recorded hostplants: CAPPARACEAE: *Capparis* sp.. PUTRANJIVACEAE: *Drypetes deplanchei*, *D. indica*, *Putranjiva* sp..

Common.

104) *Appias maria* Semper, 1875

Not illustrated

Subspecies and distribution:

(i) *maria* Semper, 1875 – Luzon, Marinduque.

(ii) *adorabilis* Fruhstorfer, 1910 – Leyte, Mindanao, Negros, Samar.

(iii) *dolorosa* Fruhstorfer, 1910 – Bohol.

(iv) *kobayashii* Nuyda & Kawamura, 1989 – Panay.

Endemic; uncommon/local.

105) *Appias albina* (Boisduval, 1836)

WHITE ALBATROSS

Plate 18 and 143

Subspecies and distribution:

(i) *albina* (Boisduval, 1836) – Balabac, Bongao, central & southern Palawan, Sanga Sanga, Sibutu, Tawi-Tawi.

(ii) *pancheia* Fruhstorfer, 1910 – Mindanao, northern Palawan.

(iii) *semperi* Moore, 1905 – Babuyanes, Bohol, Cebu, Dumarán, Guimaras, Luzon, Marinduque, Mindoro, Negros.

(iv) *agatha* Staudinger (listed in D'Abbrera (1982) only) – Palawan.

Recorded hostplants: CAPPARACEAE: *Capparis baducca*, *C. heydeana*, *Crateva adamsonii*. PUTRANJIVACEAE: *Drypetes littoralis* [PH], *D. venusta*.

Common.

106) *Appias remedios* Schröder & Treadaway, 1980

Not illustrated

Distribution: western Panay.

Endemic; uncommon/local.

107) *Appias waltraudae* Schröder, 1977

Not illustrated

Distribution: central Palawan.

Endemic; rare.

108) *Appias aegis* (C. & R. Felder, 1861)

FOREST WHITE

Plate 18

Subspecies and distribution:

(i) *aegis* (C. & R. Felder, 1861) – Leyte, Mindanao, Samar.

(ii) *caepia* Fruhstorfer, 1910 – Palawan.

(iii) *illana* (C. & R. Felder, 1862) – Babuyanes, Cebu, Luzon, Marinduque, Mindoro, Negros.

(iv) *sibutana* Schröder & Treadaway, 1989 – Sibutu.

Uncommon/local.

109) *Udaiana cynis* (Hewitson, [1866])

Plate 149

Subspecies and distribution:

(i) *suluensis* Schröder & Treadaway, 1989 – Bongao, Sanga Sanga, Tawi-Tawi.

Uncommon/local.

110) *Ixias clarki* Avinoff, 1925 (D'Abrera (1982) treats as a subspecies of *I. pyrene*)

YELLOW ORANGE-TIP

Not illustrated

Distribution: northern Luzon, Mindanao.

Endemic; very rare.

111) *Saletaria panda* (Godart) (D'Abrera (1982) treats as a subspecies of *S. liberia*)

MALAYSIAN ALBATROSS

Plate 19 and 150

Subspecies and distribution:

(i) *nathalia* (C. & R. Felder, 1862) – Luzon, Marinduque, Masbate, Negros, Panay, Polillo.

(ii) *distanti* Butler, 1898 – Sanga Sanga, Tawi-Tawi.

(iii) *erebina* Fruhstorfer, 1900 – Palawan.

(iv) *hostilia* Fruhstorfer, 1910 – Balabac.

(v) *martia* Fruhstorfer, 1910 – Basilan.

(vi) *nargosa* Fruhstorfer, 1910 – Dinagat, Homonhon, Leyte, Mindanao, Samar.

Uncommon/local.

112) *Pareronia valeria* (Cramer, [1776])

WANDERER

Plate 19

Subspecies and distribution:

(i) *palawana* Fruhstorfer, 1900 – Balabac, Calamian, Palawan.

(ii) *calliparga* Fruhstorfer, 1910 – Dumarán.

(iii) *gulussa* Fruhstorfer, 1910 – Cuyo.

(iv) *valeriana* Schröder & Treadaway, 1991 – Tawi-Tawi.

Recorded hostplants: CAPPARACEAE: *Capparis baducca*, *C. heydeana*.

Common. Widespread Asian species; in most of the Philippines it is replaced by *P. boebera*.

113) *Pareronia nishiyamai* Yata, 1981

Not illustrated

Distribution: Calamian, Cuyo, Palawan.

Endemic; rare.

114) *Pareronia phocaea* (C. & R. Felder, 1861)

Not illustrated

Subspecies and distribution:

(i) *phocaea* (C. & R. Felder, 1861) – Mindanao.

(ii) *ariamena* Fruhstorfer, 1910 – Basilan.

Endemic; uncommon/local.

115) *Pareronia boebera* (Eschscholtz, 1821)

WANDERER

Plate 19

Subspecies and distribution:

(i) *boebera* (Eschscholtz, 1821) – Luzon, Marinduque, Mindoro, Polillo.

(ii) *arsamota* Fruhstorfer, 1910 – Bohol, Cebu, Masbate, Negros, Panay, Sibuyan.

(iii) *bazilana* Fruhstorfer, 1900 – Basilan.

(iv) *elaitia* Fruhstorfer, 1910 – Panaon.

(v) *joloana* Fruhstorfer, 1911 – Jolo.

(vi) *mutya* Treadaway & Nuyda, 1994 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.

(vii) *trinobantes* Fruhstorfer, 1911 – Leyte, Mindanao, Samar.

Recorded hostplant: CAPPARACEAE: *Capparis zeylanica*.

Endemic; very common. A mobile, fast-flying species; sometimes approachable when taking nectar from flowering shrubs.

116) *Hebomoia glaucippe* (Linnaeus, 1758)

GREAT ORANGE TIP

Plate 20 and 143

Subspecies and distribution:

(i) *philippensis* Wallace, 1863 – central & southern Luzon, Marinduque.

(ii) *boholensis* M. & T. Okano, 1994 – Bohol, Masbate, Negros, Panay.

(iii) *cuyonicola* Fruhstorfer, 1907 – Cuyo.

- (iv) *domoranensis* Fruhstorfer, 1911 – Dumarán.
- (v) *erinna* Fruhstorfer, 1910 – Babuyan, Batanes, northern Luzon.
- (vi) *iliaca* Fruhstorfer, 1911 – Bongao, Dinagat, Jolo, Leyte, Mindanao, Panaon, Samar, Sanga Sanga, Sibutu, Tawi-Tawi.
- (vii) *mindorensis* Fruhstorfer, 1911 – Mindoro.
- (viii) *palawensis* Fruhstorfer, 1907 – Balabac, Calamian, Palawan.
- (ix) *reducta* Fruhstorfer, 1907 – Polillo.

Recorded hostplants: CAPPARACEAE: *Capparidastrum sola*, *Capparis cantoniensis*, *C. lanceolaris*, *C. micracantha*, *C. moonii*, *C. pubiflora*, *C. sepiaria*, *C. sikkimensis*, *Crateva adansonii*, *C. religiosa* (Sacred Garlic Pear/Salingbobog) [PH]. CLEOMACEAE: *Cleome spinosa*.

Common. A strong-flying, very active butterfly, sometimes briefly pausing to take nectar but not usually very approachable. It is very conspicuous and unmistakable.

Nymphalidae

Subfamily Nymphalinae

117) *Ariadne merione* (Cramer, [1777])

COMMON CASTOR

Plate 20

Subspecies and distribution:

(i) *crestonia* Fruhstorfer, 1912 – Balabac, Palawan.

(ii) *luzonia* (C. & R. Felder, [1867]) – Philippines generally, excluding Babuyan, Balabac, northern Luzon, Palawan.

(iii) *maculata* Semper, 1887 – Babuyanes, northern Luzon.

Recorded hostplants: EUPHORBIACEAE: *Plukenetia corniculata*, *Ricinus communis* (Castor-Oil Plant), *Tragia hispida*, ?*T. plukenetii*.

Uncommon/local.

118) *Ariadne taeniata* (C. & R. Felder, 1861)

Plate 150

Subspecies and distribution:

(i) *taeniata* (C. & R. Felder, 1861) – Babuyan, Luzon, Marinduque, Masbate, Negros.

(ii) *adelpha* (C. & R. Felder, 1861) – Basilan, Bohol, Cebu, Leyte, Mindanao.

Endemic; uncommon/local.

119) *Laringa castelnaui* (C. & R. Felder, 1860)

BLUE DANDY

Plate 20

Subspecies and distribution:

(i) *ottonis* Fruhstorfer, 1906 – Palawan.

Uncommon/local.

120) *Cethosia biblis* (Drury, [1773])

RED LACEWING

Plate 20

Subspecies and distribution:

(i) *barangingi* Tsukada, 1985 – Bongao, Jolo, Sanga Sanga, Sibutu, Tawi-Tawi.

(ii) *insularis* C. & R. Felder, 1861 – Babuyan, Luzon.

(iii) *liacura* Fruhstorfer, 1912 – central & western Mindanao.

(iv) *placito* Tsukada, 1985 – eastern Mindanao.

(v) *sandakana* Fruhstorfer, 1899 – Bohol, Cebu, Camotes, Cuyo, Leyte, Marinduque, Masbate, Mindoro, Negros, Panay, Samar, Sibuyan.

(vi) *tagalorum* Fruhstorfer (listed in D'Abbrera (1984) only) – Mindoro.

Recorded hostplants: PASSIFLORACEAE: *Adenia cordifolia*, *A. heterophylla* [PH], *A. macrophylla*, *Passiflora cochinchinensis*, *P. edulis*, *P. foetida*.

Common.

121) *Cethosia hypsea* Doubleday, [1847]

MALAY LACEWING

Plate 20 and 21

Subspecies and distribution:

(i) *palawana* Fruhstorfer, 1900 – Balabac, Calamian, Palawan.

Recorded hostplants: PASSIFLORACEAE: *Adenia cordifolia*, *A. macrophylla*.

Common.

122) *Cethosia mindanensis* C. & R. Felder, 1863 (D'Abbrera (1984) treats as a subspecies of *C. hypsea*)

Not illustrated

Subspecies and distribution:

(i) *mindanensis* C. & R. Felder, 1863 – Basilan, south-western Mindanao.

festiva Fruhstorfer, 1899 – Bongao, Jolo, Sanga Sanga, Siasi, Sibutu, Tawi-Tawi.

Endemic; uncommon/local.

123) *Cethosia luzonica* C. & R. Felder, 1863

Plate 21

Subspecies and distribution:

(i) *luzonica* C. & R. Felder, 1863 – Luzon.

(ii) *boholica* Semper, 1888 – Bohol, Cebu, Leyte, Panaon, Samar.

(iii) *magindanica* Semper, 1888 – Mindanao.

(iv) *pariana* Semper, 1888 – Guimaras, Masbate, Negros, Panay, Sibuyan.

Endemic; common.

124) *Vindula erota* (Fabricius, 1793)

COMMON CRUISER

Plate 21

Subspecies and distribution:

(i) *montana* Fruhstorfer, 1899 – Balabac, Palawan.

Recorded hostplants: PASSIFLORACEAE: *Adenia heterophylla*, *A. hondala*, *A. macrophylla*, *A. pierrei*, *Passiflora foetida*.

Uncommon/local. A widespread Asian species which only just penetrates the Philippines.

125) *Vindula dejone* (Erichson, 1834)

CRUISER

Plate 21 and 22

Subspecies and distribution:

(i) *dejone* (Erichson, 1834) – Bohol, Calamian, Dinagat, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Negros, northern Palawan, Panay, Samar.

(ii) *basanica* Fruhstorfer, 1912 – Jolo.

(iii) *bongana* Schröder & Treadaway, 1989 – Bongao, Sanga Sanga.

(iv) *palawanica* Fruhstorfer, 1899 – Balabac, S. Palawan.

(v) *sibutuensis* Schröder & Treadaway, 1989 – Sibutu.

Recorded hostplants: PASSIFLORACEAE: *Adenia* sp., *Passiflora quadrangularis* [PH].

Common.

126) *Cupha erymanthis* (Drury, [1773])

RUSTIC

Plate 22 and 150

Subspecies and distribution:

(i) *erymanthis* (Drury, [1773]) – Balabac, Bongao, Calamian, Palawan, Sanga Sanga, Siasi, Tawi-Tawi.

(ii) *palawana* Fruhstorfer (listed in D’Abrera (1984) only) – Palawan, Balabac.

Recorded hostplants: CANNABACEAE: *Celtis tetrandra*. EUPHORBIACEAE: *Croton congestus*. PHYLLANTHACEAE: *Glochidion eriocarpum*. SALICACEAE: *Flacourtia indica* (Ramontchi/Governor’s Plum), *F. inermis*, *F. montana*, *F. rukam*, *Homalium bhamoense*, *H. cochinchinensis*, *Salix babylonica* (Weeping Willow), *Scolopia chinensis*, *S. crenata*, *S. oldhami*, *S. saeva*. SAPINDACEAE: *Lepisanthes fruticosa*, *L. rubiginosa*.

Locally common. A widespread Asian species.

127) *Cupha arias* C. & R. Felder, [1867]

Plate 22

Subspecies and distribution:

(i) *arias* C. & R. Felder, [1867] – Philippines excluding Basilan, Dinagat, Leyte, Mindanao, Panaon, Samar, Sibutu, Tawi-Tawi.

(ii) *dapatana* Grose-Smith, 1887 – Basilan, Dinagat, Leyte, Mindanao, Panaon, Samar, Sibutu, Tawi-Tawi.

(iii) *cacina* Fruhstorfer (listed in D’Abrera (1984) only) – Palawan, ?Balabac.

Recorded hostplant: ACHARIACEAE: *Hydnocarpus alcalae* [PH].

Common. Mostly in forests.

128) *Phalanta phalantha* (Drury, [1773])

COMMON LEOPARD

Plate 22

Subspecies and distribution:

(i) *phalantha* (Drury, [1773]) – Philippines generally.

(ii) *luzonica* Fruhstorfer (D’Abrera (1984) only) – Philippines (unspecified location).

Recorded hostplants: ACANTHACEAE: *Barleria prionitis* (Kukong Manok/Porcupine Flower). ANACARDIACEAE: *Mangifera indica* (Mango). CELASTRACEAE: *Gymnosporia buchananii*. EUPHORBACEAE: *Croton congestus*. MYRTACEAE: *Melaleuca leucadendra* (Weeping Paperbark).

RUBIACEAE: *Canthium coromandelicum*, *Ixora* sp.. SALICACEAE: *Dovyalis hebecarpa* (Ceylon Gooseberry/Ketembilla), *Flacourtia indica* (Ramontchi/Governor’s Plum), *F. inermis* (Rukam Asam), *F. jangomas* [PH], *F. montana*, *Populus X canescens* (Grey Poplar), *P. deltooides* (Eastern Cottonwood), *Salix babylonica* (Weeping Willow) [PH], *S. tetrasperma* (Indian Willow), *S. warburgii*, *Scolopia chinensis*, *S. oldhamii*. SMILACACEAE: *Smilax aspera* (Common Smilax/Rough Bindweed).

Very common. Occurs in Metro Manila.

129) *Phalanta alcippe* (Stoll, 1782)

SMALL LEOPARD

Plate 23

Subspecies and distribution:

(i) *alcippoides* Moore, 1900 – Balabac, Palawan, Sanga Sanga, Sibutu, Tawi-Tawi.

(ii) *semperi* Moore, 1900 – Philippines excluding Balabac, Basilan, Palawan, Sanga Sanga, Sibutu, Tawi-Tawi.

(iii) *violetta* Fruhstorfer, 1900 – Basilan.

(iv) *pallidior* Staudinger (listed in D’Abrera (1984) only) – Palawan.

Recorded hostplants: ACHARIACEAE: *Hydnocarpus heterophylla*. VIOLACEAE:

Rinorea virgata, *R. zeylanica*.

Uncommon/local.

130) *Vagrans egista* (Cramer, [1780]) (listed in D'Abbrera (1984) only)

VAGRANT

Plate 23

Subspecies and distribution:

(i) *brixia* Fruhstorfer – northern Philippines.

Recorded hostplants: DILLENIACEAE: *Dillenia excelsa*. SALICACEAE: *Flacourtia rukam*, *Homalium circumpinnatum*, *H. cochinchinensis*, *Xylosma longifolia*, *X. ovata*.

Widespread Asian species; in most of the Philippines it is replaced by *V. sinha*.

131) *Vagrans sinha* (Kollar, [1844])

[VAGRANT]

Plate 23

Subspecies and distribution:

(i) *sinha* (Kollar, [1844]) – Philippines generally.

Recorded hostplants: DILLENIACEAE: *Dillenia excelsa* [PH]. SALICACEAE: *Flacourtia indica* (Ramontchi/Governor's Plum), *F. rukam*, *Homalium bhamoense*, *H. circumpinnatum*, *Xylosma ovata*.

Uncommon/local.

132) *Paduca fasciata* (C. & R. Felder, 1860)

BRANDED YEOMAN

Plate 23

Subspecies and distribution:

(i) *fasciata* (C. & R. Felder, 1860) – Philippines excluding Calamian, Palawan.

(ii) *palloris* Fruhstorfer, 1900 – Calamian, Palawan.

(iii) *ortopia* Fruhstorfer (listed in D'Abbrera (1984) only) – southern to central Philippines.

Recorded hostplant: ACHARIACEAE: *Hydnocarpus* sp..

Uncommon/local.

133) *Cirrochroa tyche* (C. & R. Felder, 1861)

COMMON YEOMAN

Plate 23 and 24

Subspecies and distribution:

(i) *tyche* (C. & R. Felder, 1861) – Philippines excluding Calamian, Dumarán,

Palawan, Tawi-Tawi.

(ii) *laudabilis* Fruhstorfer, 1900 – Calamian, Dumarán, Palawan.

(iii) *languyana* Treadaway & Nuyda, 1994 – Tawi-Tawi.

Recorded hostplants: ACHARIACEAE: *Hydnocarpus* sp. [PH], *H. alpina*, *H. castanea*, *H. ilicifolia*.

Uncommon/local.

134) *Cirrochroa satellita* Butler, 1869

SATELLITE YEOMAN

Plate 24

Subspecies and distribution:

(i) *illergeta* Fruhstorfer, 1912 – Palawan.

Uncommon/local.

135) *Cirrochroa menones* Semper, 1888

Plate 24

Distribution: Dinagat, Mindanao.

Endemic; uncommon/local.

136) *Terinos clarissa* Boisduval, 1836

GREAT ASSYRIAN /VELVET NYMPH

Plate 24

Subspecies and distribution:

(i) *homonhonensis* Treadaway & Nuyda, 1994 – Homonhon.

(ii) *suluensis* Treadaway & Nuyda, 1994 – Bongao, Sanga Sanga, Tawi-Tawi.

(iii) *lucia* Staudinger, 1889 – Palawan.

(iv) *luciella* Fruhstorfer, 1912 – Balabac.

(v) *lucilla* Butler, 1870 – Leyte, Mindanao, Samar.

Uncommon/local.

137) *Terinos romeo* Schröder & Treadaway, 1984

Not illustrated

Distribution: W. Panay.

Endemic; very rare.

138) *Argyreus hyperbius* (Linnaeus, 1763)

INDIAN FRITILLARY/LACED FRITILLARY

Plate 24 and 25

Subspecies and distribution:

(i) *sagada* Fruhstorfer, 1900 – N. Luzon, N. Mindanao, Babuyanes (D'Abrera, 1984).

Recorded hostplants: VIOLACEAE: *Viola arcuata*, *V. betonicifolia*, *V. diffusa*, *V. formosana*, *V. grypoceras*, *V. inconspicua*, *V. keiskei*, *V. mandshurica*, *V. nagasawae*, *V. odorata*, *V. patrinii*, *V. philippica*, *V. selkirkii*, *V. tricolor* (Violets).

Uncommon/local.

139) *Vanessa cardui* (Linnaeus, 1758)

PAINTED LADY

Plate 25

Distribution: Luzon, Mindanao, Negros, Palawan.

Recorded hostplants: AMARANTHACEAE: *Beta vulgaris* (Beet), *Chenopodium album*. ASTERACEAE: *Anaphalis subdecurrens*, *Arctotis stoechadifolia*, *Artemisia frigida*, *A. ludoviciana*, *A. pallens*, *A. princeps*, *A. scoparia*, *A. stelleriana*, *A. vulgaris*, *Berkheya discolor*, *Blumea balsamifera*, *Calendula officinalis*, *Carduus acanthoides*, *C. crispus*, *C. nutans*, *C. occidentalis*, *Carlina vulgaris*, *Centaurea benedicta*, *C. nigra*, *C. solstitialis*, *Chrysanthemum indicum*, *Cirsium altissimum*, *C. arvense*, *C. discolor*, *C. douglasii*, *C. eatonii*, *C. hydrophilum*, *C. japonicum*, *C. muticum*, *C. neomexicanum*, *C. remotifolium*, *C. texanum*, *C. undulatum*, *C. vulgare*, *Cynara cardunculus*, *C. scolymus*, *Euchiton japonicus*, *Filago pyramidata*, *Gnaphalium pensylvanicum*, *Helianthella* sp., *Helianthus annuus*, *H. argophyllus*, *Helichrysum* sp., *Jacobaea maritima*, *Lactuca sativa*, *Laggera alata*, *Madia* sp., *Onopordum acanthium*, *Parthenium argentatum*, *Pentzia* sp., *Serratula* sp., *Silybum marianum*, *Sonchus* sp., *Wyethia glabra*, *Xanthium spinosum*, *X. strumarium*. BORAGINACEAE: *Anchusa officinalis*, *Borago officinalis*, *Cryptantha angustifolia*, *Cynoglossum* sp., *Echium vulgare*, *Eriodictyon californicum*, *Myosotis* sp., *Nonea* sp., *Phacelia campanularia*, *Symphytum officinale*, *S. X uplandicum*. CONVULVULACEAE: *Ipomoea batatas* (Kamote/Sweet Potato). CUCURBITACEAE: *Cucumis melo* (Muskmelon). EUPHORBIACEAE: *Ricinus communis* (Castor-Oil Plant). FABACEAE: *Glycine max*, *Lablab purpureus*, *Lupinus albifrons*, *L. arboreus*, *L. argenteus*, *L. arcticus*, *L. bicolor*, *L. formosus*, *L. perennis*, *L. succulentus*, *Medicago sativa*, *Phaseolus vulgaris* (Bean), *Pisum sativum* (Pea), *Zornia diphylla*. MALVACEAE: *Althaea officinalis*, *Gossypium* sp., *Malva moschata*, *M. neglecta*, *M. nicaeensis*, *M. parviflora*, *M. sylvestris*, *Malvella leprosa*, *Sphaeralcea ambigua*. SMILACACEAE: *Smilax china*, *S. perfoliata*. SOLANACEAE: *Nicotiana glauca* (Tree Tobacco), *Petunia* sp., *Solanum tuberosum* (Potato). ULMACEAE: *Ulmus americana*, *U. davidiana*. URTICACEAE: *Boehmeria nivea* (Ramie/China Grass), *Debregeasia*

longifolia, *D. saeneb*, *Girardinia* sp., *Laportea* sp., *Parietaria* sp., *Soleirolia* sp., *Urtica dioica* (Nettle), *U. thunbergiana*, *U. urens*. VERBENACEAE: *Lantana* sp..

Uncommon/local. Although this species is very widely distributed through much of Asia as well as Europe, Africa and North America, it is not all that common in the Philippines.

140) *Vanessa indica* (Herbst, 1764)

INDIAN RED ADMIRAL

Plate 25

Subspecies and distribution:

(i) *indica* (Herbst, 1764) – Luzon, Mindanao, Palawan.

Recorded hostplants: ASTERACEAE: *Blumea* sp.. CANNABACEAE: *Humulus* sp.. MALVACEAE: *Corchorus capsularis*. ULMACEAE: *Ulmus parvifolia*. URTICACEAE: *Boehmeria densiflora*, *B. japonica*, *B. nivea* (Ramie/China Grass), *Girardinia diversifolia*, *Oreocnide frutescens*, *Urtica thunbergiana*.

Uncommon/local.

141) *Vanessa dejeani* Godart, 1824

Plate 150

Subspecies and distribution:

(i) *mounseyi* Talbot, 1936 – Mindanao, Samar.

Uncommon/local.

142) *Kaniska canace* (Linnaeus, 1763)

BLUE ADMIRAL

Plate 25

Subspecies and distribution:

(i) *benguetana* Semper, 1888 – Luzon, N. Mindanao.

(ii) *oreas* Tsukada, 1985 – Panay.

(iii) *oplentia* Tsukada, 1985 – Mindanao.

(iv) *maniliana* (listed in D'Abrera (1984) only) – ?Palawan.

Recorded hostplants: LILIACEAE: *Streptopus amplexifolius*, *Tricyrtis* sp.. DIOSCOREACEAE: *Dioscorea* sp.. SMILACACEAE: *Heterosmilax japonica*, *Smilax aspericaulis*, *S. bracteata*, *S. china*, *S. lanceifolia*, *S. perfoliata*, *S. riparia*, *S. sebeana*.

Uncommon/local.

143) *Symbrenthia lilaea* (Hewitson, 1864)

Plate 25

Subspecies and distribution:

(i) *semperi* Moore, 1889 – Philippines excluding Balabac, Luzon, Palawan, Sulu Archipelago.

(ii) *thimo* Fruhstorfer, 1907 – Luzon.

Recorded hostplants: URTICACEAE: *Boehmeria densiflora*, *B. nivea* (Ramie/China Grass), *Girardinia diversifolia*, *Debregeasia saeneb*.

Uncommon/local.

144) *Symbrenthia hippoclus* (Cramer, [1779])

COMMON JESTER

Plate 25 and 26

Subspecies and distribution:

(i) *anna* Semper, 1888 (D'Abrera (1984) treats as a separate species) – Bohol, Cebu, Camiguin de Mindanao, Camotes, Leyte, Mindanao, Panaon, Samar, Siargao.

(ii) *aritus* Fruhstorfer, 1912 – Calamian.

(iii) *galepsus* Fruhstorfer, 1908 – Luzon, Marinduque, Mindoro.

(iv) *dissoluta* Staudinger, 1889 – Balabac, Palawan.

(v) *jolonus* Fruhstorfer, 1912 – Jolo.

(vi) *spherchius* Fruhstorfer, 1908 – Basilan.

Recorded hostplants: URTICACEAE: *Boehmeria densiflora*, *B. glomerulifera*, *B. nivea* (Ramie/China Grass), *Debregeasia edulis*, *D. saeneb*, *Girardinia diversifolia*, *Oreocnide pedunculata*, *O. trinervis*, *Pipturus argenteus* [PH].

Common. Mainly a forest species. The *Symbrenthia* species are very similar; this is the most common.

145) *Symbrenthia hypselis* (Godart, [1824])

SPOTTED JESTER

Plate 26

Subspecies and distribution:

(i) *niphandina* Fruhstorfer, 1912 – Palawan.

Recorded hostplants: URTICACEAE: *Debregeasia edulis*, *Elatostema lineolatum*, *Pouzolzia sanguinea*.

Uncommon/local.

146) *Symbrenthia hypatia* (Wallace, 1869)

INTRICATE JESTER

Not illustrated

Subspecies and distribution:

(i) *mindanaensis* Schröder & Treadaway, 1979 – Mindanao.

(ii) (not specified) – Philippines (unspecified location).

Rare.

147) *Junonia iphita* (Cramer, [1779])

CHOCOLATE SOLDIER/CHOCOLATE PANSY

Plate 26 and 27

Subspecies and distribution:

(i) *adelaida* (Staudinger, 1889) – Balabac, Palawan.

Recorded hostplants: ACANTHACEAE: *Hygrophila costata*, *Justicia micrantha*, *J. procumbens*, *J. sphaerosperma*, *Lepidagathis formosensis*, *Strobilanthes callosus*, *S. dyeriana*, *S. formosanus*.

Locally common. A widespread Asian species, but unlike the other Philippine *Junonia* species only reaches the south-west of the archipelago.

148) *Junonia hedonia* (Linnaeus, 1764)

BROWN SOLDIER/BROWN PANSY

Plate 27

Subspecies and distribution:

(i) *ida* (Cramer, [1775]) – Philippines generally.

(ii) *hondai* Hayashi (listed in D'Abbrera (1984) only) – Palawan.

Recorded hostplants: ACANTHACEAE: *Blechnum pyramidatum* [PH], *Hemigraphis alternata* (Metal Leaf/Dahong-pula), *H. reptans*, *Hygrophila ringens*, *Ruellia chartacea*, *R. repens*.

Very common. Occurs in Metro Manila. This species and the next four are very habitat-tolerant and can exist in small scraps of grassland along roadsides as well as more natural areas. They regularly take nectar from flowers such as *Tridax* and low-growing shrubs. They also all frequently bask with open wings; *J. lemonias* and *J. atlites* are easy to photograph, *J. hedonia* slightly less so, *J. almana* quite difficult, and *J. orithya* wary and nigh-impossible.

149) *Junonia atlites* (Linnaeus, 1758)

GREY PANSY

Plate 27

Subspecies and distribution:

(i) *atlites* (Linnaeus, 1758) – Philippines generally.

Recorded hostplants: ACANTHACEAE: *Barleria* sp., *Blechnum pyramidatum* [PH], *Hygrophila* sp. [PH], *H. auriculata*, *H. costata*, *H. erecta*, *H. ringens*, *Justicia* sp. [PH], *Pseuderanthemum* sp. [PH], *Ruellia* sp. [PH], *R. brevifolia*, *R. tuberosa*, *Strobilanthes* sp. [PH], *S. schomburgkii*. AMARANTHACEAE: *Achyranthes* sp., *Alternanthera philoxeroides*, *A. sessilis*, *Nelsonia canescens*. ASTERACEAE: *Pluchea indica*. LINDERNIACEAE: *Lindernia procumbens*. PLANTAGINACEAE: *Limnophila villosa*. VERBENACEAE: *Phyla nodiflora* [PH].

Common. Occurs in Metro Manila. Not as abundant as *J. hedonia*, *J. almana*, *J. lemonias* and *J. orithya*.

150) *Junonia almana* (Linnaeus, 1758)

PEACOCK PANSY

Plate 27

Subspecies and distribution:

(i) *almana* (Linnaeus, 1758) – Philippines generally, except the south.

Recorded hostplants: ACANTHACEAE: *Acanthus* sp., *Barleria cristata*, *Blechnum pyramidatum* [PH], *Dyschoriste repens*, *Hygrophila costata*, *H. erecta*, *H. ringens*, *Ruellia brevifolia*, *R. repens*, *R. tuberosa*, *Strobilanthes flexicaulis*, *S. japonica*, *S. oliganthus*, *S. schomburgkii*. AMARANTHACEAE: *Alternanthera philoxeroides*. BALSAMINACEAE: *Hydrocera angustifolia*. FABACEAE: *Mimosa pudica* (Sensitive plant/Makahiya plant). GESNERIACEAE: *Gloxinia* sp.. POACEAE: ?*Oryza sativa* (Rice), ?*Pennisetum glaucum* (Pearl Millet). ONAGRACEAE: *Ludwigia* sp.. MELASTOMACEAE: *Osbeckia* sp.. PLANTAGINACEAE: *Antirrhinum majus*, *Plantago major*. LINDERNIACEAE: *Lindernia antipoda*, *L. ciliata*, *L. microcalyx*. PHRYMACEAE: *Mimulus gracilis*. VERBENACEAE: *Phyla nodiflora*, *Stachytarpheta indica*, *S. jamaicensis* [PH].

Very common. Occurs in Metro Manila. Tolerant of a wide range of habitats, grassland including in suburban and urban areas such as around Manila Bay.

151) *Junonia lemonias* (Linnaeus, 1758)

LEMON PANSY

Plate 27 and 28

Subspecies and distribution:

(i) *janome* Tsukada & Kaneko, 1985 – Cebu, Guimaras, Luzon, Marinduque, Mindoro, Palawan.

Recorded hostplants: ACANTHACEAE: *Barleria cristata*, *B. prionitis* (Kukong Manok/ Porcupine Flower), *Blechnum pyramidatum* [PH], *Dyschoriste repens*, *Eranthemum purpurascens*, *S. schomburgkii*, *Hygrophila costata*, *H. erecta*, *H. ringens*, *Lepidagathis formosensis*, *L. incurva*, *Nelsonia canescens*, *Ruellia brevifolia*, *R. tuberosa*,

Strobilanthes formosanus, *S. schomburgkii*. AMARANTHACEAE: *Alternanthera sessilis*. ASTERACEAE: *Pluchea indica* (Indian Camphorweed). MALVACEAE: *Corchorus* sp., *Sida rhombifolia*. RUBIACEAE: *Ixora* sp., *Ophiorrhiza japonica*. VERBENACEAE: *Phyla nodiflora*.

Very common. Occurs in Metro Manila. Tolerant of a wide range of habitats, grassland including in suburban and urban areas even the city centre, e.g. Intramuros.

152) *Junonia orithya* (Linnaeus, 1758)

BLUE PANSY

Plate 28

Subspecies and distribution:

(i) *leucasia* Fruhstorfer, 1912 – Philippines excluding Sibutu.

(ii) *metion* Fruhstorfer, 1905 – Sibutu.

Recorded hostplants: ACANTHACEAE: *Acanthus* sp., *Asystasia gangetica* (Zamboangenita), *A. scandens*, *Hygrophila ringens*, *Justicia micrantha*, *J. procumbens*, *Lepidagathis formosensis*, *L. prostrata*, *Pseuderanthemum variabile*, *Thunbergia alata*. CONVULVULACEAE: *Ipomoea batatas* (Sweet Potato/Kamote). PLANTAGINACEAE: *Angelonia salicariifolia*, *Antirrhinum majus*. OROBANCHACEAE: *Buchnera linearis*, *Striga asiatica*, *S. hermonthica* (Purple Witchweed). VERBENACEAE: *Phyla nodiflora*, *Stachytarpheta* sp. [PH]. VIOLACEAE: ?*Viola odorata*.

Very common. Occurs in Metro Manila. Not quite as abundant as *J. hedonia*, *J. lemonias* and *J. almana*, but still tolerant of a wide range of habitats, including roadside verges and the edges of golf courses.

153) *Rhinopalpa polynice* (Cramer, [1779])

WIZARD

Plate 28 and 143

Subspecies and distribution:

(i) *amoenice* Fruhstorfer, 1912 (D'Abrera (1984) regards as a synonym of *stratonice*) – Mindoro.

(ii) *panayana* Fruhstorfer, 1912 (D'Abrera (1984) regards as a synonym of *stratonice*) – Cebu, Negros, W. Panay, Sibuyan.

(iii) *stratonice* C. & R. Felder, 1867 – Babuyan, Luzon, Marinduque.

(iv) *tamora* Fruhstorfer, 1900 (D'Abrera (1984) regards as a synonym of *stratonice*) – Basilan.

(v) *tawanice* Schröder & Treadaway, 1989 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.

(vi) *validice* Fruhstorfer, 1912 (D'Abrera (1984) regards as a synonym of *stratonice*) –

Bohol, Dinagat, Leyte, Mindanao, Panaon, Samar, Siargao.

Recorded hostplants: URTICACEAE: *Dendrocnide sinuata*, *Poikilospermum acuminatum* [PH], *P. suaveolens* [PH].

Locally common. A forest species; very wary and difficult to approach.

154) *Yoma sabina* (Cramer, [1780])

LURCHER

Plate 28

Subspecies and distribution:

(i) *podium* Tsukada, 1985 – Philippines generally.

Recorded hostplants: ACANTHACEAE: *Blechnum pyramidatum*, *Dyschoriste repens*.

PANDANACEAE: *Pandanus tectorius* (Seashore Pandan/Screw Pipe).

Uncommon/local.

155) *Hypolimnas anomala* (Wallace, 1869)

MALAYAN EGG-FLY

Plate 29

Subspecies and distribution:

(i) *anomala* (Wallace, 1869) – Philippines generally.

(ii) *euvaristos* Fruhstorfer (listed in D'Abrera (1984) only) – Mindanao and southern islands.

(iii) *truventus* Fruhstorfer (listed in D'Abrera (1984) only) – Luzon, ?Babuyan.

Recorded hostplants: URTICACEAE: *Pipturus arborescens*, *P. argenteus* [PH], *Pouzolzia* species.

Common.

156) *Hypolimnas misippus* (Linnaeus, 1764)

DANAID EGG-FLY

Plate 29

Distribution: Philippines generally.

Recorded hostplants: ACANTHACEAE: *Asystasia gangetica* (Zamboangenita), *Blepharis maderaspatensis*, *Justicia* sp., *Pseuderanthemum variabile*, *Ruellia cordata*, *R. prostrata*. AMARANTHACEAE: *Amaranthus caudatus* (Love-lies-bleeding). ARECACEAE: ?*Elaeis guineensis* (African Oil Palm). CONVULVACEAE: *Ipomoea* sp.. CRASSULACEAE: *Sedum* sp.. MALVACEAE: *Abelmoschus moschatus*, *Abutilon* sp., *Gossypium* sp., *Hibiscus* sp. inc. *H. rosa-sinensis*. MORACEAE: *Ficus* sp.. PLANTAGINACEAE: *Plantago asiatica*, *P. major*. PORTULACACEAE: *Portulaca*

foliosa, *P. oleracea* (Purslane/Gulasiman), *P. quadrifida*. TALINACEAE: *Talinum* sp..

URTICACEAE: *Elatostema cuneatum*.

Common. The female is a mimic of unpalatable Danaine species and looks totally different from the male.

157) *Hypolimnas bolina* (Linnaeus, 1758)

GREAT EGG-FLY/COMMON EGG-FLY

Plate 29

Subspecies and distribution:

(i) *joloana* Fruhstorfer, 1912 – Bongao, Jolo, Sanga Sanga, Sibutu, Tawi-Tawi.

(ii) *kezia* Butler, 1877 – Batanes.

(iii) *philippensis* Butler, 1874 – Philippines excluding Batanes, Bongao, Jolo, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: ACANTHACEAE: *Asystasia gangetica* (Zamboangenita), *A. scandens*, *Blechnum pyramidatum* [PH], *Eranthemum pulchellum*, *Justicia* sp., *Pseuderanthemum muelleri-fernandii*, *P. pacificum*, *P. variable*, *Ruellia aruensis*, *R. guppyi*. AMARANTHACEAE: *Achyranthes aspera* [PH], *Alternanthera philoxeroides*, *A. sessilis*. ASTERACEAE: *Eclipta prostrata*, *Synedrella nodiflora* [PH]. COMMELINACEAE: *Commelina communis* (Asiatic Dayflower), *C. diffusa*. CONVULVACEAE: *Ipomoea aquatica*, *I. batatas* (Sweet Potato/Kamote), *I. gracilis*, *I. nil*, *I. pes-caprae*, *I. triloba*, *Merremia hederacea*. FABACEAE: *Lens culinaris* (Lentil), *Ohwia caudata*, *Vigna umbellata* (Rice Bean). MALVACEAE: *Abutilon* sp. [PH], *Malvastrum coromandelianum*, *Sida fallax*, *S. javensis* [PH], *S. rhombifolia*, *Triumfetta rhomboidea*. MORACEAE: *Ficus microcarpa* (Chinese Banyan/Indian Laurel Fig), *F. pumila*. POLYGONACEAE: *Persicaria prostrata*, *Polygonum aviculare*. PORTULACACEAE: *Portulaca oleracea* (Purslane/Gulasiman). RUBIACEAE: *Richardia brasiliensis*. URTICACEAE: *Elatostema cuneatum*, *Laportea interrupta*, *Pipturus argenteus*, *Urtica dioica* (Nettle), *U. urens*.

Very common. Occurs in Metro Manila. This species tolerates a very wide range of habitats and can be found almost anywhere, from forests to inner cities. The females especially are very variable and some of them are thought to mimic *Euploea* species.

158) *Doleschallia bisaltide* C. & R. Felder, 1860

AUTUMN LEAF

Plate 30

Subspecies and distribution:

(i) *philippensis* Fruhstorfer, 1899 – Philippines generally.

Recorded hostplants: ACANTHACEAE: *Asystasia gangetica* (Zamboangenita),

Blechum pyramidatum [PH], *Carlowrightia arizonica*, *Eranthemum pulchellum* [PH], *Graptophyllum pictum* (Morado), *Phaulopsis imbricata*, *Pseuderanthemum acuminatissimum*, *P. carruthersii*, *P. crenulatum*, *P. laxiflorum*, *P. malabaricum*, *P. variabile*, *Ruellia brevifolia*, *Strobilanthes dyeriana*, *S. persicifolia*. FABACEAE: *Erythrina* sp.. MORACEAE: *Artocarpus heterophyllus* (Jack Fruit/Langka). URTICACEAE: *Girardinia diversifolia*, *Urtica* sp..

Common. Habitat-tolerant and often seen in open country and rural gardens as well as forests. This species often takes nectar from low-growing shrubs and is readily approachable; it also frequently basks with open wings.

159) *Cyrestis cassander* C. & R. Felder, 1863 (D'Abbrera (1984) treats as a subspecies of *C. paulinus*)

Plate 30

Subspecies and distribution:

- (i) *cassander* C. & R. Felder, 1863 – Batanes, Luzon, Marinduque, Mindoro.
- (ii) *dacebalus* Fruhstorfer, 1912 – Bohol, Camotes, Dinagat, Guimaras, Leyte, Samar.
- (iii) *orchomenus* Fruhstorfer, 1912 – Basilan, Mindanao.
- (iv) *thessa* Fruhstorfer, 1889 – Balabac, Calamian, Palawan.

Endemic; uncommon/local.

160) *Cyrestis maenalis* Erichson, 1834

COMMON MAP-WING

Plate 30

Subspecies and distribution:

- (i) *maenalis* Erichson, 1834 – Luzon, Marinduque, Panay, Sibutu.
- (ii) *aiedius* Fruhstorfer, 1912 (D'Abbrera (1984) regards this as a synonym of *obscurior*) – Balabac.
- (iii) *cebuensis* M. & T. Okano, 1988 – Cebu.
- (iv) *eumeleus* Fruhstorfer, 1915 – Babuyan.
- (v) *kynosura* Tsukada & Nishiyama, 1985 – Dinagat, Leyte, Panaon.
- (vi) *negros* Martin, 1903 – Negros.
- (vii) *obscurior* Staudinger, 1889 – Calamian, Palawan, [Balabac (D'Abbrera, 1984)].
- (viii) *oebasius* Fruhstorfer, 1912 – Basilan.
- (ix) *rizali* Tsukada & Nishiyama, 1985 – Bohol, E. Mindanao.
- (x) *rothschildi* Martin, 1903 – Mindoro.
- (xi) *zamboangensis* Jumalon, 1975 – SW. Mindanao.

Recorded hostplants: DILLENIACEAE: *Tetracera sarmentosa*. MORACEAE: *Ficus* sp.

(Fig) including *F. ulmifolia* [PH].

Common. The *Cyrestis* species frequent forest habitats; this is by far the most common. When settled, they almost invariably hold their wings open.

161) *Cyrestis kudrati* Jumalon, 1975

Plate 30

Distribution: Mindanao.

Endemic; uncommon/local.

162) *Cyrestis nivea* (Zinken, 1831)

STRAIGHT LINE MAP-WING

Plate 31

Subspecies and distribution:

(i) *superbus* Staudinger, 1889 – Calamian, Palawan.

Recorded hostplant: MORACEAE: *Ficus rumphii*.

Uncommon/local.

163) *Chersonesia rahria* (Moore, [1858])

WAVY MAPLET

Plate 31

Subspecies and distribution:

(i) *rahria* (Moore, [1858]) – Balabac, Palawan, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: MORACEAE: *Ficus* sp. (Fig) including *F. racemosa*.

Uncommon/local.

164) *Chersonesia peraka* Distant, 1884

ROUNDED MAPLET/LITTLE MAPLET

Plate 31

Subspecies and distribution:

(i) *peraka* Distant, 1884 – Balabac, Palawan.

Recorded hostplant: MORACEAE: *Ficus glandulifera*.

Rare.

165) *Chersonesia intermedia* Martin, 1895

INTERMEDIATE MAPLET

Plate 31

Subspecies and distribution:

(i) *intermedia* Martin, 1895 – Mindanao, S. Palawan.

Recorded hostplant: MORACEAE: *Ficus racemosa*.

Rare.

166) *Chersonesia excellens* Martin, 1902 (listed in D'Abbrera (1984) only)

Not illustrated

Distribution: ?Palawan.

May not be resident in Philippines.

167) *Pandita sinope* Moore, [1858]

COLONEL

Plate 31

Subspecies and distribution:

(i) *sinope* Moore, [1858], Sanga Sanga, Sibutu.

(ii) *sinoria* C. & R. Felder, 1867 – Palawan, Calamian.

(iii) *satyrus* Schröder & Treadaway, 2003 – Tawi-Tawi.

Recorded hostplants: RUBIACEAE: *Mitragyna speciosa* (Ketum), *Nauclea subdita* (Bongkol/Bulubangkal), *Uncaria elliptica*.

Uncommon/local.

168) *Moduza thespias* Semper, 1889

Not illustrated

Distribution: Bohol, Camiguin de Mindanao, Leyte, Mindanao, Negros, Panay, Panaon, Samar.

Endemic; uncommon/local.

169) *Moduza procris* (Cramer, [1777])

COMMANDER

Plate 31

Subspecies and distribution:

(i) *beckyae* Schröder & Treadaway, 1987 – Balabac.

(ii) *pausanias* (Staudinger, 1889) – Calamian, Palawan.

(iii) *liberalis* Tsukada, 1991 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: RUBIACEAE: *Breonia chinensis*, *Cinchona* sp., *Mitragyna parvifolia*, *Morinda angustifolia*, *M. citrifolia* (Indian Mulberry/Noni), *Mussaenda frondosa*, *Nauclea orientalis* (Leichhardt Tree), *Neolamarckia cadamba* (Burflower Tree/Laran), *Neonauclea excelsa*, *Ochreinauclea missionis*, *Timonius wallichianus*,

Uncaria cordata, *U. elliptica*, *U. hirsuta*, *U. homomalla*, *Wendlandia luzoniensis*.

Uncommon/local.

170) *Moduza mata* (Moore, [1858])

Plate 32

Subspecies and distribution:

(i) *mata* (Moore, [1858]) – Luzon, Marinduque.

(ii) *amida* Fruhstorfer, 1912 – Cebu, Leyte, Masbate, Mindanao, Negros, Panay, Sibutu.

(iii) *mindorana* Tsukada, 1991 – Mindoro.

(iv) *avalokita* Fruhstorfer (listed in D'Abbrera (1984) only) – Mindanao.

Recorded hostplant: RUBIACEAE: *Nauclea orientalis* (Leichhardt Tree).

Endemic; uncommon/local.

171) *Moduza urdaneta* (C. & R. Felder, 1863)

Plate 32

Subspecies and distribution:

(i) *urdaneta* (C. & R. Felder, 1863) – Luzon, Mindanao.

(ii) *aynii* Nuyda, 1993 – Camiguin de Luzon.

(iii) *kawamurai* Hanafusa, 1987 – Polillo.

(iv) *miyabi* Tsukada, 1991 – Mindoro.

Endemic; uncommon/local.

172) *Moduza pintuyana* (Semper, 1878)

Plate 32

Subspecies and distribution:

(i) *pintuyana* (Semper, 1878) – Leyte, Mindanao, Panaon, Samar.

(ii) *gahiti* M. & T. Okano, 1989 – Bohol, Dinagat, Homonhon.

(iii) *mahastha* Fruhstorfer, 1913 – Basilan.

(iv) *tawitawiensis* Treadaway & Nuyda, 1994 – Sanga Sanga, Tawi-Tawi.

Endemic; uncommon/local.

173) *Moduza nuydai* Shirozu & Saigusa, 1970

Plate 32

Subspecies and distribution:

(i) *nuydai* Shirozu & Saigusa, 1970 – northern Luzon.

(ii) *hyugai* Treadaway & Nuyda, 1993 – northern Mindanao (Mt. Halcon).

Endemic; rare.

174) *Moduza jumaloni* (Schröder, 1976)

Not illustrated

Subspecies and distribution:

(i) *jumaloni* (Schröder, 1976) – Masbate, Negros, Panay.

(ii) *punctata* Schröder & Treadaway, 1980 – Sibuyan, [Romblon (D'Abbrera, 1984)].

Endemic; uncommon/local.

175) *Athyma pravara* Moore, 1858

LANCE SERGEANT/UNBROKEN SERGEANT

Plate 32

Subspecies and distribution:

(i) *arturodyi* Schröder & Treadaway, 1980 – Sibutu.

Recorded hostplants: RUBIACEAE: *Uncaria* species.

Very rare.

176) *Athyma salvini* Fruhstorfer, 1912 (D'Abbrera (1984) treats as a subspecies of *A. pravara*)

Plate 33

Distribution: Palawan.

Endemic; rare.

177) *Athyma alcamene* C. & R. Felder, 1863

Not illustrated

Subspecies and distribution:

(i) *alcamene* C. & R. Felder, 1863 – Basilan, Bohol, Leyte, Mindanao, Panaon, Samar.

(ii) *angelesi* Schröder & Treadaway, 1992 – Tawi-Tawi.

(iii) *baltazarae* Jumalon, 1975 (D'Abbrera (1984) treats as a subspecies of *A. pravara*) – Negros, western Panaon.

(iv) *generosior* Fruhstorfer, 1906 – Mindoro.

(v) *jagori* Fruhstorfer, 1906 (D'Abbrera (1984) treats as a separate species) – Luzon.

(vi) *masbatensis* Schröder & Treadaway, 1991 – Masbate.

Endemic; uncommon/local.

178) *Athyma reta* Moore, 1858

MALAY STAFF SERGEANT

Not illustrated

Subspecies and distribution:

(i) *suluana* Schröder & Treadaway, 1991 – Tawi-Tawi.

Rare.

179) *Athyma arayata* C. & R. Felder, 1863

Not illustrated

Distribution: Luzon (Mt. Arayat).

Endemic; rare.

180) *Athyma maenas* C. & R. Felder, 1863

Plate 33

Subspecies and distribution:

(i) *maenas* C. & R. Felder, 1863 – Burias, Luzon.

(ii) *semperi* Moore, 1896 – Basilan, Bohol, Dinagat, Leyte, Mindanao, Panaon, Samar.

(iii) *maenides* Fruhstorfer (listed in D'Abrera (1984) only) – Basilan.

Endemic; uncommon/local.

181) *Athyma speciosa* Staudinger, 1889

Plate 33

Subspecies and distribution:

(i) *speciosa* Staudinger, 1889 – Calamian, Palawan.

(ii) *preciosa* Fruhstorfer, 1912 (D'Abrera (1984) regards as a synonym of *speciosa*) – Balabac.

Endemic; uncommon/local.

182) *Athyma kasa* Moore, 1858

Plate 33

Subspecies and distribution:

(i) *kasa* Moore, 1858 – Babuyan, Luzon, Marinduque, Polillo.

(ii) *bignayana* Fruhstorfer, 1906 – Guimaras, Masbate, Negros, Panay, Sibutu, Siquijor.

(iii) *epimethis* C. & R. Felder, 1863 (D'Abrera (1984) treats as a separate species) – Mindoro.

(iv) *gordia* C. & R. Felder, 1863 (D'Abrera (1984) treats as a subspecies of *A. epimethis*) – Basilan, Camiguin de Mindanao, Dinagat, Mindanao.

(v) *leyteana* Murayama, 1982 – Leyte, Samar.

(vi) *paragordia* Semper, 1889 (D'Abrera (1984) treats as a subspecies of *A. epimethis*) – Bohol.

(vii) *parakasa* Semper, 1889 – Cebu, Camotes, [Mindanao (D'Abrera, 1984)].

(viii) *kasina* Fruhstorfer (listed in D'Abrera (1984) only) – Luzon.

(ix) *privata* Fruhstorfer (listed in D'Abrera (1984) only) – locality unknown.

(x) *bazilana* Fruhstorfer (listed in D'Abrera (1984) only) (D'Abrera (1984) treats as a subspecies of *A. epimethis*) – Basilan.

Recorded hostplants: PHYLLANTHACEAE: *Antidesma pleuricum* [PH], *Glochidion* species [PH].

Endemic; uncommon/local.

183) *Athyma saskia* Schröder & Treadaway, 1991

Not illustrated

Distribution: north-eastern and central-eastern Luzon.

Endemic; very rare.

184) *Athyma godmani* Staudinger, 1889

Plate 33

Subspecies and distribution:

(i) *godmani* Staudinger, 1889 – Palawan.

(ii) *reducta* Fruhstorfer, 1906 (D'Abrera (1984) regards as a synonym of *godmani*) – Balabac.

Endemic; uncommon/local.

185) *Athyma venata* Staudinger, 1889

Not illustrated

Distribution: Balabac, Palawan.

Endemic; uncommon/local.

186) *Athyma separata* Staudinger, 1889

Not illustrated

Subspecies and distribution:

(i) *separata* Staudinger, 1889 – Palawan.

(ii) *gracilis* Schröder, Treadaway & Nuyda, 1990 – Calamian.

Endemic; uncommon/local.

187) *Athyma asura* Moore, 1858

STUDDER SERGEANT

Plate 34

Subspecies and distribution:

(i) *tarpa* Staudinger, 1889 (D'Abrera (1984) treats as a subspecies of *A. kasa*) – Calamian, Palawan.

Recorded hostplants: AQUIFOLIACEAE: *Ilex cymosa*, *I. micrococca*. RUBIACEAE: *Aidia canthioides*.

Uncommon/local.

188) *Athyma mindanica* Murayama, 1978

Not illustrated

Distribution: Leyte, Mindanao, Samar.

Endemic; rare.

189) *Athyma obsoleta* Schröder & Treadaway, 1979

Not illustrated

Distribution: Dinagat, northern, central & eastern Mindanao.

Endemic; rare.

190) *Athyma perius* (Linnaeus, 1758)

COMMON SERGEANT

Plate 34

Subspecies and distribution:

(i) *perius* (Linnaeus, 1758) – Calamian, Busuanga.

Recorded hostplants: PHYLLANTHACEAE: *Glochidion eriocarpum*, *G. heyneanum*, *G. lanceolarium*, *G. philippicum*, *G. puberum*, *G. triandrum*, *G. wrightii*, *G. zeylanicum*, *Phyllanthus* species.

Rare.

191) *Athyma nefte* (Cramer, [1779])

COLOUR SERGEANT

Plate 34

Subspecies and distribution:

(i) *subrata* Moore, 1858 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: FABACEAE: *Adenanthera pavonina* (Red Lucky Seed). PHYLLANTHACEAE: *Breynia fruticosa*, *Bridelia* sp., *Glochidion calocarpum*, *G. eriocarpum*, *G. heyneanum*, *G. lanceolarium*, *G. puberum*, *G. rubrum*, *G. superbum*, *G. wrightii*, *G. zeylanicum*. RUBIACEAE: *Mussaenda frondosa* (Dhobi), *M. kerrii*, *M. philippica*, *M. sanderiana*, *Pseudomussaenda flava*.

Uncommon/local.

192) *Athyma selenophora* (Kollar, [1844])

STAFF SERGEANT

Plate 32

Subspecies and distribution:

(i) *shiraishii* Tsukada & Kaneko, 1985 – Palawan.

Recorded hostplants: PHYLLANTHACEAE: *Glochidion rubrum*. RUBIACEAE: *Adina pilulifera*, *Haldina cordifolia*, *Mussaenda erosa*, *M. frondosa*, *M. parviflora*, *Pavetta indica*, *Randia armata*, *Wendlandia formosana*.

Rare.

193) *Tacola larymna* (Doubleday, [1848])

GREAT SERGEANT

Not illustrated

Subspecies and distribution:

(i) *agina* Fruhstorfer, 1898 – Palawan.

(ii) *negrosiana* (Schröder & Treadaway, 1988) – northern Negros.

(iii) *panayana* Schröder & Treadaway, 1979 – western Panay.

Uncommon/local.

194) *Tacola magindana* (Semper, 1878)

Not illustrated

Subspecies and distribution:

(i) *magindana* (Semper, 1878) – Leyte, Mindanao, Samar.

(ii) *pizarrasi* M. & T. Okano, 1988 – Bohol.

(iii) *zilana* Fruhstorfer, 1906 – Basilan.

Endemic; uncommon/local.

195) *Tarratia gutama* (Moore, 1858)

Plate 34

Subspecies and distribution:

(i) *gutama* (Moore, 1858) – Babuyan, Luzon, Mindoro.

(ii) *canlaonensis* M. & T. Okano, 1986 – Negros.

(iii) *cebuensis* M. & T. Okano, 1986 – Cebu.

(iv) *sibuyana* Tsukada, 1991 – Sibuyan.

(v) *teldeniya* Fruhstorfer, 1912 – Balabac, Calamian, Palawan.

Endemic; uncommon/local.

196) *Tarratia cosmia* (Semper, 1878)

Plate 34

Subspecies and distribution:

(i) *cosmia* (Semper, 1878) – Bohol, Bongao, Camotes, Dinagat, Leyte, Mindanao, Samar, Sanga Sanga, Sibutu, Tawi-Tawi.

(ii) *pindola* Fruhstorfer, 1906 – Basilan.

Endemic; uncommon/local.

197) *Lebadea martha* (Fabricius, 1787)

KNIGHT

Plate 35

Subspecies and distribution:

(i) *jecieli* Schröder, Treadaway & Nuyda, 1990 – Calamian.

(ii) *paulina* Staudinger, 1889 – Balabac, Palawan.

(iii) *undulata* Schröder, Treadaway & Nuyda, 1990 – Sanga Sanga.

(iv) *tessellata* Schröder, Treadaway & Nuyda, 1990 – Sibutu.

Recorded hostplants: RHAMNACEAE: *Ziziphus attopensis*. RUBIACEAE: *Ixora congesta*, *I. javanica*.

Uncommon/local.

198) *Parthenos sylvia* (Cramer, [1775])

CLIPPER

Plate 35

Subspecies and distribution:

(i) *butlerinus* Fruhstorfer, 1898 – Balabac, Dumaran, Palawan.

(ii) *joloensis* Fruhstorfer, 1898 – Jolo.

(iii) *philippensis* Fruhstorfer, 1898 – Philippines excluding Balabac, Bongao, Dumaran, Jolo, Palawan, Sanga Sanga, Sibutu, Tawi-Tawi.

(iv) *selene* Schröder & Treadaway, 1991 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: CUCURBITACEAE: *Solena amplexicaulis*. MENISPERMACEAE: *Tinospora sinensis*. PASSIFLORACEAE: *Adenia hondala*, *A. penangiana*.

Locally common. This large species is very popular with many butterfly breeders.

199) *Tanaecia calliphorus* (C. & R. Felder, 1863)

Plate 35

Subspecies and distribution:

(i) *calliphorus* (C. & R. Felder, 1863) – Luzon, Marinduque, Polillo.

- (ii) *smaragdifera* Fruhstorfer, 1912 – Mindoro.
- (iii) *treadawayi* Tsukada, 1991 – Sibuyan.
- (iv) *volupia* Tsukada & Nishiyama, 1981 – Camiguin de Luzon.

Endemic; locally common. A forest species, usually seen singly along forest rides. Soetimes it will settle on low vegetation.

200) *Tanaecia dodong* (Schröder & Treadaway, 1878)

Not illustrated

Distribution: Masbate.

Endemic; rare.

201) *Tanaecia susoni* Jumalon, 1975

Not illustrated

Distributioon: Cebu.

Endemic; very rare.

202) *Tanaecia lupina* H. Druce, 1874 (D'Abrera (1984) treats as a subspecies of *T. leucotaenia*)

Plate 35 and 36

Subspecies and distribution:

- (i) *lupina* H. Druce, 1874 – Jolo.
- (ii) *borromeoi* Schröder, 1977 (D'Abrera (1984) treats as a separate species) – Sibuyan.
- (iii) *howarthi* Jumalon, 1975 (D'Abrera (1984) treats as a separate species) – Negros.
- (iv) *panayana* Schröder & Treadaway, 1980 (D'Abrera (1984) treats as a subspecies of *T. borromeoi*) – Panay.

Endemic; uncommon/local.

203) *Tanaecia leucotaenia* Semper, 1878

Plate 36

Subspecies and distribution:

- (i) *leucotaenia* Semper, 1878 – Biliran, Bohol, Camotes, Leyte, Panaon, Samar.
- (ii) *aquamarina* Fruhstorfer, 1912 – Mindanao.
- (iii) *dinorah* Fruhstorfer, 1899 – Basilan.
- (iv) *exul* Tsukada & Nishiyama, 1980 – Dinagat.
- (v) *kulaya* Treadaway & Nuyda, 1994 – Homonhon.

Endemic; uncommon/local.

204) *Tanaecia aruna* (C. & R. Felder, 1860)

SHORT-BANDED VISCOUNT

Plate 36

Subspecies and distribution:

- (i) *pallida* Schröder, Treadaway & Nuyda, 1990 – Calamian.
- (ii) *dohertyi* Butler, 1901 (D'Abrera (1984) treats as a subspecies of *T. pelea*, the MALAY VISCOUNT) – Sulu Archipelago.
- (iii) *palawana* Staudinger, 1889 (D'Abrera (1984) treats as a subspecies of *T. palguna* (Moore, [1858])) – Palawan.
- (iv) *rudraca* Fruhstorfer, 1913 (D'Abrera (1984) treats as a subspecies of *T. palguna* – Balabac.

Recorded hostplant (of *T. pelea*): PRIMULACEAE: *Ardisia paniculata*.

Uncommon/local.

205) *Cynitia cocytina* (Horsfield, 1829)

Plate 36

Subspecies and distribution:

- (i) *darani* Fruhstorfer, 1913 (D'Abrera (1984) treats as a subspecies of *C. iapis*) – Jolo.
- (ii) *uposatha* Fruhstorfer, 1913 – Balabac.

Recorded hostplants (of *C. iapis*): EUPHORBIACEAE: *Hancea subpeltata*.

MELASTOMATACEAE: *Astronia macrophylla*, *Melastoma malabathricum*.

PENTAPHYLACACEAE: *Eurya acuminata*.

Rare.

206) *Cynitia phlegethon* (Semper, 1888)

Not illustrated

Subspecies and distribution:

- (i) *phlegethon* (Semper, 1888) – Mindanao, [Samar, etc. (D'Abrera (1984) only)].
- (ii) *nirodha* Fruhstorfer, 1913 – Basilan.
- (iii) *visayana* Schröder & Treadaway, 1981 (D'Abrera (1984) treats as a subspecies of *C. cocytus*) – Leyte, Samar.

Endemic; uncommon/local.

207) *Cynitia godartii* (G. R. Gray, 1846)

MALAY COUNT

Plate 36 and 37

Subspecies and distribution:

(i) *dhayma* Fruhstorfer, 1913 – Jolo, Sibutu.

Rare.

208) *Cynitia semperi* (Staudinger, 1889) (D'Abrera (1984) treats as a subspecies of *C. iapis*)

HORSFIELD'S BARON

Not illustrated

Subspecies and distribution:

(i) *semperi* (Staudinger, 1889) – Palawan.

(ii) *candida* Schröder, Treadaway & Nuyda, 1990 – Calamian.

Endemic; uncommon/local.

209) *Euthalia monina* (Fabricius, 1787)

MALAY BARON

Plate 37

Subspecies and distribution:

(i) *kayumanggia* Treadaway & Nuyda, 1994 – Palawan.

(ii) *suluana* Fruhstorfer, 1902 – Sulu (Jolo).

Recorded hostplants: ANACARDIACEAE: *Mangifera pentandra*. CENTROPLACACEAE: *Bhesa paniculata* (Malayan Spindle Tree). DIPTEROCARPACEAE: *Shorea robusta*. EBENACEAE: *Diospyros melanoxylon* (Coromandel Ebony). EUPHORBIACEAE: *Hancea subpeltata*, *Macaranga bancana* (Common Mahang), *M. hullettii*.

Uncommon/local.

210) *Euthalia tanagra* Staudinger, 1889 (D'Abrera (1984) treats as a subspecies of *E. monina*)

Plate 37

Distribution: Palawan.

Endemic; rare.

211) *Euthalia aconthea* (Cramer, [1777])

BARON/MANGO BARON

Plate 37

Subspecies and distribution:

(i) *bongaoensis* Schröder, Treadaway & Nuyda, 1990 – Bongao, Sanga Sanga, Tawi-Tawi.

(ii) *joloana* Staudinger, 1889 – Jolo.

(iii) *obatrata* Yokochi, 1994 – Dumarán.

(iv) *palawana* Staudinger, 1889 – Calamian, Palawan.

(v) *sibutana* Schröder, Treadaway & Nuyda, 1990 – Sibutu.

Recorded hostplants: ANACARDIACEAE: *Anacardium occidentale* (Cashew), *Mangifera indica* (Mango). CUCURBITACEAE: *Bryonia* sp.. LORANTHACEAE: *Dendrophthoe pentandra*, *Scurrula parasitica*. MORACEAE: *Morus* sp., *Streblus asper* (Toothbrush Tree/Bogtalay), *Trophis aspera*. ROSACEAE: *Rosa* sp..

Uncommon/local.

212) *Euthalia alpheda* (Godart, 1824)

STREAKED BARON

Plate 38

Subspecies and distribution:

(i) *cusama* Fruhstorfer, 1913 – Dinagat, Homonhon, Mindanao.

(ii) *leytana* Schröder & Treadaway, 1982 – Leyte, Samar.

(iii) *liaoi* Schröder & Treadaway, 1982 – Negros, Panay.

(iv) *mindorensis* Schröder & Treadaway, 1982 – Mindoro.

(v) *phelada* Semper, 1888 – Luzon.

(vi) *rodriguezii* Schröder & Treadaway, 1982 – Palawan.

(vii) *sibuyana* Schröder & Treadaway, 1982 – Sibuyan, [Romblon (D'Abrera, 1984)].

(viii) *soregina* Fruhstorfer, 1913 – Sulu Archipelago.

Recorded hostplants: ANACARDIACEAE: *Mangifera indica* (Mango), *M. pentandra*.

Uncommon/local.

213) *Euthalia lusiada* (C. & R. Felder, 1863)

Plate 38

Subspecies and distribution:

(i) *lusiada* (C. & R. Felder, 1863) – Babuyan, Luzon, Marinduque.

(ii) *malissia* Fruhstorfer, 1913 – Basilan, Dinagat, Homonhon, Leyte, Mindanao, Panaon, Samar.

(iii) *soloni* M. & T. Okano, 1990 – Bohol.

(iv) *mindorana* Fruhstorfer, 1899 – Masbate, Mindoro.

(v) *schoenigi* Schröder & Treadaway, 1978 (D'Abrera (1984) treats as a subspecies of *E. merta* (Moore, 1859)) – Negros.

Endemic; uncommon/local.

214) *Euthalia mindanaensis* Schröder & Treadaway, 1978 (D'Abrera (1984) treats as a subspecies of *E. anosia*)

Not illustrated

Distribution: eastern Mindanao.

Endemic; very rare.

215) *Euthalia anosia* (Moore, [1858])

GREY BARON

Not illustrated

Subspecies and distribution:

(i) *tawitawia* Treadaway & Nuyda, 1994 – Tawi-Tawi.

Recorded hostplant: ANACARDIACEAE: *Mangifera indica* (Mango).

Very rare.

216) *Euthalia mahadeva* (Moore, 1859)

Not illustrated

Subspecies and distribution:

(i) *dacasini* Hanafusa, 1990 – Balabac.

(ii) *ingae* Schröder & Treadaway, 1990 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.

(iii) *rhamases* Staudinger, 1889 – Calamian, Palawan.

(iv) *yui* Yockochi, 1994 – Dumarán.

Uncommon/local.

217) *Euthalia lubentina* (Cramer, [1777])

GAUDY BARON

Plate 38

Subspecies and distribution:

(i) *boholensis* M. & T. Okano, 1990 – Bohol.

(ii) *goertzi* Jumalon, 1975 – Negros, Panaon.

(iii) *leytensis* Jumalon, 1975 – Leyte, Samar.

(iv) *mindorana* Tsukada, 1991 – Mindoro.

(v) *tsukada* Koçak, 1996 – location unknown.

(vi) *nadenya* Fruhstorfer, 1913 – Luzon, Marinduque.

(vii) *philippensis* Fruhstorfer, 1899 – Basilan, Dinagat, Mindanao.

Recorded hostplants: LORANTHACEAE: *Dendrophthoe glabrescens*, *Scurrula ferruginea*, *S. parasitica*, *Macrosolen cochinchinensis*.

Uncommon/local.

218) *Euthalia djata* Distant & Pryer, 1887

RED-SPOT BARON

Plate 38

Subspecies and distribution:

(i) *ludonia* Staudinger, 1889 – Palawan.

Recorded hostplant: LORANTHACEAE: *Scurrula* sp..

Uncommon/local.

219) *Euthalia adonia* (Cramer, [1779])

WHITE-BANDED RED BARON/GREEN BARON

Plate 38

Subspecies and distribution:

(i) *princesa* Fruhstorfer, 1899 – Palawan.

Recorded hostplants: ANACARDIACEAE: *Mangifera indica* (Mango). LORANTHACEAE:

Dendrophthoe pentandra, *Scurrula parasitica*.

Uncommon/local.

220) *Bassarona piratica* (Semper, 1888)

Plate 39

Subspecies and distribution:

(i) *piratica* (Semper, 1888) – Camiguin de Mindanao, Mindanao (D'Abrera (1984) gives Luzon, Mindoro).

(ii) *dinagatensis* Tsukada, 1991 – Dinagat.

(iii) *negrosiana* Schröder & Treadaway, 1987 – Negros.

(iv) *romeo* Schröder & Treadaway, 1987 – northern Mindanao.

(v) *sarmana* Fruhstorfer, 1913 – Basilan.

(vi) *subpiratica* Schröder & Treadaway, 1987 – Luzon.

(vii) *medaga* Fruhstorfer (listed in D'Abrera (1984) only) – Mindanao, Camiguin de Mindanao.

Endemic; uncommon/local.

221) *Bassarona dunya* (Doubleday, [1848])

GREAT MARQUIS

Plate 39

Subspecies and distribution:

(i) *monara* Fruhstorfer, 1913 – Palawan.

Uncommon/local.

222) *Bassarona teuta* (Doubleday, [1848])

BANDED MARQUIS

Plate 39

Subspecies and distribution:

- (i) *balabacana* Tsukada, 1991 – Balabac.
- (ii) *eson* de Nicéville, 1894 – Palawan.

Uncommon/local.

223) *Dophla evelina* (Stoll, 1790)

REDSPOT DUKE

Plate 39

Subspecies and distribution:

- (i) *albusequus* Nihira & Kawamura, 1986 – Sanga Sanga, Tawi-Tawi.
- (ii) *balabacana* Tsukada, 1991 – Balabac.
- (iii) *chloe* Schröder & Treadaway, 1990 – Masbate, Negros, Panay, Sibuyan.
- (iv) *circe* Schröder & Treadaway, 1990 – Sibutu.
- (v) *eva* Felder, 1867 – Babuyan, Catanduanes, Luzon, Marinduque, Mindoro.
- (vi) *proditrix* Fruhstorfer, 1913 – Basilan, Biliran, Bohol, Camiguin de Mindanao, Dinagat, Leyte, Mindanao, Panaon.
- (vii) *samarensis* Tsukada, 1991 – Samar.
- (viii) *tyawena* Fruhstorfer, 1913 – Calamian, Palawan.

Recorded hostplants: ANACARDIACEAE: *Anacardium occidentale* (Cashew).
EBENACEAE: *Diospyros candolleana*, *D. melanoxylon* (Coromandel Ebony), *D. philippinensis* (Persimmon, Mabolo) [PH]. FAGACEAE: *Lithocarpus falconeri*.
PHYLLANTHACEAE: *Antidesma montanum*.

Uncommon/local.

224) *Lexias hikarugenzi* Tsukada & Nishiyama, 1980

Not illustrated

Distribution: northern Luzon.

Endemic; rare.

225) *Lexias damalis* Erichson, 1834

Plate 39 and 40

Subspecies and distribution:

- (i) *damalis* Erichson, 1834 – Babuyan, Luzon.
- (ii) *antiquea* Schröder & Treadaway, 1980 – western Panay.

(iii) *galoa* Fruhstorfer, 1913 – Mindoro.

Endemic; uncommon/local.

226) *Lexias pardalis* (Moore, 1878)

ARCHDUKE

Plate 40

Subspecies and distribution:

(i) *cavarna* Fruhstorfer, 1913 – Balabac.

(ii) *ellora* Fruhstorfer, 1890 – Mindoro.

(iii) *tethys* Tsukada, 1991 – Palawan.

Recorded hostplants: HYPERICACEAE: *Cratoxylum cochinchinense* (Yellow Cow Wood), *C. formosum* (Pink Empat), *Hypericum monogynum*.

Locally common. Sometimes observed “mud-puddling” at the edges of streams and waterfalls.

227) *Lexias dirtea* (Fabricius, 1793)

BLACK-TIP ARCHDUKE

Plate 40

Subspecies and distribution:

(i) *palawana* Moore, 1897 – Calamian, Palawan.

Recorded hostplants: ARAUCARIACEAE: *Agathis robusta*. CARYOPHYLLACEAE: *Achyronychia* sp.. CLUSIACEAE: *Garcinia lateriflora*. HYPERICACEAE: *Cratoxylum maingayi*.

Uncommon/local.

228) *Lexias canescens* (Butler, [1869])

YELLOW ARCHDUKE

Not illustrated

Subspecies and distribution:

(i) *leopardina* Fruhstorfer, 1913 – Sulu Archipelago.

229) *Lexias satrapes* C. & R. Felder, 1861

Plate 40

Subspecies and distribution:

(i) *satrapes* C. & R. Felder, 1861 – Luzon, Mindoro, Polillo.

(ii) *amlana* Jumalon, 1970 – Masbate, Negros, western Panay.

(iii) *hiwaga* Nuyda & Kawamura, 1989 – Camiguin de Luzon.

- (iv) *ormocana* Jumalon, 1970 – Leyte, Samar.
- (v) *ornata* Schröder & Treadaway, 1979 – Sibuyan.
- (vi) *trapesa* Semper, 1888 – Mindanao.

Endemic; uncommon/local.

230) *Lexias panopus* C. & R. Felder, 1861

Plate 41

Subspecies and distribution:

- (i) *panopus* C. & R. Felder, 1861 – Luzon.
- (ii) *ingae* Schröder & Treadaway, 1987 – Negros, Panay.
- (iii) *miscus* Fruhstorfer, 1913 – Mindanao.
- (iv) *visayana* Schröder & Treadaway, 1987 – Bohol, Leyte, Samar.
- (v) *vistrica* Fruhstorfer, 1913 – Dinagat, Homonhon.

Endemic; uncommon/local.

231) *Pantoporia hordonia* (Stoll, 1790) (listed in D'Abbrera (1984) only)

COMMON LASCAR

Plate 41

Subspecies and distribution:

- (i) *doronia* Staudinger – Calamian, Palawan.

Recorded hostplants: FABACEAE: *Acacia* spp. including *A. caesia*, *Albizia corniculata*, *Archidendron clypearia*, *Falcataria moluccana* (Moluccan Sau/Falcata), *Delonix regia* (Royal Poinciana/Flamboyant), *Parkia speciosa* (Petai).

Uncommon/local.

232) *Pantoporia epira* C. & R. Felder, 1863

Not illustrated

Subspecies and distribution:

- (i) *epira* C. & R. Felder, 1863 – Burias.
- (ii) *heliobole* Semper, 1878 – eastern & central Mindanao, Samar.
- (iii) *luzonensis* Eliot, 1969 – northern Luzon.

Endemic; rare.

233) *Pantoporia paraka* (Butler, [1879])

PERAK LASCAR

Plate 41 and 42

Subspecies and distribution:

(i) *paraka* (Butler, [1879]) – Sibutu.

(ii) *olanguana* Tsukada & Kaneko, 1985 – Balabac, Palawan.

Recorded hostplants: FABACEAE: *Dalbergia candenatensis*, *D. rostrata*.

CONNARACEAE: *Cnestis palala*.

Uncommon/local.

234) *Pantoporia dama* (Moore, 1858)

Plate 42

Subspecies and distribution:

(i) *dama* (Moore, 1858) – Catanduanes, Luzon, Marinduque, Masbate, Mindoro, Negros, Panay, Sibutu.

(ii) *athene* Staudinger, 1889 – Balabac, Calamian, Palawan.

(iii) *babuyanensis* Tsukada & Kaneko, 1985 – Babuyan.

(iv) *camotesiana* Fruhstorfer, 1912 – Camotes.

(v) *commixta* Fruhstorfer, 1908 – Bohol, Cebu, Camiguin de Mindanao, Dinagat, Leyte, Mindanao, Panaon, Samar.

Endemic; common. Its black-and-white colour scheme is very similar to the common *Neptis mindorana* and it frequents much the same habitats though not as abundantly. Other similar species are much rarer and localised.

235) *Pantoporia cyrilla* (C. & R. Felder, 1863)

Plate 42

Subspecies and distribution:

(i) *cyrilla* (C. & R. Felder, 1863) – Camiguin de Luzon, Luzon, Polillo.

(ii) *athenais* C. & R. Felder, 1863 – Basilan, Bohol, Cebu, Camotes, Dinagat, Homonhon, Jolo, Leyte, Mindanao, Samar, Sarangani.

(iii) *attica* Semper, 1889 – Camiguin de Mindanao, Negros, Siquijor.

(iv) *phrygia* C. & R. Felder, 1863 (D'Abrera (1984) treats as a subspecies of *P. dama*) – Calamian, Mindoro.

(v) *shunichii* Tsukada & Kaneko, 1985 – Sanga Sanga, Sibutu.

Endemic; uncommon/local.

236) *Pantoporia antara* (Moore, 1858) (listed in D'Abrera (1984) only)

Not illustrated

Subspecies and distribution:

(i) *suluana* Eliot – Sulu.

237) *Lasippa bella* (Staudinger, 1889)

Plate 42

Distribution: Palawan.

Endemic; uncommon/local.

238) *Lasippa pata* (Moore, 1858)

Not illustrated

Subspecies and distribution:

(i) *pata* (Moore, 1858) – Luzon, Marinduque.

(ii) *patalina* (Semper, 1892) – Mindoro.

(iii) *semperi* Moore, 1899 – Bohol, Dinagat, Leyte, eastern Mindanao, Samar.

Endemic; uncommon/local.

239) *Lasippa illigerella* (Staudinger, 1889)

Plate 42

Distribution: Calamian, Palawan.

Endemic; uncommon/local.

240) *Lasippa illigera* (Eschscholtz, 1821)

Plate 42 and 43

Subspecies and distribution:

(i) *illigera* (Eschscholtz, 1821) – northern & central Luzon, Polillo.

(ii) *alabatana* Fruhstorfer, 1908 – Alabat, southern Luzon, Marinduque.

(iii) *calayana* Fruhstorfer, 1908 – Babuyan.

(iv) *hegesias* Fruhstorfer, 1912 – Guimaras, Negros, Panay.

(v) *pia* Fruhstorfer, 1908 – Basilan.

(vi) *sibuyana* Tsukada & Kaneko, 1985 – Sibuyan.

Recorded hostplant: COMBRETACEAE: *Combretum indicum* (Rangoon Creeper) [PH].

Endemic; locally common. In similar habitats to the rather similar-looking *Pantoporia dama*.

241) *Lasippa ebusa* (C. & R. Felder, 1863)

FULIGINOUS SAILOR

Plate 43

Subspecies and distribution:

(i) *ebusa* (C. & R. Felder, 1863) – Mindoro.

(ii) *euphemia* Fruhstorfer, 1908 – Jolo, Sanga Sanga, Tawi-Tawi.

(iii) *laetitia* Fruhstorfer, 1908 – Basilan, Bohol, Camiguin de Mindanao, Cebu, Dinagat, Homonhon, Letye, Mindanao, Samar.

Endemic; uncommon/local.

242) *Lasippa pizarrasi* M. & T. Okano, 1986

Not illustrated

Distribution: Bohol.

Endemic; very rare.

243) *Lasippa monata* (Weyenbergh, 1874)

TIGER LASCAR

Plate 150

Subspecies and distribution:

(i) *sibutuana* Tsukada & Kaneko, 1985 – Sibutu.

Uncommon/local.

244) *Neptis hylas* (Linnaeus, 1758)

COMMON SAILOR

Plate 43

Subspecies and distribution:

(i) *sopatra* Fruhstorfer, 1907 – Bongao, Jolo, Sanga Sanga, Siasi, Sibutu, Tawi-Tawi.

Recorded hostplants: CANNABACEAE: *Celtis boninensis*, *Trema orientalis*.
EUPHORBIACEAE: *Hevea brasiliensis*. FABACEAE: *Abrus precatorius* (Crab's Eye),
Aeschynomene americana, *Cajanus cajan* (Kadyos), *Calopogonium mucunoides*,
Canavalia cathartica, *C. ensiformis*, *C. gladiata*, *C. rosea*, *Crotalaria pallida*,
Centrosema molle, *Desmodium gangeticum*, *D. heterocarpon*, *D. heterophyllum*, *D.*
leptopus, *D. reticulatum*, *D. sequax*, *Entada phaseoloides*, *Flemingia macrophylla*,
Glycine max, *Hylodesmum laxum*, *H. podocarpum*, *Mucuna macrocarpa*, *Ohwia*
caudata, *Paracalyx* sp., *Phaseolus vulgaris* (Bean), *Phyllodium longipes*, *Psophocarpus*
tetragonolobus, *Pueraria montana*, *P. phaseoloides* (Tropical Kudzu), *Rhynchosia*
sp., *Tadehagi triquetrum*, *Vigna unguiculata*, *Xylia* sp.. ICACINACEAE: *Nothapodytes*
nimmoniana. MALVACEAE: *Bombax* sp., *Corchorus* sp., *Grewia* sp., *Helicteres* sp.,
Triumfetta rhomboidea, *Urena lobata*. MORACEAE: *Broussonetia papyrifera*.

Uncommon/local. A widespread Asian species which just penetrates the Philippines; in most of the archipelago it is replaced by *N. mindorana*.

245) *Neptis duryodana* Moore, 1858

MALAYAN SAILOR

Plate 43

Subspecies and distribution:

- (i) *emesa* Fruhstorfer, 1908 – Mapun (formerly Cagayan Sulu), Cuyo, Palawan.
- (ii) *mindorica* Murayama, 1983 – Mindoro.

Uncommon/local.

246) *Neptis cymela* C. & R. Felder, 1863

Plate 43

Subspecies and distribution:

- (i) *cymela* C. & R. Felder, 1863 – Babuyan, Luzon, Marinduque, Masbate, Negros, Panay, Panaon, Polillo, Sibuyan.
- (ii) *carvinus* Fruhstorfer, 1908 (D'Abrera (1984) regards as a synonym of *N. nitetis*) – Camiguin de Mindanao.
- (iii) *gatanga* Fruhstorfer, 1908 (D'Abrera (1984) regards as a synonym of *N. nitetis*) – Jolo, Sanga Sanga, Tawi-Tawi.
- (iv) *nitetis* Hewitson, 1868 (D'Abrera (1984) treats as a separate species) – Dinagat, Leyte, Mindanao, Samar.
- (v) *ormiscus* Fruhstorfer 1908 (D'Abrera (1984) regards as a synonym of *N. nitetis*) – Bohol, Cebu.
- (vi) *prodymus* Fruhstorfer, 1908 (D'Abrera (1984) regards as a synonym of *N. nitetis*) – Basilan.
- (vii) *samiola* Fruhstorfer, 1908 (D'Abrera (1984) regards as a synonym of *N. nitetis*) – Mindoro.

Endemic; uncommon/local.

247) *Neptis sunica* Eliot, 1969

Not illustrated

Distribution: Balabac, Palawan.

Endemic; uncommon/local.

248) *Neptis pampangana* C. & R. Felder, 1863

Not illustrated

Subspecies and distribution:

- (i) *pampangana* C. & R. Felder, 1863 – Luzon, Marinduque.
- (ii) *boholica* Moore, 1899 – Bohol, Cebu, Leyte, Mindanao, Samar.

(iii) *dormida* Eliot, 1969 – Mindoro.

(iv) *lizana* Fruhstorfer, 1900 – Basilan.

(v) *myleenae* Tsukada & Kaneko, 1985 – Negros, western Panay.

Recorded hostplant: MALVACEAE: *Sterculia lanceolata* [PH].

Endemic; uncommon/local.

249) *Neptis clinia* Moore, 1872

CLEAR SAILOR

Plate 43

Subspecies and distribution:

(i) *parthica* Fruhstorfer, 1908 – Cuyo, Dumarán, Palawan.

(ii) *solygeia* Fruhstorfer, 1908 (D'Abbrera (1984) treats as a subspecies of *N. mindorana*) – Jolo, Sibutu.

Recorded hostplants: CANNABACEAE: *Trema tomentosa*. MALVACEAE: *Ceiba pentandra* (Silk-cotton Tree/Kapok), *Sterculia villosa*. MORACEAE: *Ficus* sp..

Uncommon/local.

250) *Neptis mindorana* C. & R. Felder, 1863

Plate 43 and 44

Subspecies and distribution:

(i) *mindorana* C. & R. Felder, 1863 – Cuyo, Marinduque, Mindoro.

(ii) *harpasa* Fruhstorfer, 1912 – Balabac, Calamian, Dumarán, Palawan.

(iii) *ilocana* C. & R. Felder, 1863 – Camotes, Guimaras, Luzon, Negros, Panay, Polillo, Sibuyan, Siquijor.

(iv) *nosba* Fruhstorfer, 1912 – Bohol, Cebu, Camotes, Dinagat, Leyte, Panaon, Samar.

(v) *pseudosoma* Moore, 1899 – Basilan, Camiguin de Mindanao, Jolo, Mindanao, Siargao.

(vi) *palira* Fruhstorfer (listed in D'Abbrera (1984) only) – Basilan.

Endemic; very common. Primarily a forest species but tolerant of a wide range of habitats and can be seen in many rural locations especially where there are a few trees. It is by far the most common of a number of similar-looking species.

251) *Neptis felisimilis* Schröder & Treadaway, 1983

Not illustrated

Distribution: Palawan.

Endemic; rare.

252) *Neptis harita* Moore, [1875]

DINGIEST SAILOR/CHOCOLATE SAILOR

Not illustrated

Subspecies and distribution:

(i) *palawanica* Staudinger, 1889 (D'Abrera (1984) treats as a subspecies of *N. ilira* Kheil, 1884) – Palawan.

(ii) *calamiana* Schröder & Treadaway, 1995 – Calamian.

Recorded hostplant: URTICACEAE: *Poikilospermum suaveolens*.

Uncommon/local.

253) *Neptis omeroda* Moore, 1874

DINGY SAILOR

Plate 44

Subspecies and distribution:

(i) *omeroda* Moore, 1874 – Sibutu.

(ii) *occultus* Tsukada & Kaneko, 1985 – Balabac, Palawan.

Rare.

254) *Neptis cyra* C. & R. Felder, 1863

Not illustrated

Subspecies and distribution:

(i) *cyra* C. & R. Felder, 1863 – Luzon.

(ii) *canlaona* Murayama, 1983 – Negros, Panaon.

(iii) *elioti* Jumalon, 1975 (D'Abrera (1984) treats as a subspecies of *N. vibusa*) – Cebu.

(iv) *vibusa* Semper, 1889 (D'Abrera (1984) treats as a separate species) – Bohol, Dinagat, Leyte, Mindanao, Samar.

Endemic; uncommon/local.

255) *Neptis anjana* Moore, 1881

Not illustrated

Subspecies and distribution:

(i) *vidua* Staudinger, 1889 – Palawan.

Rare.

256) *Phaedyma columella* (Cramer, [1780])

SHORT-BANDED SAILOR

Plate 44

Subspecies and distribution:

- (i) *angara* Semper, 1889 – Camiguin de Mindanao.
- (ii) *eremita* C. & R. Felder, 1867 – Bohol, Catanduanes, Cebu, Guimaras, Luzon, Marinduque, Masbate, Negros, Panaon, Romblon, Sibuyan.
- (iii) *eumenaia* Fruhstorfer, 1912 – Mindoro.
- (iv) *mesogaia* Fruhstorfer, 1912 – Leyte, Mindanao, Samar.
- (v) *ophianella* Staudinger, 1889 – Balabac, Calamian, Palawan.
- (vi) *soror* Semper, 1889 – Camotes.

Recorded hostplants: FABACEAE: *Dalbergia* sp., *Desmodium reticulatum*, *Pterocarpus indicus* (Narra) [PH], *Tadehagi triquetrum*. HYPERICACEAE: *Cratoxylum cochinchinense* (Yellow Cow Wood). RHAMNACEAE: *Sageretia thea*. MALVACEAE: *Ceiba speciosa* (Silk Floss Tree), *Reevesia pubescens*, *R. thyrsoides*, *Sterculia foetida*, *S. lanceolata*, *Talipariti tiliaceum* (Sea Hibiscus).

Locally common.

257) *Dichorragia nesimachus* (Doyère, [1840])

CONSTABLE

Plate 44

Subspecies and distribution:

- (i) *kawamurai* Nihira, 1982 – Negros, Panay.
- (ii) *leytensis* Shimagami, 1990 – Leyte, Panaon.
- (iii) *luzonensis* Shimagami, 1990 – Luzon, Mindoro.
- (iv) *machates* Fruhstorfer, 1913 – Palawan.
- (v) *pesistratus* Fruhstorfer, 1913 – Mindanao.
- (vi) *samarensis* Tsukada, 1991 – northern Samar.

Recorded hostplants: SABIACEAE: *Meliosma callicarpifolia*, *M. fordii*, *M. myriantha*, *M. rhoifolia*, *M. rigida*, *M. simplicifolia*, *M. squamulata*, *M. tenua*.

Uncommon/local.

258) *Rohana parisatis* (Westwood, [1850])

BLACK PRINCE

Plate 44 and 150

Subspecies and distribution:

- (i) *nana* Staudinger, 1889 – Palawan.

Recorded hostplants: BALSAMINACEAE: *Impatiens violiflora*. CANNABACEAE: *Celtis philippensis*, *C. tetrandra*, *C. timorensis*.

Uncommon/local.

259) *Rohana rhea* (C. & R. Felder, 1863)

LUZON PRINCE

Plate 44 and 45

Subspecies and distribution:

- (i) *rhea* (C. & R. Felder, 1863) – Luzon, Marinduque, [Babuyan (D’Abrera, 1984)].
- (ii) *babuyana* Tsukada, 1991 – Camiguin de Luzon.
- (iii) *danae* Fruhstorfer, 1906 – Biliran, Bohol, Leyte, Mindanao, Panaon, Samar.
- (iv) *dinagatana* Tsukada, 1991 – Dinagat.
- (v) *mindora* Fruhstorfer, 1906 – Mindoro, [Bohol, Leyte, Siargao (D’Abrera, 1984)].
- (vi) *negrosa* Tsukada, 1991 – Cebu, Negros, Panay.
- (vii) *rana* Staudinger, 1889 – Palawan.
- (viii) *suluana* Tsukada, 1991 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.

Uncommon/local.

260) *Helcyra miyazakii* Tsukada, 1991

Not illustrated

Distribution: north-western Luzon.

Endemic; very rare.

261) *Hestinalis dissimilis* (Hall, 1935)

Not illustrated

Distribution: northern Luzon, northern Mindanao.

Endemic; rare.

262) *Hestinalis waterstradti* (Watkins, 1928)

Not illustrated

Subspecies and distribution:

- (i) *waterstradti* (Watkins, 1928) – southern Mindanao.
- (ii) *borealis* Tsukada, 1991 – northern Mindanao.

Endemic; rare.

263) *Euripus nyctelius* (Doubleday, 1845)

COURTESAN

Plate 45 and 150

Subspecies and distribution:

- (i) *clytia* C. & R. Felder, 1867 – Luzon [and northern islands (D’Abrera, 1984)].
- (ii) *marinduquanus* Treadaway, 1995 – Marinduque.

- (iii) *nysia* Semper, 1887 – Bohol, Camiguin de Mindanao, Leyte, Mindanao, Samar.
- (iv) *ophelion* Fruhstorfer, 1914 – Balabac.
- (v) *orestheion* Fruhstorfer, 1914 – Mindoro.
- (vi) *palawanicus* Fruhstorfer, 1899 – Palawan.
- (vii) *sparsus* Tsukada, 1991 – Negros, Panay.

Recorded hostplants: CANNABACEAE: *Trema cannabina* (Lesser Trema), *T. orientalis*, *T. tomentosa* (Rough Trema/Poison Peach). URTICACEAE: (unspecified).

Rare.

Subfamily Charaxinae

264) *Polyura athamas* (Drury, [1773])

COMMON NAWAB

Plate 45 and 151

Subspecies and distribution:

- (i) *kotakaii* Hanafusa, 1989 – Camiguin de Luzon.
- (ii) *acuta* Rothschild, 1899 – Philippines excluding Balabac, Bongao, Calamian, Camiguin de Luzon, Palawan, Sanga Sanga, Sibutu, Tawi-Tawi, [Luzon, Mindoro, Bohol, Mindanao (D'Abbrera, 1984)].
- (iii) *angustior* Schröder & Treadaway, 1990 – Bongao, Sanga Sanga, Tawi-Tawi.
- (iv) *palawanica* Rothschild, 1899 – Calamian, Palawan.
- (v) *uraeus* Rothschild, 1899 – Balabac.

Recorded hostplants: FABACEAE: *Acacia caesia*, *A. farnesiana*, *A. pennata*, *A. sinuata*, *Adenantha pavonina*, *Albizia* sp. [PH], *A. chinensis*, *A. corniculata*, *A. julibrissin* (Persian Silk Tree), *A. lebeck*, *Caesalpinia bonduc* (Grey Nicker), *C. globulorum*, *C. mimosoides*, *C. regia*, *C. sappan*, *Delonix regia* (Royal Poinciana), *Falcataria moluccana* (Moluccan Sau/Falcata), *Leucaena leucocephala*, *Peltophorum pterocarpum* (Yellow Poinciana), *Archidendron clypearia*, *Pithecellobium dulce* (Madras Thorn/Camachile), *Senegalia catechu* (Catechu). MALVACEAE: *Grewia* sp..

Locally common.

265) *Polyura moori* (Distant, [1883])

MALAYAN YELLOW NAWAB

Not illustrated

Subspecies and distribution:

- (i) *galeoni* Schröder & Treadaway, 1990 – Sanga Sanga, Tawi-Tawi.

Very rare.

266) *Polyura delphis* (Doubleday, 1843)

JEWELLED NAWAB

Plate 45

Subspecies and distribution:

(i) *nivea* Rothschild, 1899 – Palawan.

Recorded hostplants: FABACEAE: *Acacia* sp., *Callerya reticulata*, *Archidendron jiringa* (Jering).

Uncommon/local.

267) *Polyura schreiber* (Godart, [1824])

BLUE NAWAB

Plate 46 and 151

Subspecies and distribution:

(i) *bilarensis* Jumalon, 1975 – Bohol, Leyte, Panaon, Samar.

(ii) *delicatus* Tsukada, 1991 – Dinagat.

(iii) *luzonica* Rothschild, 1899 – Luzon, Marinduque, Mindoro, [Batanes (D'Abbrera, 1984)].

(iv) *mizunumai* Sato & Hanafusa, 1987 – Masbate, Negros.

(v) *praedicta* Schröder & Treadaway, 1980 – Palawan.

(vi) *toshikoe* Sato & Nishiyama, 1987 – Mindanao.

Recorded hostplants: ANNONACEAE: *Annona* sp.. CONNARACEAE: *Rourea minor*. FABACEAE: *Acacia auriculiformis* (Earleaf Acacia), *Adenanthera pavonina* (Red Lucky Seed/Red Saga), *Cynometra cauliflora*, *Moullava spicata* FAGACEAE: *Castanopsis* sp. [PH]. LAURACEAE: *Cinnamomum* sp.. MALVACEAE: *Ceiba pentandra* (Silk-cotton Tree/Kapok), *Theobroma cacao* (Cocoa Tree). RHIZOPHORACEAE: *Bruguiera cylindrica* (Bakau Putih), *Rhizophora apiculata*, *R. mucronata*. ROSACEAE: ?*Rosa* sp.. SAPINDACEAE: *Nephelium lappaceum* (Rambutan) [PH].

Uncommon/local.

268) *Charaxes solon* (Fabricius, 1793)

BLACK RAJAH

Plate 46

Subspecies and distribution:

(i) *lampedo* (Hübner, [1824]) – Cebu, Luzon, Marinduque, Mindoro, Negros, Panay, Sibuyan.

(ii) *orchomenus* Fruhstorfer, 1914 – Balabac, Calamian, Palawan.

(iii) *shohgun* Tsukada, 1991 – Bohol, Dinagat, Leyte, Mindanao, Panaon, Samar.

(iv) *tindongani* Schröder & Treadaway, 1989 – Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: FABACEAE: *Acacia auriculiformis* (Earleaf Acacia), *A. mangium*, *Dalbergia cochinchinensis*, *D. sissoo*, *Moullava spicata*, *Pithecellobium dulce* (Madras Thorn/Camachile) [PH], *Tamarindus indica* (Tamarind), *Xylia xylocarpa*.

Uncommon/local.

269) *Charaxes bajula* Staudinger, 1889 (D'Abrera (1984) treats as a subspecies of *C. bernardus*)

TAWNY RAJAH

Plate 46

Subspecies and distribution:

(i) *bajula* Staudinger, 1889 – Balabac, Calamian, Palawan.

(ii) *adoracion* Schröder & Treadaway, 1989 – Camiguin de Luzon, Luzon.

(iii) *basilisa* Schröder & Treadaway, 1982 – Cebu, Panay.

(iv) *planitus* Tsukada, 1991 – Dinagat, eastern Mindanao.

(v) *remulus* Tsukada, 1991 – Marinduque.

Endemic; uncommon/local.

270) *Charaxes amycus* C. & R. Felder, 1861

Plate 46

Subspecies and distribution:

(i) *amycus* C. & R. Felder, 1861 – Luzon, Polillo.

(ii) *basilium* Tsukada, 1991 – Dinagat.

(iii) *bayanii* Schröder & Treadaway, 1982 – Marinduque [Negros (D'Abrera, 1984)].

(iv) *boholensis* Tsukada, 1991 – Bohol.

(v) *carolus* Rothschild, 1900 – Mindanao, Camiguin de Mindanao.

(vi) *georgius* Staudinger, 1892 – Mindoro.

(vii) *leonido* Tsukada, 1991 – northern Samar.

(viii) *leytensis* M. & T. Okano, 1986 – Biliran, Leyte, Panaon.

(ix) *marion* Schröder & Treadaway, 1981 – Sibuyan, [Romblon group (D'Abrera, 1984)].

(x) *negrosensis* Schröder & Treadaway, 1982 – Negros.

(xi) *shunichii* Hanafusa, 1982 – Camiguin de Luzon.

(xii) *theobaldo* Schröder & Treadaway, 1982 – Masbate, western Panay.

(xiii) *myron* Fruhstorfer (listed in D'Abrera (1984) only) – Polillo, Guimaras.

(xiv) unnamed ssp. (listed in D'Abrera (1984) only) – Masbate.

Recorded hostplant: MELIACEAE: *Aglaiia rimosa* [PH].

Endemic; uncommon/local.

271) *Charaxes sangana* Schröder & Treadaway, 1988

Not illustrated

Subspecies and distribution:

(i) *sangana* Schröder & Treadaway, 1988 – Sanga Sanga, Tawi-Tawi.

(ii) *juwaki* Schröder & Treadaway, 1988 – Sibutu.

Endemic; uncommon/local.

272) *Charaxes antonius* Semper, 1878

Not illustrated

Subspecies and distribution:

(i) *antonius* Semper, 1878 – Mindanao.

(ii) *dinagatensis* Tsukada, 1991 – Dinagat.

(iii) *osadai* Hanafusa, 1985 – Bohol, Leyte, Panaon, Samar.

Endemic; uncommon/local.

273) *Charaxes plateni* Staudinger, 1889

Not illustrated

Subspecies and distribution:

(i) *plateni* Staudinger, 1889 – Balabac, Palawan.

(ii) *latifascia* Schröder, Treadaway & Nuyda, 1991 – Calamian.

Endemic; uncommon/local.

274) *Charaxes bupalus* Staudinger, 1889 – (D'Abbrera (1984) treats as a subspecies of *C. borneensis*)

Plate 46

Subspecies and distribution:

(i) *bupalus* Staudinger, 1889 – Palawan.

(ii) *rowelii* Schröder & Treadaway, 1993 – Balabac.

Endemic; uncommon/local.

275) *Charaxes harmodius* C. & R. Felder, [1867]

DOUBLE EYE-SPOTTED RAJAH

Plate 46

Subspecies and distribution:

(i) *harpagon* Staudinger, 1889 – Calamian, Palawan.

Uncommon/local.

276) *Prothoe franck* (Godart, [1824])

BLUE BEGUM

Plate 46 and 151

Subspecies and distribution:

(i) *aphrodite* Fruhstorfer, 1900 – Balabac, Palawan.

Recorded hostplants: ANNONACEAE: *Annona muricata* (Soursop/Guyabano),
Friesodielsia cuneiformis.

Uncommon/local.

277) *Prothoe semperi* Honrath, 1884 (D'Abrera (1984) treats as a subspecies of *P. franck*)

Not illustrated

Subspecies and distribution:

(i) *semperi* Honrath, 1884 – Leyte, central & western Mindanao, Panaon.

(ii) *boholensis* M. & T. Okano, 1989 – Bohol.

(iv) *gregalis* Tsukada, 1991 – eastern Mindanao.

(v) *samarensis* Tsukada, 1991 – northern Samar.

Endemic; uncommon/local.

278) *Prothoe plateni* Semper, 1892 (D'Abrera (1984) treats as a subspecies of *P. franck*)

Not illustrated

Distribution: southern Luzon, Mindoro.

Endemic; rare.

279) *Agatasa chrysodonia* Staudinger, 1890 (D'Abrera (1984) treats as a subspecies of *A. calydonia*)

GLORIOUS BEGUM

Plate 47 and 151

Subspecies and distribution:

(i) *chrysodonia* Staudinger, 1890 – Mindanao.

(ii) *heterodonia* Semper, 1892 – Mindoro.

(iii) *luzonensis* Schröder & Treadaway, 1988 – Luzon.

(iv) *mahasthama* Fruhstorfer (listed in D'Abrera (1984) only) – ?Palawan.

Recorded hostplant (of *A. calydonia*): ANNONACEAE: *Desmos chinensis*.

Endemic; rare.

Subfamily Morphinae

280) *Faunis phaon* (Erichson, 1834)

Plate 47

Subspecies and distribution:

- (i) *phaon* (Erichson, 1834) – Babuyan, northern & central Luzon, Marinduque, Polillo.
- (ii) *pan* Schröder & Treadaway, 2003 – central & south Luzon.
- (iii) *carfinia* Fruhstorfer, 1911 – Guimaras, southern Luzon, Masbate, Negros, Panay.
- (iv) *leucis* C. & R. Felder, 1861 (D'Abbrera (1984) treats as a separate species) – Basilan, Mindanao.
- (v) *lurida* C. & R. Felder, [1867] – Mindoro.
- (vi) *sibuyanensis* Aoki & Uémura, 1982 – Sibuyan, [Romblon (D'Abbrera, 1984)].
- (vii) *iconion* Fruhstorfer (listed in D'Abbrera (1984) only) – locality unspecified.

Recorded hostplants: ARECACEAE: *Caryota cumingii*. MUSACEAE: *Musa* sp.. (Banana). SMILACACEAE: *Smilax* sp.. PANDANACEAE: *Pandanus* sp. (Screw Pine/Pandan).

Endemic; common. The *Faunis* species are confined to forest habitats and usually fly low down among vegetation in the shade. This is by far the most common species in the genus.

281) *Faunis stomphax* Westwood, 1858

BANDED FAUN

Plate 47 and 48

Subspecies and distribution:

- (i) *plateni* Staudinger, 1889 – Palawan.

Uncommon/local.

282) *Faunis sappho* Semper, 1878

Not illustrated

Subspecies and distribution:

- (i) *sappho* Semper, 1878 – Bohol.
- (ii) *ameinokleia* Fruhstorfer, 1911 – Camiguin de Mindanao.
- (iii) *dinagatensis* Aoki & Uémura, 1982 – Dinagat.
- (iv) *kleis* Semper, 1878 – Camotes, Leyte, Panaon, Samar, Siargao.

Endemic; uncommon/local.

283) *Taenaris horsfieldi* (Swainson, [1820])

Plate 48

Subspecies and distribution:

(i) *plateni* Staudinger, 1889 – Palawan.

Recorded hostplant: SMILACACEAE: *Smilax* sp..

Uncommon/local.

284) *Discophora sondaica* Boisduval, 1836

COMMON DUFFER

Plate 48 and 151

Subspecies and distribution:

(i) *semperi* Moore, 1895 – eastern & central Mindanao.

(ii) *camdao* Schröder & Treadaway, 1995 – Camiguin de Mindanao.

(iii) *samarana* Schröder & Treadaway, 1995 – Samar.

Recorded hostplants: ARECACEAE: *Cocos nucifera* (Coconut). POACEAE: *Bambusa* sp. (Bamboo) including *B. multiplex* (Hedge Bamboo/Chinese Dwarf Bamboo) and *B. vulgaris* (Common Bamboo), *Saccharum officinarum* (Sugar Cane), *Schizostachyum grande*.

Very rare.

285) *Discophora simplex* Staudinger, 1889

Not illustrated

Subspecies and distribution:

(i) *simplex* Staudinger, 1889 – Calamian, Palawan.

Rare.

286) *Discophora necho* C. & R. Felder, [1867]

BLUE DUFFER

Not illustrated

Subspecies and distribution:

(i) *confluens* Schröder & Treadaway, 1989 – Sibutu.

(ii) *erasimus* Fruhstorfer, 1911 – Jolo, Sanga Sanga, Tawi-Tawi.

(iii) *guyi* Treadaway & Nuyda, 1994 – Sibuyan.

(iv) *mariebellae* Nihira, Nuyda & Kitamura, 1994 – Panay.

(v) *mindorana* Fruhstorfer, 1911 – Marinduque, Mindoro.

(vi) *odora* Fruhstorfer, 1900 – Calamian, Palawan.

(vii) *sahi* Treadaway & Nuyda, 1994 – Balabac.

Recorded hostplant: POACEAE: *Bambusa* sp. (Bamboo).

Uncommon/local.

287) *Discophora philippina* Moore, 1895

Not illustrated

Distribution: Basilan, Bohol, Cebu, Camiguin de Mindanao, Camotes, Jolo, Leyte, Mindanao, Panaon, Samar.

Endemic; uncommon/local.

288) *Discophora ogina* (Godart, [1824])

Plate 48

Subspecies and distribution:

(i) *ogina* (Godart, [1824]) – Luzon, Marinduque, Mindanao, Polillo.

(ii) *pulchra* Nihira, 1987 – Masbate, Negros, Panay.

Endemic; locally common. The *Discophora* species are essentially forest butterflies but are sometimes found in more open habitats; they tend to fly in shade and are also crepuscular; sometimes they will come into houses attracted to the light like moths.

289) *Discophora dodong* Schröder & Treadaway, 1981

Plate 49

Distribution: Panay, Negros.

Endemic; uncommon/local.

290) *Amathusia phidippus* (Linnaeus, 1758)

PALM KING

Plate 49

Subspecies and distribution:

(i) *phidippus* (Linnaeus, 1758) – Babuyan, northern & central Luzon, Marinduque, Polillo.

(ii) *cebuensis* M. & T. Okano, 1986 – Cebu.

(iii) *negrosensis* M. & T. Okano, 1986 – Masbate, Negros, Panay, Sibuyan.

(iv) *pollicaris* Butler, 1870 – Philippines excluding Bongao, Cebu, Masbate, Negros, Panay, Sanga Sanga, Sibutu, Sibuyan, Tawi-Tawi.

(v) *palawana* Fruhstorfer (listed in D'Abrera (1984) only) – Palawan.

Recorded hostplants: ARECACEAE: *Areca* sp., *Borassus flabellifer* (Asian Palmyra Palm/Sugar Palm), *Cocos nucifera* (Coconut), *Corypha* sp., *Cyrtostachys renda* (Red Sealing Wax Palm), *Elaeis guineensis* (African Oil Palm), *Metroxylon sagu* (Sago

Palm), *Nypa fruticans* (Nipa Palm). MUSACEAE: *Musa X paradisiaca* (Banana).

Common. As with all this subfamily, it is very much a butterfly of the shade and often crepuscular.

291) *Amathuxidia amythaon* (Doubleday, 1847)

KOH-I-NOOR

Plate 49 and 151

Subspecies and distribution:

- (i) *negrosensis* Schröder & Treadaway, 1980 – Negros.
- (ii) *perinthas* Fruhstorfer, 1911 – Mindanao.
- (iii) *philippina* Moore, 1895 – Leyte, Panaon, Samar.

Uncommon/local.

292) *Zeuxidia semperi* C. & R. Felder, 1861

Plate 151 and 152

Subspecies and distribution:

- (i) *semperi* C. & R. Felder, 1861 – Luzon, Polillo.
- (ii) *excelsa* Rothschild, 1916 – Negros.
- (iii) *therionarca* Fruhstorfer, 1911 – Mindoro.

Endemic; uncommon/local.

293) *Zeuxidia sibulana* Honrath, 1884

Plate 49

Subspecies and distribution:

- (i) *sibulana* Honrath, 1884 – eastern & southern Mindanao.
- (ii) *medicieloi* Schröder, 1977 – Leyte, Samar.

Endemic; uncommon/local.

294) *Zeuxidia amethystus* Butler, 1865

SATURN

Plate 49

Subspecies and distribution:

- (i) *amethystina* Stichel, 1906 – Camiguin de Mindanao, Mindanao.
- (ii) *tawiensis* Schröder & Treadaway, 1991 – Sanga Sanga, Tawi-Tawi.
- (iii) *victrix* Staudinger, 1889 – Balabac, Palawan.

Uncommon/local.

Subfamily Satyrinae

295) *Melanitis leda* (Linnaeus, 1758)

COMMON EVENING BROWN

Plate 49 and 152

Subspecies and distribution:

(i) *leda* (Linnaeus, 1758) – Philippines generally.

Recorded hostplants: ARECACEAE: *Elaeis guineensis* (African Oil Palm). POACEAE: *Apluda mutica*, *Axonopus* sp., *Bambusa* sp. including *B. multiplex* (Hedge Bamboo/ Chinese Dwarf Bamboo), *Capillipedium parviflorum*, *Coix lacryma-jobi* (Job's-tears), *Digitaria cruciata*, *D. sanguinalis*, *Eleusine indica*, *Imperata cylindrica* (Blady Grass/ Lalang), *Microstegium ciliatum*, *Miscanthus floridulus*, *M. sinensis*, *Oryza sativa* (Rice), *Panicum maximum* (Guinea Grass), *P. repens*, *Paspalum* sp., *Pennisetum glaucum* (Pearl Millet), *P. purpureum*, *Poa pratensis*, *Saccharum officinarum* (Sugar Cane), *Setaria megaphylla*, *S. viridis*, *Sorghum bicolor* (Sorghum), *Stenotaphrum secundatum* (Buffalo grass), *Zea mays* (Maize), *Zizania latifolia* (Manchurian Wild Rice).

Very common. Occurs in Metro Manila. Although it is active in the daytime, flying amongst low vegetation, it is also crepuscular and is quite regularly attracted to light. This is by far the most common of the Philippine *Melanitis* species.

296) *Melanitis atrax* (C. & R. Felder, 1863)

Plate 50

Subspecies and distribution:

(i) *atrax* (C. & R. Felder, 1863) – Alabat, Babuyan, Burias, Luzon, Marinduque, Polillo, Sibuyan.

(ii) *bazilana* Fruhstorfer, 1908 – Basilan.

(iii) *cajetana* Semper, 1886 – Bohol, Cebu, Camotes, Leyte, Samar.

(iv) *elya* Fruhstorfer, 1911 (D'Abbrera (1984) gives spelling as *clya*) – Jolo, Sanga Sanga, Sibutu, Tawi-Tawi.

(v) *erichsonia* C. & R. Felder, 1863 – Mindoro.

(vi) *lucillus* Fruhstorfer, 1908 – Camiguin de Mindanao, Dinagat, Mindanao.

(vii) *soloni* M. & T. Okano, 1991 – Masbate, Negros, Panay.

Endemic; uncommon/local.

297) *Melanitis zitenius* (Herbst, 1796)

GREAT EVENING BROWN

Plate 50 and 152

Subspecies and distribution:

(i) *xantophthalmus* Staudinger, 1889 – Palawan.

Recorded hostplants: POACEAE: *Bambusa* sp., *Dendrocalamus giganteus* (Dragon Bamboo), *Dinochloa andamanica*.

Uncommon/local.

298) *Melanitis boisduvalia* (C. & R. Felder, 1863)

Plate 152

Subspecies and distribution:

(i) *boisduvalia* (C. & R. Felder, 1863) – Philippines excluding Balabac, Basilan, Palawan, Sulu Archipelago [Luzon (D'Abrera, 1984)].

(ii) *palawanica* Fruhstorfer, 1908 – Balabac, Palawan.

(iii) *pompeja* Fruhstorfer, 1911 – Basilan.

(iv) *carales* Fruhstorfer (listed in D'Abrera (1984) only) – Mindoro.

(v) *ernita* Fruhstorfer (listed in D'Abrera (1984) only) – Mindanao, ?Bohol, etc.

Endemic; uncommon/local.

299) *Melanitis phedima* (Cramer, [1780]) (listed in D'Abrera (1984) only)

DARK EVENING BROWN

Plate 50

Subspecies and distribution:

(i) *nuwara* Fruhstorfer – Luzon, Mindoro.

Recorded hostplants: POACEAE: *Bambusa* sp. (Bamboo), *Brachiaria mutica* (Para Grass), *Capillipedium parviflorum*, *Coix* sp., *Isachne globosa*, *Microstegium ciliatum*, *Miscanthus sinensis*, *Oryza sativa* (Rice), *Polytrias indica*, *Saccharum* sp., *Setaria palmifolia*, *S. plicata*, *Thysanolaena latifolia*, *Zea mays* (Maize).

300) *Elymnias nesaea* (Linnaeus, 1764)

TIGER PALMFLY

Plate 50 and 152

Subspecies and distribution:

(i) *tawicola* Schröder & Treadaway, 1989 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: ARECACEAE: *Areca catechu* (Areca palm/Bunga), *Calamus* sp. (Rattan/Kumabo), *Cocos nucifera* (Coconut), *Cyrtostachys renda* (Red Sealing Wax Palm), *Ptychosperma macarthurii* (MacArthur Palm).

Uncommon/local.

301) *Elymnias congruens* Semper, 1887

Not illustrated

Subspecies and distribution:

- (i) *congruens* Semper, 1887 – Biliran, Catanduanes, Leyte, Panaon, Samar [?Cebu (D’Abrera, 1984)].
- (ii) *endida* Fruhstorfer, 1911 – Bohol.
- (iii) *jekoi* Schröder & Treadaway, 1989 – central & northern Luzon.
- (iv) *phaios* Fruhstorfer, 1907 – southern Mindanao.
- (v) *photinus* Fruhstorfer, 1907 – northern Mindanao.
- (vi) *rafaela* Fruhstorfer, 1907 – Basilan.
- (vii) *salipi* Schröder & Treadaway, 1989 – Sanga Sanga, Tawi-Tawi.
- (viii) *subcongruens* Semper, 1892 – southern Luzon, Marinduque, Mindoro.
- (ix) *neergaardorum* Schröder & Treadaway, 2003 – Masbate.

Endemic; uncommon/local.

302) *Elymnias panthera* (Fabricius, 1787)

TAWNY PALMFLY

Plate 50

Subspecies and distribution:

- (i) *suluana* Fruhstorfer, 1899 – Mapun (formerly Cagayan Sulu).

Recorded hostplants: ARECACEAE: *Arenga obtusifolia*, *Caryota mitis* (Fishtail Palm), *Licuala spinosa* (Mangrove Fan Palm), *Metroxylon sagu* (Sago Palm), *Pinanga coronata*, *Ptychosperma macarthurii* (MacArthur Palm).

303) *Elymnias parce* Staudinger, 1889 (D’Abrera (1984) treats as a subspecies of *E. panthera*)

Plate 50

Subspecies and distribution:

- (i) *parce* Staudinger, 1889 – Balabac, Calamian, Dumarán, southern Mindoro, Palawan.
- (ii) *justini* Schröder & Treadaway, 2003 – Busuanga.

Endemic; common.

304) *Elymnias dara* Distant & Pryer, 1887

WHITE-BANDED PALMFLY

Plate 152

Subspecies and distribution:

- (i) *albofasciata* Staudinger, 1889 – Balabac, Dumarán, Palawan.

Recorded hostplant: POACEAE: *Bambusa* sp. (Bamboo).

Uncommon/local.

305) *Elymnia sansoni* Jumalon, 1975

Not illustrated

Distribution: Cebu, Negros, Panay.

Endemic; uncommon/local.

306) *Elymnia luteofasciata* Okubo, 1980

Not illustrated

Distribution: southern & south-eastern Mindanao.

Endemic; rare.

307) *Elymnia melias* C. & R. Felder, 1863

Plate 50 and 152

Subspecies and distribution:

(i) *melias* C. & R. Felder, 1863 – Burias, central & southern Luzon, Polillo.

malis Semper, 1887 – northern Luzon [Polillo (D'Abbrera, 1984)].

Recorded hostplant: ARECACEAE: *Ptychosperma macarthurii* (MacArthur Palm)
[PH].

Endemic; uncommon/local.

308) *Elymnia beza* Hewitson, 1877

Not illustrated

Subspecies and distribution:

(i) *beza* Hewitson, 1877 – Mindanao.

(ii) *samarana* Schröder & Treadaway, 1980 – Leyte, Samar.

Endemic; uncommon/local.

309) *Elymnia kochi* Semper, 1887 (D'Abbrera (1984) treats as a subspecies of *E. beza*)

Not illustrated

Distribution: eastern Luzon.

Endemic; very rare.

310) *Elymnia casiphonides* Semper, 1892

Not illustrated

Subspecies and distribution:

(i) *casiphonides* Semper, 1892 – Mindanao.

(ii) *sanrafaela* Schröder & Treadaway, 1980 – northern Samar.

Endemic; uncommon/local.

311) *Elymnias kanekoi* Tsukada & Nishiyama, 1980

Not illustrated

Distribution: northern Negros.

Endemic; uncommon/local.

312) *Elymnias esaca* (Westwood, [1851])

GREEN PALMFLY

Plate 153

Subspecies and distribution:

(i) *egialina* (C. & R. Felder, 1863) – Babuyan, north-eastern Luzon, Marinduque, northern Mindoro, Negros, Panay.

(ii) *georgi* Fruhstorfer, 1907 – Mindanao.

(iii) *andrewi* Schröder & Treadaway, 2003 – Leyte, Samar.

Recorded hostplant: ORCHIDACEAE: *Acriopsis liliifolia* [unlikely, as most *Elymnias* species feed exclusively on ARECACEAE].

Rare.

313) *Neorina lowii* (Doubleday, [1849])

Plate 51

MALAYAN OWL

Subspecies and distribution:

(i) *princesa* Staudinger, 1889 – Balabac, Palawan.

Recorded hostplant: POACEAE: *Dendrocalamus giganteus*.

Uncommon/local.

314) *Zethera hestioides* C. & R. Felder, 1861

Not illustrated

Distribution: Mindanao.

Endemic; uncommon/local.

315) *Zethera pimplea* (Erichson, 1834)

WALLACEAN

Plate 51

Subspecies and distribution:

(i) *pimplea* (Erichson, 1834) – Babuyan, Burias, Camiguin de Luzon, Luzon, Marinduque, Mindoro, Polillo.

(ii) *diloris* Fruhstorfer (listed in D’Abrera (1984) only) – Babuyanes.

Recorded hostplant: POACEAE: *Dinochloa scandens* [PH].

Endemic; common. Flies low down amongst vegetation in wooded habitats. The species is strongly sexually dimorphic.

316) *Zethera musa* C. & R. Felder, 1861

Plate 52

Subspecies and distribution:

(i) *mindorana* Fruhstorfer (listed in D’Abrera (1984) only) – Mindoro.

(ii) unspecified ssp. (listed in D’Abrera (1984) only) – “various localities” including Mindanao, Basilan, etc.

Endemic; uncommon/local.

317) *Zethera musides* Semper, 1878

Plate 52

Distribution: Cebu, Guimaras, Masbate, Negros, Panay, Siquijor, Ticao.

Endemic; locally common.

318) *Zethera thermaea* Hewitson, 1877

Plate 52

Distribution: Samar, Bohol, Leyte, Panaon.

Endemic; locally common.

319) *Zophoessa dataensis* Semper, 1887

Not illustrated

Subspecies and distribution:

(i) *dataensis* Semper, 1887 – north-western & southern Luzon.

(ii) *nihirae* Treadaway & Nuyda, 1993 – northern Mindoro.

Endemic; uncommon/local.

320) *Lethe europa* (Fabricius, 1775)

BAMBOO TREE-BROWN

Plate 52 and 153

Subspecies and distribution:

- (i) *alaca* Fruhstorfer, 1911 – Balabac, Calamian, Dumarán, Palawan.
- (ii) *cevanna* Fruhstorfer, 1911 – Philippines excluding Balabac, Calamian, Dumarán, Palawan, Sanga Sanga, Sibutu.
- (iii) *acutefascia* Schröder & Treadaway, 1991 – Sanga Sanga, Sibutu.

Recorded hostplants: POACEAE: *Bambusa multiplex* (Hedge Bamboo/Chinese Dwarf Bamboo), *B. oldhamii*, *B. tuldooides*, *B. vulgaris* (Common Bamboo), *Dinochloa andamanica*, *Microstegium ciliatum*, *Phyllostachys makinoi*, *Pleioblastus linearis*.

Common.

321) *Lethe chandica* (Moore, [1858])

ANGLED RED FORESTER

Plate 52, 53 and 153

Subspecies and distribution:

- (i) *canlaonensis* M. & T. Okano, 1991 – Negros.
- (ii) *negrito* C. & R. Felder, 1863 – Burias, Luzon, Marinduque, Polillo.
- (iii) *byzaccus* Fruhstorfer, 1911 – Bohol, Leyte, Mindanao, Samar.
- (iv) *jomaria* Fruhstorfer, 1911 – Jolo.
- (v) *ratnapandi* Fruhstorfer, 1911 – D’Abrera (1984) regards this as a subspecies of *L. mekara* – Calamian, Palawan.
- (vi) *sisapon* Fruhstorfer, 1911 – Mindoro.

Recorded hostplants: POACEAE: *Dendrocalamus asper*, *D. giganteus*, *Miscanthus sinensis*, *Yushania niitakayamensis*.

Uncommon/local.

322) *Lethe mekara* (Moore, [1858]) – (listed in D’Abrera (1984) only)

COMMON RED FORESTER

Plate 53

Subspecies and distribution:

- (i) unspecified – Palawan.

323) *Ptychandra lorquinii* C. & R. Felder, 1861

LORQUIN’S SATYR

Plate 53 and 153

Subspecies and distribution:

- (i) *lorquinii* C. & R. Felder, 1861 – Camiguin de Luzon, Luzon, Marinduque, Mindoro, Polillo.
- (ii) *boholensis* M. & T. Okano, 1989 – Bohol.

(iii) *leytensis* Banks, Holloway & Barlow, 1967 (D'Abrera (1984) treats as a separate species) – Leyte, Samar.

(iv) *plateni* Semper, 1892 – Mindanao.

(v) *bazilana* Fruhstorfer, 1899 – Basilan.

Recorded hostplants: POACEAE: *Bambusa* sp. (Bamboo) [PH], *Dinochloa scandens* [PH].

Endemic; common. The males are very distinct with their iridescent purple uppersides. They tend to fly amongst low vegetation in forest habitats and beside streams. This is by the far the most common and most widely distributed of the *Ptychandra* species.

324) *Ptychandra ohtanii* Hayashi, 1978

Not illustrated

Subspecies and distribution:

(i) *ohtanii* Hayashi, 1978 – southern Mindanao (Mt. Apo).

(ii) *lizae* Hayashi, 1984 – Leyte.

Endemic; rare.

325) *Ptychandra schadenbergi* Semper, 1887

Not illustrated

Distribution: Mindanao.

Endemic; uncommon/local.

326) *Ptychandra mindorana* Semper, 1892 (D'Abrera (1984) treats as a subspecies of *P. lorquinii*)

Not illustrated

Distribution: Marinduque, Mindoro.

Endemic; uncommon/local.

327) *Ptychandra leucogyne* C. & R. Felder, [1867]

Plate 53

Distribution: Camiguin de Luzon, Cebu, Luzon, Negros, Panay, Samar.

Endemic; uncommon/local.

328) *Ptychandra negrosensis* Banks, Holloway & Barlow, 1976

Plate 54

Distribution: Bohol, Masbate, Negros, western Panay.

Endemic; uncommon/local.

329) *Orsotriaena medus* (Fabricius, 1775)

NIGGER

Plate 54

Subspecies and distribution:

(i) *medus* (Fabricius, 1775) – Philippines generally.

Recorded hostplants: POACEAE: *Imperata cylindrica* (Blady Grass/Lalang) [PH], *Oplismenus compositus* (Running Mountain-grass) [PH], *Oryza sativa* (Rice) [PH].

Common. Very similar in habits and general appearance to the *Mycalesis* species and often flies with them amongst low-growing vegetation.

330) *Mycalesis ita* C. & R. Felder, 1863

Plate 54

Subspecies and distribution:

(i) *ita* C. & R. Felder, 1863 – Alabat, Luzon, Marinduque [?Polillo (D'Abbrera, 1984)].

(ii) *jmeli* Schröder, Treadaway & Nuyda, 1991 – Camiguin de Luzon.

(iii) *imeldae* Aoki & Uémura, 1982 – Mindanao.

(iv) *maitim* Aoki & Uémura, 1982 – Bohol, Leyte, Samar.

(v) *palawensis* Fruhstorfer, 1909 – Palawan.

(vi) *sinonia* Fruhstorfer, 1911 – Mindoro.

Recorded hostplant: POACEAE: *Oplismenus compositus* (Running Mountain-grass).

Endemic; common. A brighter-coloured species than most *Mycalesis*; it tends to fly more in the open and sometimes basks on leaves of shrubs with wings open.

331) *Mycalesis kashiwaii* Aoki & Uémura, 1982

Not illustrated

Subspecies and distribution:

(i) *kashiwaii* Aoki & Uémura, 1982 – Mindoro.

(ii) *pula* Aoki & Uémura, 1982 – Luzon, Marinduque.

Endemic; rare.

332) *Mycalesis georgi* Aoki & Uémura, 1982

Not illustrated

Subspecies and distribution:

(i) *georgi* Aoki & Uémura, 1982 – central & southern Luzon, Marinduque, Negros.

(ii) *ilocano* Aoki & Uémura, 1982 – northern Luzon.

Endemic; uncommon/local.

333) *Mycalesis felderi* Butler, 1868

Plate 54

Subspecies and distribution:

- (i) *felderi* Butler, 1868 – Basilan, Cebu, Dinagat, Leyte, Mindanao, Samar, Siargao.
- (ii) *bilara* M. & T. Okano, 1990 – Bohol.
- (iii) *jolana* Fruhstorfer, 1911 – Jolo, Sanga Sanga, Tawi-Tawi.
- (iv) *palawanensis* Fruhstorfer (listed in D'Abrera (1984) only) – Palawan.

Endemic; locally common.

334) *Mycalesis kurosawai* Kashiwai, 1986

Not illustrated

Distribution: Sibuyan.

Endemic; rare.

335) *Mycalesis teatus* Fruhstorfer, 1911

Plate 55

Subspecies and distribution:

- (i) *teatus* Fruhstorfer, 1911 – Guimaras, Masbate, Negros, Panay.
- (ii) *ardens* Kashiwai, 1986 – Tablas.
- (iii) *romblonana* Kashiwai, 1986 – Romblon.

Endemic; uncommon/local.

336) *Mycalesis treadawayi* Schröder, 1986

Plate 55

Subspecies and distribution:

- (i) *treadawayi* Schröder, 1986 – northern Mindanao.
- (ii) *cotabatana* Schröder & Treadaway, 1991 – eastern & southern Mindanao.
- (iii) *malindangensis* Schröder & Treadaway, 1991 – north-western Mindanao.

Endemic; uncommon/local.

337) *Mycalesis tagala* C. & R. Felder, 1863

Plate 55

Subspecies and distribution:

- (i) *tagala* C. & R. Felder, 1863 – Burias, Luzon, Marinduque.
- (ii) *henrica* Fruhstorfer, 1911 (D'Abrera (1984) gives spelling as *hernica*) – Jolo.

- (iii) *mataurus* Fruhstorfer, 1911 – Guimaras, Negros, Panay.
- (iv) *mindorana* Fruhstorfer, 1900 – Mindoro.
- (v) *palawana* Fruhstorfer, 1908 – Balabac, Palawan.
- (vi) *semirasa* Fruhstorfer, 1908 – Basilan, Mindanao.
- (vii) *venostes* Fruhstorfer, 1911 – Bohol, Leyte, Panaon, Samar.

Recorded hostplants: POACEAE: unspecified grasses.

Endemic; common.

338) *Mycalesis bisaya* C. & R. Felder, 1863

Plate 55 and 56

Subspecies and distribution:

- (i) *bisaya* C. & R. Felder, 1863 – Babuyan, Burias, Luzon, Marinduque, Polillo.
- (ii) *baboy* Aoki & Uémura, 1982 – Leyte.
- (iii) *samina* Fruhstorfer (listed in D'Abbrera (1984) only) – Mindoro.

Endemic; uncommon/local.

339) *Mycalesis janardana* Moore, [1858]

LESSER BUSH BROWN

Plate 56

Subspecies and distribution:

- (i) *circella* Fruhstorfer, 1911 – Bohol, Leyte, Panaon.
- (ii) *micromede* Fruhstorfer, 1900 – Basilan, Mindanao.

Rare.

340) *Mycalesis perseus* (Fabricius, 1775)

COMMON BUSH BROWN/DINGY BUSH BROWN

Plate 56

Subspecies and distribution:

- (i) *acarya* Fruhstorfer, 1911 – Palawan.
- (ii) *caesonia* Wallengren, 1860 – Bohol, Cebu, Leyte, Luzon, Mindoro, Mindanao, Negros, Panay.

Recorded hostplants: POACEAE: *Axonopus compressus* (Wide-leaved Carpet Grass/Cow Grass) [PH], *Digitaria ciliaris*, *Imperata cylindrica* (Blady Grass/Lalang), *Ischaemum ciliare* (Smut Grass), *Oplismenus compositus* (Running Mountain-grass) [PH], *Oryza sativa* (Rice).

Very common. Occurs in Metro Manila. Some of the *Mycalesis* species are difficult to distinguish; in *M. perseus* the band of eye-spots on the underside of the hindwing

has a distinct inward curve as well as an outward one.

341) *Mycalesis mineus* (Linnaeus, 1758)

DARK BRAND BUSH BROWN

Plate 56 and 57

Subspecies and distribution:

(i) *philippina* Moore, 1892 – Alabat, Bohol, Catanduanes, Cuyo, Guimaras, Luzon, Mindoro, Negros, Palawan.

(ii) *justinella* Butler (listed in D'Abrera (1984) only) - Philippines generally.

Recorded hostplants: POACEAE: *Axonopus compressus* (Wide-leaved Carpet Grass/ Cow Grass), *Eleusine indica*, *Leersia hexandra*, *Lophatherum gracile*, *Microstegium ciliatum*, *Oryza sativa* (Rice), *Paspalum conjugatum* (Buffalo Grass/Hilo Grass), *Pogonatherum crinitum*, *Saccharum officinarum* (Sugar Cane) [PH], *Thysanolaena latifolia*.

Very common. Occurs in Metro Manila. The line of eye-spots on the underside of the hindwing is straighter than in *M. perseus* and does not curve inwardly. These species fly quite slowly amongst low-growing vegetation in grassy habitats.

342) *Mycalesis horsfieldi* (Moore, [1892])

Plate 57

Subspecies and distribution:

(i) *leucinoe* Fruhstorfer, 1908 – Jolo, Palawan.

Recorded hostplants: POACEAE: *Imperata cylindrica* (Blady Grass/Lalang), *Oryza sativa* (Rice), *Saccharum officinarum* (Sugar Cane).

Very rare.

343) *Mycalesis igoleta* C. & R. Felder, 1863

Plate 57

Subspecies and distribution:

(i) *igoleta* C. & R. Felder, 1863 – Alabat, Babuyan, Leyte, Luzon, Marinduque, Samar.

(ii) *mangyan* Aoki & Uémura, 1982 – Mindoro.

(iii) *negrosensis* Aoki & Uémura, 1982 – Bohol, Guimaras, Negros, Panay, Romblon.

Recorded hostplant: POACEAE: *Digitaria radicata*.

Endemic; common. Easily confused with *M. mineus* but its general appearance is smaller and more triangular.

344) *Mycalesis frederici* Aoki & Uémura, 1982

Not illustrated

Distribution: Bohol, Camiguin de Mindanao, Leyte, Mindanao, Samar, Siargao.

Endemic; uncommon/local.

345) *Mycalesis tamarau* Aoki & Uémura, 1982

Not illustrated

Distribution: Mindoro.

Endemic; very rare.

346) *Mycalesis orseis* Hewitson, [1864]

PURPLE BUSH BROWN

Plate 57

Subspecies and distribution:

(i) *flavotincta* Staudinger, 1889 – Balabac, Palawan.

Recorded hostplant: POACEAE: *Cyrtococcum patens*.

Uncommon/local.

347) *Mycalesis aramis* Hewitson, 1866

Plate 58

Distribution: northern Luzon.

Endemic; locally common. It is quite numerous in Baguio.

348) *Erites argentina* Butler, 1868

EYED CYCLOPS

Plate 58

Subspecies and distribution:

(i) *ochreana* Staudinger, 1889 – Balabac, Calamian, Palawan.

Uncommon/local.

349) *Ragadia luzonia* C. & R. Felder, 1861

STRIPED RINGLET

Plate 58

Subspecies and distribution:

(i) *luzonia* C. & R. Felder, 1861 – Alabat, Luzon, Marinduque, Polillo.

(ii) *luteofasciata* Yamaguchi & Aoki, 1982 – Sibuyan [Romblon (D'Abrera, 1984)].

(iii) *masbatensis* Yamaguchi & Aoki, 1982 – Masbate.

(iv) *negrosensis* Yamaguchi & Aoki, 1982 – Negros.

(v) *obscura* Yamaguchi & Aoki, 1982 – Catanduanes.

(vi) *treadawayi* Yamaguchi & Aoki, 1982 – Panay.

Recorded hostplants: *Selaginella delicatula* (Spikemoss), *S. fenixii* [PH], *S. labordei* [PH], *S. uncinata* [PH].

Endemic; locally common. A forest species. Of the Philippine *Ragadia* species this is the most widely distributed.

350) *Ragadia crohonica* Semper, 1886

Not illustrated

Distribution: Leyte, Samar, Panaon.

Endemic; uncommon/local.

351) *Ragadia maganda* Yamaguchi & Aoki, 1982

Not illustrated

Distribution: Palawan.

Endemic; rare.

352) *Ragadia tsukadai* Yamaguchi & Aoki, 1982

Plate 58

Distribution: Palawan.

Endemic; rare.

353) *Ragadia mindorana* Semper, 1982 (D'Abbrera (1984) treats as a subspecies of *R. luzonia*)

Not illustrated

Distribution: Mindoro.

Endemic; uncommon/local.

354) *Ragadia melindena* C. & R. Felder, 1863

Plate 58

Subspecies and distribution:

(i) *melindena* C. & R. Felder, 1863 – Camiguin de Mindanao, Sarangani.

(ii) *boholensis* M. & T. Okano, 1990 – Bohol.

(iii) *kakahuyan* Yamaguchi & Aoki, 1982 – Leyte, Samar.

Endemic; uncommon/local.

355) *Acrophthalmia artemis* C. & R. Felder, 1861

PALE RINGLET

Plate 58

Subspecies and distribution:

(i) *artemis* C. & R. Felder, 1861 – Babuyan, Catanduanes, Luzon, Marinduque, Masbate.

(ii) *misarte* Semper, 1892 – Mindoro.

(iii) *machares* Fruhstorfer (listed in D'Abbrera (1984) only) – Basilan, ?Mindanao.

Recorded hostplants: SELAGINELLACEAE: *Selaginella delicatula*, *S. fenixii* [PH], *S. labordei*.

Endemic; locally common. Inhabits similar areas to *Ragadia* species; the hostplants are ferns.

356) *Acrophthalmia leto* Semper, 1887 (D'Abbrera (1984) treats as a subspecies of *A. artemis*)

Plate 58

Subspecies and distribution:

(i) *leto* Semper, 1887 – Bohol.

(ii) *leytensis* Uémura & Yamaguchi, 1982 – northern Leyte.

(iii) *ochine* Semper, 1887 – Basilan, Dinagat, central & southern Leyte, Mindanao, Panaon, Samar, Siargao.

Endemic; uncommon/local.

357) *Acrophthalmia yamashitai* Uémura & Yamaguchi, 1982

Plate 59

Distribution: Negros, Panay.

Endemic; uncommon/local.

358) *Acrophthalmia albofasciata* Uémura & Yamaguchi, 1982

Not illustrated

Distribution: central & southern Mindanao.

Endemic; uncommon/local.

359) *Acrophthalmia luzonica* Uémura, 1992

Not illustrated

Distribution: northern Luzon.

Endemic; rare.

360) *Ypthima baldus* (Fabricius, 1775)

COMMON FIVE-RING

Plate 59

Subspecies and distribution:

(i) *selinuntius* Fruhstorfer, 1911 – Balabac, Palawan.

Recorded hostplants: POACEAE: *Axonopus compressus* (Wide-leaved Carpet Grass/Cow Grass), *Brachiaria mutica* (Para Grass), *Cynodon dactylon*, *Isachne globosa*, *Microstegium ciliatum*, *Miscanthus floridulus*, *M. sinensis*, *Oplismenus undulatifolius* (Wavy-leaf Basket-grass), *Paspalum conjugatum* (Buffalo Grass/Hilo Grass), *Pogonatherum crinitum*.

Uncommon/local. A widespread Asian species which just penetrates the Philippines; in most of the archipelago it is replaced by *Y. stelleri*.

361) *Ypthima stelleri* (Eschscholtz, 1821)

Plate 59

Subspecies and distribution:

(i) *stelleri* (Eschscholtz, 1821) – Basilan, Bohol, Cebu, Camotes, Luzon, Leyte, Marinduque, Mindoro, Mindanao, Negros, Panay, Panaon, Romblon, Samar, Siargao.

(ii) *galeria* Fruhstorfer, 1911 – Balabac, Calamian, Palawan.

Recorded hostplants: POACEAE: *Digitaria radicata* [PH], *Oplismenus compositus* (Running Mountain-grass) [PH].

Endemic; very common. Occurs in Metro Manila. To be found in most grassy places flying low down amongst vegetation.

362) *Ypthima norma* (Westwood, 1851)

SMALL THREE-RING

Not illustrated

Subspecies and distribution:

(i) *aei* Shirozu & Shima, 1977 – northern Luzon.

Recorded hostplants: POACEAE: unspecified grasses.

Uncommon/local.

363) *Ypthima sempera* C. & R. Felder, 1863 – (D'Abrera (1984) treats as a subspecies of *Y. pandocus* (Moore, [1858])

COMMON THREE-RING

Plate 59 and 60

Subspecies and distribution:

- (i) *sempera* C. & R. Felder, 1863 – Alabat, Bohol, Camotes, Guimaras, Leyte, Luzon, Marinduque, Masbate, Mindoro, Negros, Panay, Panaon, Samar.
- (ii) *aquillius* Fruhstorfer, 1911 – Balabac, Calamian, Cuyo, Palawan.
- (iii) *calanus* Fruhstorfer, 1911 – Jolo, Sanga Sanga, Sibutu, Tawi-Tawi.
- (iv) *chaboras* Fruhstorfer, 1911 – Basilan, Camiguin de Mindanao, Mindanao, Sarangani.

Recorded hostplants (of *Y. pandocus*): POACEAE: *Bambusa* sp. (Bamboo), *Imperata cylindrica* (Blady Grass/Lalang), *Miscanthus sinensis*, *Paspalum conjugatum* (Buffalo Grass/Hilo Grass).

Endemic; very common. Abundant in most grassy places if not quite as widely distributed as *Y. stelleri*.

364) *Ypthima sensilis* Kashiwai, 1982

Not illustrated

Distribution: Mindanao.

Recorded hostplant: POACEAE: *Oplismenus* sp. [PH].

Endemic; rare.

Subfamily Danainae

365) *Parantica aspasia* (Fabricius, 1787)

YELLOW GLASSY TIGER

Plate 60

Subspecies and distribution:

- (i) *cerilla* Fruhstorfer, 1911 – Balabac, Calamian, Palawan.
- (ii) *flymbra* Fruhstorfer, 1911 – Dumaran.
- (iii) *annetta* Swinhoe (listed in D'Abrera (1982) only) – Balabac.

Recorded hostplants: APOCYNACEAE: *Gymnema* sp., *Raphistemma* sp., *Tylophora indica*.

Uncommon/local.

366) *Parantica vitrina* (C. & R. Felder, 1861)

Plate 60

Subspecies and distribution:

- (i) *vitrina* (C. & R. Felder, 1861) – Luzon, Marinduque, Mindoro.
- (ii) *oenone* (Butler, 1865) – Bohol, Cebu, Leyte, Mindanao, Negros, Panay, Samar [Mindoro (D'Abrera, 1982)].

Recorded hostplants: APOCYNACEAE: *Cynanchum liukiense* [PH], *Gymnema pachyglossum* [PH], *Marsdenia tomentosa* [PH], *Tylophora perrottetiana* [PH], *Vincetoxicum macrophyllum* [PH], *V. tanakae* [PH].

Endemic; common. A forest species.

367) *Parantica phyle* (C. & R. Felder, 1863)

Plate 60

Distribution: northern Luzon.

Endemic; uncommon/local.

368) *Parantica milagros* Schröder & Treadaway, 1980

Not illustrated

Subspecies and distribution:

(i) *milagros* Schröder & Treadaway, 1980 – south-eastern Luzon, Mt. Isarog.

(ii) *fideli* Treadaway & Nuyda, 1993 – northern Mindanao.

Endemic; uncommon/local.

369) *Parantica luzonensis* (C. & R. Felder, 1863)

Plate 60 and 61

Subspecies and distribution:

(i) *luzonensis* (C. & R. Felder, 1863) – Philippines excluding Balabac & Palawan.

(ii) *simonides* Fruhstorfer, 1911 (D'Abbrera (1982) regards as a synonym of *luzonensis*) – Balabac, Palawan.

Recorded hostplants: APOCYNACEAE: *Marsdenia tinctoria*, *Tylophora perrottetiana*.

Common. In similar habitats to *P. vitrina*.

370) *Parantica schoenigi* Jumalon, 1971

Not illustrated

Distribution: Mindanao, San Vicente.

Endemic; rare.

371) *Parantica sita* (Kollar, [1844])

CHESTNUT TIGER

Plate 61

Subspecies and distribution:

(i) *oblita* Tsukada & Nishiyama, 1980 – southern Palawan.

(ii) *santomasi* Schröder & Treadaway, 1982 – Babuyan, northern Luzon.

Recorded hostplants: APOCYNACEAE: *Asclepias curassavica* (Butterfly Weed/Bulak/Damo), *Cynanchum atratum*, *C. caudatum*, *C. lanhsuense*, *C. ovalifolium*, *C. sieboldii*, *C. sub lanceolatum*, *Dregea volubilis*, *Heterostemma brownii*, *Hoya carnosae*, *Jasminanthes mucronata*, *Marsdenia formosana*, *M. roylei*, *M. tinctoria*, *M. tomentosa*, *Metaplexis* sp., *Tylophora floribunda*, *T. ovata*, *Vincetoxicum aristolochioides*, *V. macrophyllum*, *V. tanakae*.

Rare.

372) *Parantica davidi* (Schröder, 1976)

Not illustrated

Distribution: Negros, Mt. Canlaon (4,000–7,000 feet).

Endemic; rare.

373) *Parantica dannatti* Talbot, 1936

Not illustrated

Subspecies and distribution:

(i) *dannatti* Talbot, 1936 – southern Mindanao (Mt. Apo).

(ii) *dinataensis* Takei & Yamamoto, 1979 (Treadaway (1995) gives spelling as *diuataensis*) – northern & north-eastern Mindanao.

(iii) *malindangensis* Yamamoto & Takei, 1980 – north-western Mindanao (Mt. Malindang).

(iv) *reyesi* Schröder & Treadaway, 1984 – southern Mindanao (Mt. Parker).

Endemic; uncommon/local.

374) *Parantica noeli* Treadaway & Nuyda, 1984

Not illustrated

Distribution: northern Mindoro (Mt. Halcon).

Endemic; very rare.

375) *Ideopsis vulgaris* (Butler, 1874)

BLUE GLASSY TIGER

Plate 61

Subspecies and distribution:

(i) *palawana* Staudinger, 1889 – Balabac, Calamian, Dumarán, Palawan.

Recorded hostplants: APOCYNACEAE: *Cryptolepis dubia*, *Gymnema acuminata*, *Parsonsia alboflavescens*, *Tylophora flexuosa*. MENISPERMACEAE: *Cocculus laurifolius*, *Diploclisia glaucescens*.

Uncommon/local.

376) *Ideopsis juvenata* (Cramer, [1777])

GREY GLASSY TIGER

Plate 61

Subspecies and distribution:

- (i) *luzonica* Moore, 1883 – Babuyan.
- (ii) *manillana* Moore, 1883 – Philippines excluding Babuyan, Balabac, Calamian, Palawan, Sulu Archipelago.
- (iii) *suluana* Moore, 1883 – Bongao, Jolo, Sanga Sanga, Siasi, Sibutu, Tawi-Tawi.
- (iv) *kinitis* Fruhstorfer – Balabac, Calamian, Palawan.
- (v) *garia* Fruhstorfer (listed in D'Abbrera (1982) only) – Basilan.

Recorded hostplants: APOCYNACEAE: *Gymnema* sp., *Pergularia odoratissima*, *Telosma cordata*. PIPERACEAE: *Piper longum* (Long Pepper).

Very common. In forests and many other locations where there are trees.

377) *Ideopsis gaura* (Horsfield, [1829])

SMALLER WOOD NYMPH

Plate 61 and 62

Subspecies and distribution:

- (i) *anapina* Semper, 1892 – Leyte, Mindoro, Samar.
- (ii) *anapis* Felder, 1861 – Luzon (excluding north-eastern), Marinduque.
- (iii) *bracara* Fruhstorfer, 1910 – north-eastern Luzon.
- (iv) *canalonii* Jumalon, 1971 – Negros.
- (v) *glaphyra* Moore, 1883 – Mindanao (excluding eastern, southern & south-eastern).
- (vi) *messala* Fruhstorfer, 1910 – eastern Mindanao (2,500–3,000 feet).
- (vii) *palawana* Fruhstorfer, 1910 – Calamian, Palawan.
- (viii) *panayana* Schröder & Treadaway, 1984 – Panay.
- (ix) *pellucida* Schröder & Treadaway, 1984 (D'Abbrera (1982) regards as a synonym of *glaphyra*) – southern & south-eastern Mindanao.

Recorded hostplant: APOCYNACEAE: *Melodinus orientalis*.

Uncommon/local.

378) *Tirumala septentrionis* (Butler, 1874)

DARK BLUE TIGER

Plate 62 and 153

Subspecies and distribution:

- (i) *palawana* Fruhstorfer, 1899 – Palawan, Panay.
- (ii) *suanetes* Fruhstorfer, 1911 – Balabac.
- (iii) *valentia* Fruhstorfer, 1911 – southern & south-eastern Mindanao.
- (iv) *orientalis* Semper, 1879 – Philippines excluding Cuyo, Camotes, Jolo, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: ANACARDIACEAE: *Melanorrhoea usitata*. APOCYNACEAE: *Heterostemma brownii*, *Vallaris solanacea*. MENISPERMACEAE: *Cocculus laurifolius*, *Diploclisia glaucescens*.

Uncommon/local.

379) *Tirumala hamata* (McLeay, 1827)

DARK BLUE TIGER

Plate 62 and 153

Subspecies and distribution:

- (i) *nepthys* Fruhstorfer, 1911 – Jolo, Sanga Sanga, Sibutu, Tawi-Tawi.
- (ii) *orientalis* Semper, 1879 – Philippines excluding Cuyo, Camotes, Jolo, Sanga Sanga, Sibutu, Tawi-Tawi [Palawan (D'Abbrera, 1982)].
- (iii) *pelagia* Fruhstorfer, 1911 – Cuyo.
- (iv) *tibula* Fruhstorfer, 1911 – Camotes.

Recorded hostplants: APOCYNACEAE: *Cryptostegia grandiflora*, *Hoya australis*, *H. carnosa*, *Leichardtia* sp., *Marsdenia* sp., *Parsonsia straminea*, *Secamone elliptica*, *Tylophora* sp..

Common. Difficult to distinguish from *T. limniace*.

380) *Tirumala limniace* (Cramer, [1775])

BLUE TIGER

Plate 62, 63 and 153

Subspecies and distribution:

- (i) *tumanana* Semper, 1886 (D'Abbrera (1982) treats as a subspecies of *T. choaspes*) – Tumanao Island, south-eastern Mindanao.
- (ii) *orestilla* Fruhstorfer, 1910 – Luzon, Marinduque, Masbate, Mindoro, Negros, Panay.

Recorded hostplants: APOCYNACEAE: *Asclepias* sp., *Calotropis* sp., *Dregea volubilis*, *Heterostemma brownii*, *H. cuspidatum*, *Holarrhena pubescens*, *Hoya viridiflora*, *Marsdenia tenacissima*. MENISPERMACEAE: *Cocculus* sp..

Common. Habitat-tolerant and sometimes to be found in large numbers in agricultural areas where there are some trees and bushes.

381) *Tirumala ishmoides* (Moore, 1883)

Plate 63

Subspecies and distribution:

- (i) *sontinus* Fruhstorfer, 1911 – Luzon, Marinduque, Masbate, Mindoro, Negros, Romblon.
- (ii) *strymon* Fruhstorfer, 1911 – Bohol, Mindanao.
- (iii) *vetus* Talbot, 1943 – Jolo, Siasi.
- (iv) *trasinanus* Fruhstorfer (listed in D'Abbrera (1982) only) – Cebu.

Uncommon/local.

382) *Danaus chrysippus* (Linnaeus, 1758)

PLAIN TIGER

Plate 63

Subspecies and distribution:

- (i) *chrysippus* (Linnaeus, 1758) – Philippines generally.

Recorded hostplants: APOCYNACEAE: *Asclepias curassavica* (Butterfly weed/Bulak/Damo/ Blood Flower), *A. fulva*, *A. reflexa*, *A. cucullata*, *A. stenophylla*, *A. syriaca*, *Aspidoglossum interruptum*, *Calotropis gigantea* (White Ivory plant/Kapal-kapal/Giant Milkweed), *C. procera*, *Caralluma* sp., *Ceropegia* sp., *Cynanchum abyssinicum*, *C. acutum*, *C. altiscandens*, *C. amplexicaule*, *C. floribundum*, *C. sublancoelatum*, *Daemia atropurpurea*, *D. quinquepartita*, *Gomphocarpus cancellatus*, *G. fruticosus*, *G. kaessneri*, *G. physocarpus*, *G. semilunatus*, *G. swynnertonii*, *Hoya carnosa*, *Huernia* sp., *Ischnostemma* sp., *Kanahia laniflora*, *Leptadenia lancifolia*, *Marsdenia australis*, *M. leichhardtiana*, *Metaplexis japonica*, *Pachycarpus lineolatus*, *Pentarrhinum* sp., *Pergularia daemia*, *Periploca linearifolia*, *Pleurostelma cernuum*, *Raphistemma pulchellum*, *Schizoglossum* sp., *Secamone afzelii*, *S. parvifolia*, *S. platystigma*, *Stapelia gigantea*, *Stathmostelma gigantiflorum*, *Tylophora stenoloba*, *T. sylvatica*. CONVULVULACEAE: ?*Ipomoea alba*. EUPHORBIACEAE: ?*Euphorbia* sp.. MALVACEAE: ?*Hibiscus* sp.. MORACEAE: *Ficus laevis*, *F. racemosa*. PLUMBAGINACEAE: ?*Dyerophytum indicum*. SAPINDACEAE: ?*Lepisanthes rubiginosa*.

Common. A very mobile species which may be seen in a wide range of rural habitats.

383) *Danaus melanippus* (Cramer, [1777])

WHITE TIGER

Plate 63 and 64

Subspecies and distribution:

- (i) *edmondii* (Lesson, 1837) – Philippines excluding Balabac.

(ii) *mezentius* Fruhstorfer, 1910 – Balabac.

Recorded hostplants: APOCYNACEAE: *Cynanchum lanhsuense*, *Gymnema* sp., *Sarcolobus* sp., *Tylophora cissoides*. MORACEAE: *Ficus* sp..

Common. Mainly a forest species. The Philippine subspecies differs from those elsewhere in Asia by not having any orange coloration.

384) *Danaus affinis* (Fabricius, 1775)

MALAY TIGER/MANGROVE TIGER

Plate 64

Subspecies and distribution:

(i) *abigar* Eschscholtz, 1821 – Luzon, Marinduque, Mindoro.

Recorded hostplants: APOCYNACEAE: *Hoya carnosa*, *Ischnostemma selangorica*, *Tylophora flexuosa*.

Uncommon/local.

385) *Danaus genutia* (Cramer, [1779])

COMMON TIGER

Plate 64

Subspecies and distribution:

(i) *genutia* (Cramer, [1779]) – Balabac, Palawan.

(ii) *adnana* Swinhoe, 1917 – Philippines excluding Palawan.

Recorded hostplants: APOCYNACEAE: *Asclepias curassavica* (Butterfly Weed/Bulak/Damo), *Calotropis gigantea* (White Ivory plant/Kapal-kapal/Giant Milkweed), *Ceropegia intermedia*, *Cynanchum boudieri*, *C. dalhousiae*, *C. lanhsuense*, *C. liukiense*, *C. ovalifolium*, *C. tunicatum*, *Graphistemma pictum*, *Gymnema* sp., *Marsdenia floribunda*, *M. formosana*, *M. tinctoria*, *M. tomentosa*, *Raphistemma hooperianum*, *R. pulchelum*, *Telosma cordata*, *Tylophora cissoides*, *Vincetoxicum tanakae*.

Common.

386) *Euploea blossomae* Schaus, 1929

Not illustrated

Subspecies and distribution:

(i) *blossomae* Schaus, 1929 – northern Luzon, St. Thomas Mts.

(ii) *corazonae* Schröder, 1977 – Negros, Mt. Canlaon (4,000 feet), Panay.

(iii) *escapardae* Morishita, 1974 – southern Palawan.

(iv) *hilogensis* Yamamoto & Takei, 1992 – north-eastern Mindanao.

(v) *sibulanensis* Jumalon, 1971 – Mindanao excluding north-eastern [southern Mindanao (Mt. Apo) (D’Abrera, 1982)].

(vi) *tamaraw* Nuyda & Morimoto, 1991 – northern Mindoro (Mt. Halcon).

Endemic; uncommon/local.

387) *Euploea tobleri* Semper, 1878

Plate 64

Subspecies and distribution:

(i) *tobleri* Semper, 1878 – northern & central Luzon.

(ii) *inouei* Osada & Hashimoto, 1982 – northern Negros.

(iii) *lasamasamai* Treadaway & Nuyda, 1994 – Dinagat, Homonhon.

(iv) *mangyan* Yamamoto & Takei, 1992 – Mindoro.

(v) *peducaea* Fruhstorfer, 1911 (D’Abrera (1982) treats as a subspecies of *E. snelleni* – Basilan.

(vi) *romeo* Schröder & Treadaway, 1978 – Catanduanes, southern Luzon.

(vii) *silmae* Schröder & Treadaway, 1978 – Bohol, Leyte, Samar.

(viii) *snelleni* Moore, 1883 (D’Abrera (1982) treats as a separate species) – eastern Mindanao.

(ix) *yoshioi* Nuyda & Kawamura, 1989 – Camiguin de Luzon.

Endemic; uncommon/local.

388) *Euploea camaralzeman* Butler, 1866

MALAYAN CROW/BLUE KING CROW

Plate 64

Subspecies and distribution:

(i) *claudina* Staudinger, 1889 – Calamian, Palawan.

(ii) *cratis* Butler, 1866 – Babuyanes, northern Luzon.

Recorded hostplants: APOCYNACEAE: *Cerbera manghas*, *Strophanthus caudatus* (Roupellia).

Uncommon/local.

389) *Euploea eyndhovii* C. & R. Felder, [1865]

STRIPED BLACK CROW

Plate 64

Subspecies and distribution:

(i) *distinctissima* Fruhstorfer, 1911 – Balabac, Palawan.

Uncommon/local.

390) *Euploea algea* (Godart, 1819)

LONG-BRANDED BLUE CROW

Plate 65

Subspecies and distribution:

(i) *cyllene* Staudinger, 1889 – Balabac, Palawan.

Recorded hostplant: MORACEAE: *Ficus tinctoria*.

Uncommon/local.

391) *Euploea swainson* Godart, 1823

Plate 65, 153 and 154

Subspecies and distribution:

(i) *swainson* Godart, 1823 – Catanduanes, north-eastern central & southern Luzon, Marinduque, [?Mindoro (D’Abrera (1982)), Polillo.

(ii) *butra* Staudinger, 1889 – Calamian, Palawan, [Balabac (D’Abrera, 1982)].

(iii) *donovani* C. & R. Felder, [1865] – Mindanao.

(iv) *duplex* Hulstaert, 1931 – Basilan.

(v) *jadiva* Fruhstorfer, 1911 (D’Abrera (1982) regards as a synonym of *butra*) – Balabac.

(vi) *panayensis* Schröder & Treadaway, 1983 – Panay.

(vii) *suluana* Moore, 1883 – Sulu, Bongao, Jolo, Sanga Sanga, Sibutu, Tawi-Tawi.

(viii) *lucasi* Moore (listed in D’Abrera (1982) only) – Mindanao.

(ix) *bazilana* Fruhstorfer (listed in D’Abrera (1982) only) – Basilan.

Endemic; locally common.

392) *Euploea sylvester* (Fabricius, 1793)

DOUBLE-BRANDED BLUE CROW

Plate 65 and 154

Subspecies and distribution:

(i) *bazilana* Fruhstorfer, 1900 – Basilan.

(ii) *dotata* Fruhstorfer, 1900 – Balabac, Calamian, Dumaran, Palawan.

(iii) *laetifica* Butler, 1866 – Cebu, Camiguin de Luzon, Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, Samar, Sibutu.

(iv) *schoenigi* Schröder & Treadaway, 1983 – Panay.

(v) *tyrianthina* Moore, 1883 – Jolo, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: APOCYNACEAE: *Ichnocarpus frutescens* (Black Creeper), *Gymnema sylvestre* (Cowplant). MORACEAE: *Ficus obliqua*, *F. microcarpa* (Chinese Banyan/Indian Laurel Fig), *F. racemosa*.

Uncommon/local.

393) *Euploea mulciber* (Cramer, [1777])

STRIPED BLUE CROW

Plate 65, 66 and 143

Subspecies and distribution:

- (i) *barsine* Fruhstorfer, 1904 – Batanes.
- (ii) *cebuensis* M. & T. Okano, 1986 – Cebu.
- (iii) *dinagatensis* Tsukada & Nishiyama, 1979 – Dinagat.
- (iv) *dufresne* Godart, 1823 – Luzon, Polillo.
- (v) *guimarasensis* M. & T. Okano, 1990 – Guimaras.
- (vi) *kochi* Moore, 1883 – Negros.
- (vii) *masbatensis* Schröder & Treadaway, 1978 – Masbate, Panay.
- (viii) *mindanensis* Staudinger, 1885 – Mindanao.
- (ix) *paupera* Staudinger, 1889 – Balabac, Calamian, Dumarán, Palawan.
- (x) *portia* Fruhstorfer, 1904 – Sibutu.
- (xi) *semperi* C. & R. Felder, [1865] – Mindoro.
- (xii) *seraphita* Fruhstorfer, 1900 – Basilan, Jolo.
- (xiii) *subvisaya* Schröder, 1977 – Marinduque.
- (xiv) *tawitawiensis* Hashimoto, 1986 – Sanga Sanga, Tawi-Tawi.
- (xv) *ticaoana* Schröder & Treadaway, 1981 – Ticao.
- (xvi) *triggia* Schröder, 1977 – Sibuyan.
- (xvii) *visaya* Semper, 1886 – Bohol, Camotes, Leyte, Panaon, Samar.
- (xviii) *azaфра* Fruhstorfer (listed in D'Abrera (1982) only) – ?Mindoro.
- (xix) *bazilana* Fruhstorfer (listed in D'Abrera (1982) only) – ?Basilan.

Recorded hostplants: APOCYNACEAE: *Calotropis gigantea* (White Ivory plant/Kapal-kapal/Giant Milkweed), *Gymnanthera oblonga* (Sea Rubber Vine), *Ichnocarpus frutescens* (Black Creeper), *Nerium oleander* (Oleander/Adelfa), *Pottsia laxiflora*, *Marsdenia tinctoria*, *Toxocarpus wightianus*, *Wrightia dubia*. ARISTOLOCHIACEAE: *Aristolochia* sp.. CONVULVULACEAE: *Argyreia penangiana*. MORACEAE: *Ficus benjamina*, *F. erecta*, *F. formosana*, *F. grossularioides* (White-leafed Fig), *F. lamponga*, *F. microcarpa* (Chinese Banyan/Indian Laurel Fig), *F. nervosa*, *F. pumila*, *F. racemosa*, *F. sarmentosa*, *F. virgata*.

Common. This is by far the most common of the *Euploea* species. Unlike most genera in this subfamily, which are fairly easy to approach, *Euploea* are wary and do not often settle within reach.

394) *Euploea tulliolus* (Fabricius, 1793)

DWARF CROW/PURPLE CROW

Plate 66 and 154

Subspecies and distribution:

(i) *palawana* Fruhstorfer, 1900 – Balabac, Calamian, Cuyo, Dumarán, southern Mindoro, Palawan, western Panay.

(ii) *aristotelis* Moore, 1883 (D’Abrera (1982) regards as a synonym of *palawana*) – Bongao, Jolo.

(iii) *monilina* Fruhstorfer, 1910 – Basilan.

(iv) *pollita* Erichson, 1834 – Babuyan, Bohol, Cebu, Camiguin de Mindanao, Camotes, Dinagat, Guimaras, Leyte, Luzon, Marinduque, Masbate, central & northern Mindoro, Mindanao (excluding south-western), Negros, Panaon, Samar, Sibuyan, Ticao.

(v) *monilis* Moore (listed in D’Abrera (1982) only) – Luzon, Babuyan, ?Negros.

Recorded hostplants: APOCYNACEAE: *Nerium oleander* (Oleander/Adelfa).

ASTERACEAE: ?*Mikania cordata*. EUPHORBIACEAE: *Alchornea scandens* (Burny Vine). MORACEAE: *Ficus eximia*.

Uncommon/local.

395) *Euploea phaenareta* (Schaller, 1785)

GREAT CROW

Plate 66, 67 and 154

Subspecies and distribution:

(i) *althaea* Semper, 1878 – Dinagat, eastern & cenral Mindanao.

(ii) *grandis* Moore, 1883 – Jolo.

(iii) *lornae* Schröder & Treadaway, 1979 – Homonhon, Samar [western Samar (D’Abrera, 1982)].

(iv) *margaretae* Schröder & Treadaway, 1988 – Camiguin de Luzon, Luzon, Polillo.

(v) *salvini* Staudinger, 1889 – Balabac, Palawan.

Recorded hostplants: APOCYNACEAE: *Cerbera floribunda*, *C. manghas* [PH], *C. odollam* (Pong Pong Tree/Sea Apple), *Plumeria* sp.. MORACEAE: *Ficus formosana*.

Rare.

396) *Euploea eunice* (Godart, 1819) (D’Abrera (1982) treats as a subspecies of *E. leucostictos*)

BLUE-BRANDED KING CROW

Plate 67

Subspecies and distribution:

- (i) *eunice* (Godart, 1819) – Philippines excluding Balabac, Calamian, Palawan.
- (ii) *syra* Fruhstorfer, 1901 – Balabac, Calamian, Palawan.
- (iii) *oculata* Moore (listed in D'Abrera (1982) only) – Luzon to Mindanao.

Recorded hostplants: MORACEAE: *Ficus ampelas*, *F. benjamina*, *F. erecta*, *F. fistulosa* [PH], *F. formosana*, *F. heterophylla*, *F. hispida*, *F. microcarpa* (Chinese Banyan/Indian Laurel Fig) [PH], *F. robusta* [PH], *F. subulata* [PH], *F. wassa* [PH], *Streblus asper* (Toothbrush Tree/Bogtalay). SALICACEAE: *Flacourtia rukam*.

Uncommon/local.

397) *Euploea midamus* (Linnaeus, 1758)

BLUE SPOTTED CROW

Plate 67

Subspecies and distribution:

- (i) *absitus* Hashimoto, 1986 – Sanga Sanga, Sibutu, Tawi-Tawi.
- (ii) *clorinde* Staudinger, 1889 – Balabac, Calamian, Palawan.
- (iii) *cornificia* Fruhstorfer, 1910 – Mindoro.
- (iv) *hypaspites* Fruhstorfer, 1910 – Basilan.
- (v) *meldolae* Moore, 1883 – Bohol, Camiguin de Mindanao, Leyte, Mindanao, Samar.
- (vi) *simillima* Moore, 1883 – Catanduanes, Luzon.
- (vii) *panayana* Schröder & Treadaway, 2003 – Panay.

Recorded hostplants: APOCYNACEAE: *Nerium oleander* (Oleander/Adelfa), *Strophanthus caudatus* (Roupellia), *S. divaricatus*, *S. sarmentosus*.

Uncommon/local.

398) *Idea stollii* (Moore, 1883)

ASH-WHITE TREE NYMPH

Plate 67

Subspecies and distribution:

- (i) *hypatia* Fruhstorfer, 1910 (Treadaway (1995) gives spelling as *hypata*) – Jolo.

Recorded hostplants: APOCYNACEAE: *Aganosma cymosa*, *Gymnema* sp., *Pinochia corymbosa*.

Very rare.

399) *Idea electra* Semper, 1878

Not illustrated

Subspecies and distribution:

- (i) *electra* Semper, 1878 – northern, north-eastern, central & north-western

Mindanao.

(ii) *harmonia* Fruhstorfer, 1910 – south-eastern Mindanao.

Endemic; uncommon/local.

400) *Idea leuconoe* Erichson, 1834

SIAM TREE NYMPH

Plate 67 and 68

Subspecies and distribution:

(i) *leuconoe* Erichson, 1834 – Alabat, Luzon.

(ii) *athesis* Fruhstorfer, 1911 – Polillo.

(iii) *esanga* Fruhstorfer, 1898 – Sarangani.

(iv) *gamaoi* Jumalon, 1975 – Cebu.

(v) *gordita* Fruhstorfer, 1911 – Marinduque, Mindoro, Romblon, Sibuyan [Ticao (D'Abrera, 1982)].

(vi) *nigriana* Grose-Smith, 1895 – Balabac, Sibutu, Tawi-Tawi.

(vii) *obscura* Staudinger, 1889 – Basilan, Bohol, Dinagat, Homonhon, central & southern Leyte, Masbate, Mindanao, Negros, Panay, Siargao.

(viii) *princesa* Staudinger, 1889 – Palawan [Sulu (D'Abrera, 1982)].

(ix) *samara* Fruhstorfer, 1910 – northern Leyte, Samar.

(x) *solyma* Fruhstorfer, 1910 – Camiguin de Luzon [Babuyan (D'Abrera, 1982)].

(xi) *moira* Fruhstorfer (listed in D'Abrera (1982) only) – Basilan.

(xii) *vicetia* Fruhstorfer (listed in D'Abrera (1982) only) – Dumaran.

(xiii) *casena* Fruhstorfer (listed in D'Abrera (1982) only) – Bohol.

(xiv) *fregela* Fruhstorfer (listed in D'Abrera (1982) only) – Siargao.

Recorded hostplants: APOCYNACEAE: *Cynanchum ovalifolium*, *Parsonsia alboflavescens* [PH] *Tylophora ovata*.

Locally common. This is by far the most common and most widely distributed member of the genus in the Philippines. It is a forest species; it flies slowly, with very slow wing-beats, looking almost like a piece of white paper floating through a forest glade.

Subfamily Libytheinae

401) *Libythea myrrha* Godart, 1819

CLUB BEAK

Plate 68 and 154

Subspecies and distribution:

(i) *iwanaagai* Hayashi, 1976 – Palawan.

Recorded hostplant: CANNABACEAE: *Celtis tetrandra*.

Very rare.

402) *Libythea narina* Godart, 1819

WHITE-SPOTTED BEAK

Plate 68 and 154

Subspecies and distribution:

(i) *luzonica* Moore, 1901 – Luzon, northern Mindanao, Palawan.

Uncommon/local.

403) *Libythea geoffroy* Godart, 1819

BLUE BEAK

Plate 68 and 154

Subspecies and distribution:

(i) *bardas* Fruhstorfer, 1914 – Cebu, Luzon, Marinduque, Mindoro.

(ii) *philippina* Staudinger, 1889 – Bohol, Camiguin de Mindanao, Mindanao, Palawan, Panaon, Sibutu, Tawi-Tawi.

Recorded hostplants: CANNABACEAE: *Celtis* sp.. LAURACEAE: *Cryptocarya* sp..
SAPINDACEAE: *Allophylus cobbe* (Titberry).

Locally common.

Lycaenidae

Subfamily Poritiinae

404) *Cyaniriodes libna* (Hewitson, 1869)

EMERALD

Plate 69

Subspecies and distribution:

- (i) *miotsukushi* Hayashi, 1976 – Palawan.
- (ii) *samarana* Schröder & Treadaway, 1994 – Samar.
- (iii) *tawicolana* Schröder & Treadaway, 1994 – Tawi-Tawi.

Rare.

405) *Cyaniriodes siraspiorum* Schröder & Treadaway, 1976

Not illustrated

Distribution: Leyte, Luzon, eastern Mindanao, Samar.

Endemic; rare.

406) *Poritia philota* Hewitson, 1874

MALAY GEM

Plate 69

Subspecies and distribution:

- (i) *glennuydai* Schröder & Treadaway, 1989 – central & western Luzon.
- (ii) *mindora* Osada, 1994 – Mindoro.
- (iii) *phare* H. H. Druce, 1895 – Basilan, Bohol, Dinagat, Leyte, Marinduque, Mindanao, Negros, Panaon, Samar.

Common.

407) *Poritia talophi* Hayashi, Schröder & Treadaway, 1984 (Takanami (2016) treats as a form of *P. philota phare*)

Not illustrated

Distribution: Bohol, Leyte, Luzon, Mindanao, Samar.

Endemic; rare.

408) *Poritia erycinoides* (C. & R. Felder, [1865])

BLUE GEM

Plate 69

Subspecies and distribution:

(i) *kinoshitai* Hayashi, 1976 – Palawan (Takanami (2016) treats as a full species).

Recorded hostplant: FAGACEAE: *Castanopsis argentea*.

Rare.

409) *Poritia hewitsoni* Moore, [1866]

COMMON GEM

Plate 69

Subspecies and distribution:

(i) *solitaria* Schröder & Treadaway, 1989 – central Luzon (Takanami (2016) treats as a full species).

Recorded hostplant (*P. hewitsoni*): DIPTEROCARPACEAE: *Dipterocarpus retusus*.

Very rare.

410) *Poritia phama* H. H. Druce, 1895

Not illustrated

Subspecies and distribution:

(i) *palawana* Osada, 1994 – Palawan.

Rare.

411) *Poritia plateni* Staudinger, 1889

BORNEO GEM

Not illustrated

Distribution: ?Mindanao, Palawan.

Uncommon/local.

412) *Poritia languana* Schröder & Treadaway, 1986 (Takanami (2016) treats as a synonym of *P. kinoshitai*)

Not illustrated

Distribution: Palawan.

Endemic; uncommon/local.

413) *Simiskina phalena* (Hewitson, 1874)

BROAD-BANDED BRILLIANT

Plate 70

Subspecies and distribution:

(i) *hayashii* Schröder & Treadaway, 1979 – Bohol, Leyte, Mindanao.

(ii) *ilagana* Osada & Hashimoto, 1987 – north-eastern Luzon.

(iii) *howartha* Hayashi, 1976 – Palawan.

Uncommon/local.

414) *Simiskina phalia* (Hewitson, 1874)

BLUE BRILLIANT

Plate 70

Subspecies and distribution:

(i) *morishitai* Hayashi, 1976 – southern Palawan.

Recorded hostplants: MALVACEAE: *Ochroma pyramidale*. DIPTEROCARPACEAE: *Shorea atrinervosa*, *S. obscura*, *S. rugosa*.

Rare.

415) *Simiskina pasira* Moulton 1911

GREEN BRILLIANT

Not illustrated

Subspecies and distribution:

(i) *pasira* Moulton 1911 – Palawan.

(ii) *semperi* Fruhstorfer, 1919 – Camiguin de Mindanao.

Very rare.

416) *Poriskina phakos* H. H. Druce, 1895

Not illustrated

Distribution: Luzon, Mindanao, Samar.

Endemic; rare.

417) *Deramas bidotata* Fruhstorfer, 1914

Not illustrated

Distribution: Camiguin de Luzon, Luzon, Marinduque, Mindoro.

Endemic; uncommon/local.

418) *Deramas evelynae* Schröder & Treadaway, 1978

Not illustrated

Subspecies and distribution:

(i) *evelynae* Schröder & Treadaway, 1978 – southern Luzon, Marinduque.

(ii) *nahomiae* Takanami, 1985 – northern Negros.

(iii) *tsuiso* Takanami, 1987 – Mindoro.

Endemic; rare.

419) *Deramas ikedai* Hayashi, 1978

Not illustrated

Distribution: southern Mindanao (Mt. Apo).

Endemic; rare.

420) *Deramas mindanensis* Eliot, 1964 (D'Abrera (1986) treats as a subspecies of *D. nolens* Eliot, 1964)

Not illustrated

Distribution: Mindanao.

Endemic; rare.

421) *Deramas nelvis* Eliot, 1964

Not illustrated

Subspecies and distribution:

(i) *manobo* Schröder & Treadaway, 1978 (D'Abrera (1986) and Takanami (2016) treat as a full species) – southern Mindanao (Mt. Apo).

Uncommon/local.

421.1) *Deramas livens* Distant, 1886

COMMON BLUEJOHN

Plate 70

Subspecies and distribution:

(i) *montana* Schröder & Treadaway, 1978 (Takanami (2016) treats as a full species) – northern Mindanao (Mt. Kitanglad).

Uncommon/local.

422) *Deramas sumikat* Schröder & Treadaway, 1986

Not illustrated

Distribution: southern Negros.

Endemic; very rare.

423) *Deramas tomokoae* Hayashi, 1978

Not illustrated

Distribution: Mindanao (Mt. Apo), [Leyte (Treadaway, 1995)].

Endemic; rare.

424) *Deramas toshikoeae* Hayashi, 1981

Not illustrated

Distribution: Leyte, Mindanao, Mindoro.

Endemic; rare.

425) *Deramas treadawayi* Hayashi, 1981

Plate 70

Distribution: southern Mindanao (Mt. Apo).

Endemic; rare.

426) *Deramas talophi* Hayashi, Schröder & Treadaway, 1984 (This taxon is listed in D'Abrera (1986) with the distribution given as Samar, Leyte and Mindanao, but it has been found to be a synonym of *Poritia kinoshitai*)

Not illustrated

Subfamily Liphyrinae

427) *Liphyra brassolis* Westwood, 1864

MOTH BUTTERFLY

Plate 70

Subspecies and distribution:

(i) *hermelnuysdae* Schröder & Treadaway, 1988 – Samar (east), Homonhon.

(ii) *justini* Schröder & Treadaway, 1988 – eastern Luzon.

Recorded hosts: larvae live in the nests of the tailor ant *Oecophylla smaragdina*, feeding on ant larvae.

Very rare.

Subfamily Miletinae

428) *Allotinus fallax* C. & R. Felder, [1865]

WHITE DARKIE

Plate 70 and 144

Subspecies and distribution:

(i) *fallax* C. & R. Felder, [1865] – Bohol, Cebu, Leyte, Luzon, Marinduque, Masbate, Mindoro, Panay, Samar, Sibuyan.

(ii) *aphacus* Fruhstorfer, 1913 – Camiguin de Mindanao, [Dinagat (Treadaway, 1995)], Homonhon, Mindanao, Panaon.

(iii) *eryximachus* Fruhstorfer, 1913 – Mindoro.

(iv) *dotion* Fruhstorfer, 1913 – Basilan.

(v) *tymphrestus* Fruhstorfer, 1916 – Jolo, Sibutu, ?Sulu, Tawi-Tawi.

(vi) *negrosensis* Schröder & Treadaway, 2000 – Negros.

Recorded hosts: *Allotinus* larvae feed on small insects – aphids, coccids, psyllids and membracids, associated with ants.

Common. In forest habitats; flies around trees and shrubs usually about 2 m above the ground; not very conspicuous. Even the adult butterflies are often attended by ants.

429) *Allotinus subviolaceus* C. & R. Felder, [1865]

BLUE DARKIE

Plate 71

Subspecies and distribution:

(i) *subviolaceus* C. & R. Felder, [1865] – Calamian, Luzon, Mindanao, Palawan, Sibutu.

Recorded hosts: larvae of Membracidae.

Uncommon/local.

430) *Allotinus punctatus* Semper, 1889

Plate 71

Subspecies and distribution:

(i) *punctatus* Semper, 1889 – Mindanao.

(ii) *obtusus* Schröder & Treadaway, 2000 – Leyte, Samar.

Endemic; uncommon/local.

431) *Allotinus nigritus* Semper, 1889

Plate 71

Distribution: Mindanao.

Endemic; rare.

432) *Allotinus kudaratius* Takanami, 1990

Not illustrated

Distribution: southern Mindanao (Mt. Apo).

Endemic; very rare.

433) *Allotinus sarrastes* Fruhstorfer, 1913

PENINSULAR DARKIE

Plate 72

Distribution: north-eastern Mindanao (Surigao), Marinduque.

Very rare.

434) *Allotinus melos* H. H. Druce, 1896

Plate 72

Distribution: Balabac, Mapun, Leyte, Mindanao, Palawan, Panay, Sulu.

Uncommon/local.

435) *Allotinus samarensis* Eliot, 1986

Not illustrated

Subspecies and distribution:

(i) *samarensis* Eliot, 1986 – Leyte, Mindanao, Samar.

Rare.

436) *Allotinus luzonensis* Eliot, 1987

Not illustrated

Distribution: Luzon.

Endemic; rare.

437) *Allotinus albatrus*

Plate 72

Subspecies and distribution:

(i) *mendax* Eliot, 1986 – Leyte, Luzon, Marinduque, Samar.

Locally common.

438) *Allotinus apries* Fruhstorfer, 1913

Not illustrated

Subspecies and distribution:

(i) *ristus* Eliot, 1986 – Palawan.

Recorded hosts: larvae of Coccidae and Formicidae.

Uncommon/local.

439) *Allotinus corbeti* Eliot, 1956

ROUNDED DARKIE

Plate 72

Distribution: Mindanao.

Rare.

440) *Allotinus unicolor* C. & R. Felder, [1865]

LESSER DARKIE

Plate 72

Subspecies and distribution:

(i) *georgius* Fruhstorfer, 1913 – Bohol, Mindoro, [Sanga Sanga (Treadaway, 1995)], Sulu, Tawi-Tawi.

Recorded hosts: larvae of Aphididae, Coccidae, Hormaphididae, Membracidae and Psyllidae.

Rare.

441) *Allotinus nivalis* (H. Druce, 1873)

Plate 72

Subspecies and distribution:

(i) *felderi* Semper, 1889 – Homonhon, Leyte, Luzon, Marinduque, Mindanao, Negros, Samar, Sibuyan, Tawi-Tawi.

Uncommon/local.

442) *Allotinus substrigosus* (Moore, 1884)

LESSER DARKIE

Plate 73

Subspecies and distribution:

(i) *ballantinei* Eliot, 1986 – Palawan.

(ii) *yusukei* Eliot, 1986 – Mindanao.

Recorded hosts: larvae of Aphidoidea, Coccidae and Hormaphididae.

Uncommon/local.

442.1) *Allotinus albicans* Okubo, 2007

Not illustrated

Distribution: Mindanao (Mt. Apo).

443) *Logania malayica* Distant, 1884

MALAYAN MOTTLE

Plate 73

Subspecies and distribution:

(i) *subura* Fruhstorfer, 1914 – Leyte, Mindanao, Samar.

Recorded hosts: *Logania* larvae feed on aphids, including *Pseudoregma*, Hormaphididae, Membracidae.

Uncommon/local.

444) *Logania waltraudae* Eliot, 1986

Not illustrated

Distribution: Samar.

Endemic; very rare.

445) *Logania regina* (H. Druce, 1873)

ROUNDED MOTTLE

Plate 73

Subspecies and distribution:

(i) *evora* Fruhstorfer, 1916 – Sanga Sanga, Tawi-Tawi.

Uncommon/local.

446) *Logania marmorata* Moore, 1884

PALE MOTTLE

Plate 73

Subspecies and distribution:

(i) *faustina* Fruhstorfer, 1914 – Jolo, Leyte, Mindanao, Samar, Tawi-Tawi.

(ii) *hilaeira* Fruhstorfer, 1914 – Mapun (Cagayan Sulu).

(iii) *palawana* Fruhstorfer, 1914 – Balabac, Calamian, Luzon, Marinduque, Palawan.

(iv) *samosata* Fruhstorfer, 1914 – Cebu, Mindoro.

Recorded hosts: Membracidae.

Uncommon/local.

447) *Logania distanti* Semper, 1889

ENTIRE MOTTLE

Not illustrated

Subspecies and distribution:

(i) *distanti* Semper, 1889 – Cebu, Leyte, Luzon, Mindanao, Negros, Samar.

(ii) *drucei* Moulton, 1911 (listed in Treadaway (1995) but not in Takanami (2016)) – Balabac.

Rare.

448) *Lontalius eltus* Eliot, 1986

Not illustrated

Subspecies and distribution:

(i) *treadawayi* Eliot, 1986 – Samar.

Very rare.

449) *Miletus gopara* (de Nicéville, 1890)

Not illustrated

Subspecies and distribution:

(i) *eustatius* Fruhstorfer, 1913 – Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hosts: *Miletus* larvae feed on aphids and coccids attended by ants.

Uncommon/local.

450) *Miletus symethus* (Cramer, [1777])

GREAT BROWNIE

Plate 73

Subspecies and distribution:

(i) *edonus* Fruhstorfer, 1913 – Palawan.

(ii) *hierophantes* Fruhstorfer, 1916 – [Jolo (Treadaway, 1995)], Mindanao, Sulu, Tawi-Tawi.

(iii) *phantus* Eliot, 1986 – Luzon, Marinduque, Panay.

(iv) *philopator* Fruhstorfer, 1914 – Mindoro.

Recorded hosts: Coccidae, Formicidae.

Uncommon/local.

451) *Miletus atimonicus* Murayama & Okamura, 1973

Not illustrated

Distribution: Luzon, Marinduque, Mindanao, Negros.

Endemic; very rare.

452) *Miletus melanion* C. & R. Felder, [1865]

Plate 74

Subspecies and distribution:

(i) *melanion* C. & R. Felder, [1865] – Luzon, Mindanao, Negros, Palawan.

(ii) *euphranor* Fruhstorfer, 1914 – Leyte, Mindoro.

Endemic; uncommon/local.

453) *Miletus bazilanus* Fruhstorfer, 1913

Not illustrated

Distribution: Basilan, Mindanao.

Endemic; uncommon/local.

454) *Miletus takanamii* Eliot, 1986

Not illustrated

Distribution: north-eastern Mindanao (Surigao).

Endemic; very rare.

455) *Miletus drucei* Semper, 1889

Plate 74

Subspecies and distribution:

(i) *drucei* Semper, 1889 – Balabac, Bohol, Cebu, Leyte, Luzon, Mindoro, Palawan, Panay, Samar.

Locally common. The behaviour of *Miletus* species is similar to *Allotinus*, as described under *A. fallax*.

456) *Spalgis epius* (Westwood, [1851])

APEFLY

Plate 74

Subspecies and distribution:

(i) *strigatus* Semper, 1889 – Bohol, Cebu, Luzon, Marinduque, Masbate, Mindanao, Negros, Palawan, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hosts: *Astegopteryx* sp., *Ceroplastes pseudoceriferus*, Coccidae, *Dactylopius adonideum* (Mealy bug), *Ferrisia virgata*, *Maconellicoccus hirsutus*, *Planococcus citri*, *P. lilacinus*, *Pulvinaria polygonata*, *Rastrococcus iceryoides*. Plants in the families ANACARDIACEAE, RUBIACEAE, SOLANACEAE, SAPOTACEAE and VERBENACEAE have been quoted as hosts, but are extremely unlikely.

Common. Flies around trees, sometimes in gardens and about 2–3 m above the ground; not very conspicuous.

457) *Spalgis takanamii* Eliot, 1984

Not illustrated

Distribution: southern Mindanao (Mt. Apo).

Endemic; very rare.

Subfamily Curetinae

458) *Curetis nesophila* (C. & R. Felder, 1862) (D'Abbrera (1986) treats as a subspecies of *C. thetis* (Drury, 1773))

Not illustrated

Distribution: Basilan, Bohol, Leyte, Luzon, Marinduque, Mindanao, Negros, Panaon, Samar.

Uncommon/local.

459) *Curetis tagalica* (C. & R. Felder, 1862)

SOUTHERN SUNBEAM

Plate 74, 75 and 144

Subspecies and distribution:

(i) *tagalica* (C. & R. Felder, 1862) – Basilan, Cagayan, Camotes, Jolo, Luzon, Mindanao, Mindoro, Ticao.

(ii) *takanamii* Schröder & Treadaway, 1979 – Sibutu.

(iii) *palawanica* Staudinger, 1889 – Balabac, Dumarán, Palawan.

Recorded hostplants: FABACEAE: unspecified.

Locally common. Tends to perch on the undersides of leaves of trees, with wings closed hiding the bright orange upperside of the male.

Subfamily Lycaeninae

460) *Anthene emolus* (Godart, [1824]) (= *E. modesta* Staudinger, 1889)

CILIATE BLUE

Plate 75

Distribution: Luzon, Palawan, Tawi-Tawi.

Recorded hostplants: ANACARDIACEAE: *Mangifera indica* (Mango). COMBRETACEAE: *Combretum latifolium*. FABACEAE: *Cassia fistula* (Tropical Golden Shower), *Aganope thyrsoiflora*, *Saraca indica*, *S. thaipingensis* (Yellow Saraca). FAGACEAE: *Castanopsis inermis*. LAURACEAE: *Cinnamomum verum*. LYTHRACEAE: *Lagerstroemia speciosa* (Giant Crepe-myrtle/Banaba). MELIACEAE: *Heynea trijuga*, *Trichilia hirta*. MYRTACEAE: *Eugenia* sp., *Syzygium jambos*. SAPINDACEAE: *Litchi chinensis* (Lychee/Litsiyas), *Nephelium lappaceum* (Rambutan). SMILACACEAE: *Smilax* sp..

Rare.

461) *Anthene licates* (Hewitson, 1874)

WHITE CILIATE BLUE

Plate 75

Subspecies and distribution:

(i) *addenda* Fruhstorfer, 1916 – Camiguin de Luzon, Luzon, Mindanao, Mindoro, Palawan, Sanga Sanga.

Rare.

462) *Anthene lycaenina* (R. Felder, 1868)

POINTED CILIATE BLUE

Plate 75 and 144

Subspecies and distribution:

(i) *miya* Fruhstorfer, 1916 (listed in Treadaway (1995) but not in Takanami (2016)) – Palawan.

(ii) *villosina* Fruhstorfer, 1923 – Balabac, Dumaran, northern Leyte, Luzon, Mindoro, Mindanao, Palawan.

Recorded hostplants: ANACARDIACEAE: *Buchanania cochinchinensis*. FABACEAE: *Acacia pennata*, *Caesalpinia bonduc* (Grey Nicker).

Uncommon/local.

463) *Niphanda tessellata* Moore, [1875]

LARGE POINTED PIERROT

Plate 75 and 155

Subspecies and distribution:

(i) *aristarcha* Fruhstorfer, 1919 (D'Abbrera (1986) treats as a subspecies of *N. asialis* de Nicéville, 1895) – Leyte, Luzon, Marinduque, Mindanao, Sanga Sanga.

Recorded hosts: the larvae are believed to feed wholly on aphid honeydew and ant regurgitations.

Uncommon/local.

464) *Una philippensis* Schröder & Treadaway, 1979

Not illustrated

Distribution: Mindanao (Bukidnon).

Endemic; very rare.

465) *Nacaduba sericina* (C. & R. Felder, [1865])

Plate 75

Subspecies and distribution:

(i) *sericina* (C. & R. Felder, [1865]) – Babuyan, Leyte, Luzon, Marinduque, Masbate, Mindoro, Negros, Panaon, Panay, Polillo, Samar, Sibuyan.

(ii) *palawana* Hayashi, 1977 – Palawan.

(iii) *thaumas* Fruhstorfer, 1916 – Basilan, [Bongao (Treadaway, 1995)], Mindanao, Sanga Sanga, Tawi-Tawi.

Endemic; uncommon/local.

466) *Nacaduba angusta* (H. Druce, 1873)

WHITE LINE BLUE

Not illustrated

Subspecies and distribution:

(i) *thespia* Fruhstorfer, 1916 – Palawan.

Recorded hostplant: FABACEAE: *Entada spiralis*.

Uncommon/local.

466.1) *Nacaduba limbura* Fruhstorfer, 1916 (Treadaway (1995) treats as a subspecies of *N. angusta*)

Not illustrated

Distribution: Basilan, Leyte, Luzon, Mindanao, Mindoro, Negros.

Uncommon/local.

467) *Nacaduba neaira* Fruhstorfer, 1916 (Treadaway (1995) treats as a subspecies of *N. pactolus* (C. Felder, 1860))

LARGE 4-LINE BLUE

Plate 75

Distribution: Basilan, Bohol, Leyte, Luzon, Mindanao, Mindoro, Negros, Palawan, Panaon, Samar, Tawi-Tawi.

Recorded hostplant (of *N. pactolus*): FABACEAE: *Entada spiralis*.

Uncommon/local.

468) *Nacaduba pavana* (Horsfield, [1828])

SMALL 4-LINE BLUE

Plate 76

Subspecies and distribution:

(i) *asaga* Fruhstorfer, 1916 (listed in Treadaway (1995) but not in Takanami (2016)) – Palawan.

(ii) *georgi* Fruhstorfer, 1916 – Cuyo, Dumarán, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Palawan, Panay, Samar, Tablas.

Recorded hostplants: FABACEAE: *Derris trifoliata*, *Andira inermis* (Cabbage Tree).

SAPINDACEAE: *Allophylus cobbe* (Titberry).

Uncommon/local.

469) *Nacaduba hermus* (C. Felder, 1860)

PALE 4-LINE BLUE

Plate 76

Subspecies and distribution:

(i) *tairea* Fruhstorfer, 1916 – Basilan, Luzon, Marinduque, Mindanao, Mindoro, Negros.

Recorded hostplants: ANACARDIACEAE: *Lannea coromandelica* (Indian Ash Tree). FABACEAE: *Pongamia pinnata* (Indian Beech/Bani). MALVACEAE: *Waltheria indica*. PRIMULACEAE: *Embelia subcoriacea*. SAPINDACEAE: *Nephelium lappaceum* (Rambutan).

Uncommon/local.

470) *Nacaduba sanaya* Fruhstorfer, 1916

JEWEL 4-LINE BLUE

Plate 76

Subspecies and distribution:

(i) *naevia* (Toxopeus, 1929) – Palawan.

(ii) unnamed ssp. – Leyte, Luzon, Mindanao, Tawi-Tawi.

(iii) *elioti* Corbet, 1938 (listed in Treadaway (1995) but not in Takanami (2016)) – Tawi-Tawi.

Locally common.

470.1) *Nacaduba metallica* Fruhstrofer, 1916 (Treadaway (1995) treats as a subspecies of *N. sanaya*)

Plate 144

Subspecies and distribution:

(i) *metallica* Fruhstorfer, 1916 – [Cebu, Leyte (Treadaway, 1995)], Dinagat, Mindanao.

(ii) unnamed ssp. – Luzon, Mindoro.

Rare.

471) *Nacaduba berenice* (Herrich-Schäffer, 1869)

ROUNDED 6-LINE BLUE

Plate 76, 144 and 145

Subspecies and distribution:

(i) *leei* Hsu, 1990 – Basilan, Leyte, Luzon, Marinduque, Mindanao, Negros, Palawan, Tawi-Tawi.

(ii) *akaba* (H. Druce, 1987) Palawan.

Recorded hostplants: FABACEAE: (unspecified). MALVACEAE: *Theobroma cacao* (Cocoa Tree). PROTEACEAE: (unspecified). SAPINDACEAE: *Alectryon coriaceus*, *Cupaniopsis anacardioides*, *Heterodendrum diversifolium*.

Uncommon/local.

472) *Nacaduba kurava* (Moore, [1858])

TRANSPARENT 6-LINE BLUE/WHITE LINE-BLUE

Plate 76 and 77

Subspecies and distribution:

(i) *kurava* (Moore, [1858]) – Dinagat, Leyte, Luzon, Marinduque, Mindanao, Negros, Palawan.

Recorded hostplants: DIPTEROCARPACEAE: *Vateria indica* (White Dammar). FABACEAE: *Pueraria montana*. MALVACEAE: *Waltheria indica*. PRIMULACEAE: *Aegiceras corniculatum* (Black Mangrove), *Ardisia japonica*, *A. quinquegona*, *A. sieboldii*, *Embelia subcoriacea*, *Maesa haplobotrys*, *M. tenera*, *Myrsine seguinii*, *Rapanea variabilis* (Muttonwood). SAPINDACEAE: *Nephelium lappaceum* (Rambutan).

Locally common.

473) *Nacaduba beroe* (C. & R. Felder, [1865])

OPAQUE 6-LINE BLUE

Plate 77

Subspecies and distribution:

(i) *beroe* (C. & R. Felder, [1865]) – Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros.

(ii) *gythion* Fruhstorfer, 1916 – Palawan.

(iii) *neon* Fruhstorfer (listed in D'Abbrera (1986) only) – ?Palawan.

Recorded hostplants: FABACEAE: (unspecified).

Locally common. The *Nacaduba* species are very difficult to distinguish and there have been frequent changes of opinion as to which species the various forms/subspecies belong to.

473.1) *Nacaduba calauria* (C. Felder, 1860)

Plate 77

Distribution: Balabac, Panay, Samar.

474) *Nacaduba subperusia* (Snellen, 1896)

VIOLET 4-LINE BLUE

Plate 77

Subspecies and distribution:

(i) *paska* Eliot, 1955 – Jolo, Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, Palawan, Sibuyan, Sibutu.

Uncommon/local.

475) *Prosotas aluta* (H. Druce, 1873)

BANDED LINE BLUE

Plate 78

Subspecies and distribution:

(i) *philiata* Fruhstorfer, 1916 – Basilan, Leyte, Marinduque, Mindanao, Palawan, Samar, [Sanga Sanga (Treadaway, 1995)].

Recorded hostplant: FABACEAE: *Dalbergia pinnata*.

Uncommon/local.

476) *Prosotas maputi* (Semper, 1889) (D'Abbrera (1986) treats as a subspecies of *Nacaduba berenice*)

Not illustrated

Subspecies and distribution:

(i) *maputi* (Semper, 1889) – Marinduque, Mindanao.

Uncommon/local.

477) *Prosotas gracilis* (Röber, 1886)

DARK-BASED LINE BLUE

Plate 78

Subspecies and distribution:

(i) *gracilis* (Röber, 1886) – Luzon, Mindanao, Mindoro, Palawan.

(ii) *donina* Snellen, 1901 (listed in Treadaway (1995) but not in Takanami (2016)) – Palawan.

Rare.

478) *Prosotas nora* (C. Felder, 1860)

COMMON LINE-BLUE

Plate 78

Subspecies and distribution:

(i) *semperi* Fruhstorfer, 1916 – Basilan, Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, Palawan, Samar.

(ii) *superdates* Fruhstorfer, 1916 (listed in Treadaway (1995) but not in Takanami (2016)) – Palawan, Sibutu.

Recorded hostplants: COMBRETACEAE: (unspecified). FABACEAE: *Acacia caesia*, *A. nilotica*, *Mimosa himalayana*, *Pithecellobium dulce* (Madras Thorn/Camachile). MYRTACEAE: (unspecified). SAPINDACEAE: (unspecified).

Common. Sometimes seen in numbers around its hostplants, especially Camachile trees, even when these grow in severely man-modified biotopes. The butterflies frequently “mud-puddle” on damp ground.

479) *Prosotas dubiosa* (Semper, [1879])

TAILLESS LINE BLUE/SMALL PURPLE LINE BLUE

Plate 78

Subspecies and distribution:

(i) *lumpura* Corbet, 1938 (Takanami (2016) treats as synonymous with *subardates*) – Luzon, Marinduque, Mindanao, Negros.

(ii) *subardates* Piepers & Snellen, 1918 – Palawan.

Recorded hostplants: FABACEAE: *Acacia caesia*, *A. intsia*, *A. mangium*. PROTEACEAE: *Macadamia integrifolia* (Macadamia Nut/Nut Oak). SAPINDACEAE: *Litchi chinensis* (Lychee/Litsiyas).

Common. Occurs in Metro Manila.

480) *Prosotas nelides* de Nicéville, 1895

Not illustrated

Distribution: Palawan.

481) *Ionolyce helicon* (C. Felder, 1860)

POINTED LINE BLUE

Plate 79 and 145

Subspecies and distribution:

(i) *merguiana* Moore, 1884 – Luzon, Marinduque, Mindoro, Negros, Palawan.

Uncommon/local.

482) *Catopyrops ancyra* (C. Felder, 1860)

FELDER'S LINE BLUE

Plate 79 and 145

Subspecies and distribution:

(i) *almora* H. Druce, 1873 – Leyte, Luzon, Marinduque, Mindanao, Palawan, Sibutu.

Recorded hostplants: CANNABACEAE: *Trema tomentosa*. EUPHORBIACEAE: (unspecified). URTICACEAE: *Pipturus argenteus*.

Common. Occurs in Metro Manila.

483) *Petrelaea dana* (de Nicéville, [1884])

DINGY LINE BLUE

Plate 79 and 145

Subspecies and distribution:

(i) *dana* (de Nicéville, [1884]) – [Mindanao (Treadaway, 1995)], Palawan.

Uncommon/local.

483.1) *Petrelaea tombugensis* (Röber, 1886)

Not illustrated

Distribution: Luzon, Mindanao.

484) *Caleta roxus* (Godart, [1824])

STRAIGHT PIERROT

Plate 79 and 80

Subspecies and distribution:

(i) *angustior* Staudinger, 1889 – Bongao, Calamian, Cebu, Camiguin de Mindanao, Dinagat, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Palawan, Panay, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: RHAMNACEAE: *Ziziphus oenopolia* (Wild Jujube). VITACEAE: *Cissus repens*.

Common. Frequently “mud-puddles” on damp ground.

485) *Caleta elna* (Hewitson, [1876])

ELBOWED PIERROT

Plate 80

Subspecies and distribution:

(i) *elvira* Fruhstorfer, 1918 – Palawan.

Recorded hostplants: RHAMNACEAE: *Ziziphus jujuba* (Jujube/Mansanitas), *Z.*

oenopolia (Wild Jujube).

Uncommon/local.

486) *Caleta caleta* (Hewitson, [1876]) (as *Caleta argola* by Takanami (2016))

ANGLED PIERROT

Plate 80

Subspecies and distribution:

(i) *argola* Hewitson, 1876 – Basilan, Leyte, Mindanao, Negros, Samar, Sulu Archipelago.

(ii) *gerasa* Fruhstorfer, 1918 – Camiguin de Mindanao.

Recorded hostplant: RHAMNACEAE: *Ziziphus rugosa*.

Uncommon/local.

487) *Discolampa ethion* (Westwood, [1851])

BANDED BLUE PIERROT

Plate 80 and 145

Subspecies and distribution:

(i) *negrosiana* Murayama, 1983 (D'Abrera (1986) treats as a separate species) – Negros (Mt. Canlaon).

(ii) *ulysses* Staudinger, 1889 – Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, Palawan, Panaon, Sanga Sanga, Tawi-Tawi, Ticao.

Recorded hostplants: RHAMNACEAE: *Zizyphus jujuba* (Jujube/Mansanitas), *Z. oenopolia* (Wild Jujube).

Uncommon/local.

488) *Danis schaeffera* (Eschscholtz, 1821) (as *Nothodanis schaeffera* by Takanami (2016))

Plate 146

Subspecies and distribution:

(i) *schaeffera* (Eschscholtz, 1821) – Balabac, Bohol, Cebu, Camotes, Luzon, Masbate, Mindoro, Mindanao, Negros, Palawan, Sanga Sanga, Sibuyan, Tawi-Tawi, Ticao.

Recorded hostplant: CONNARACEAE: (unspecified).

Uncommon/local.

489) *Jamides bochus* (Stoll, 1782)

DARK CAELURIAN

Plate 80

Subspecies and distribution:

- (i) *bochus* (Stoll, 1782) (only listed in Takanami, 2016) – Balabac, Calamian, Palawan, Tawi-Tawi.
- (ii) *pulchrior* Grose-Smith, 1895 (only listed in Takanami, 2016) – Bohol, Catanduanes, Cebu, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Negros, Panaon, Panay, Samar, Sibuyan.
- (iii) *georgi* Fruhstorfer, 1916 (listed in Treadaway (1995) but not in Takanami (2016)) – Leyte, Mindanan, Samar.
- (iv) *herodicus* Fruhstorfer, 1916 (listed in Treadaway (1995) but not in Takanami (2016)) – Catanduanes, Cebu, Luzon, Masbate, Mindoro, Negros, Panay, Sibuyan.
- (v) *nabonassar* Fruhstorfer, 1916 (listed in Treadaway (1995) but not in Takanami (2016)) – Balabac, Calamian, Palawan, Tawi-Tawi.

Recorded hostplants: FABACEAE: *Butea monosperma* (Flame of the Forest), *Caesalpinia* sp., *Cajanus cajan* (Kadyos), *Callerya reticulata*, *Canavalia cathartica*, *C. ensiformis*, *C. lineata*, *C. rosea*, *Crotalaria juncea*, *C. pallida*, *C. sessiliflora*, *C. verrucosa*, *Derris elliptica*, *D. trifoliata*, *Flemingia macrophylla*, *Macroptilium atropurpureum*, *Phaseolus* sp., *Pongamia pinnata* (Indian Beech/Bani), *Pueraria candollei*, *P. montana*, *P. phaseoloides* (Tropical Kudzu), *P. stricta*, *Tephrosia candida* (White Hoarypea), *Vigna marina*, *V. mungo*, *V. unguiculata*, *Xylia xylocarpa*.
RUTACEAE: ?*Citrus sinensis*.

Uncommon/local.

490) *Jamides celeno* (Cramer, [1775])

COMMON CAELURIAN

Plate 80 and 81

Subspecies and distribution:

- (i) *lydanus* (Fruhstorfer, 1910) (listed as *optimus* Rothschild, 1886 in Treadaway, 1995) – Bohol, Camiguin de Mindanao, Camotes, Catanduanes, Cebu, Dinagat, Jolo, Leyte, Luzon, Mindoro, Mindanao, Negros, Palawan, Panaon, Panay, Samar, Sibuyan, Siquijor.

Recorded hostplants: COMBRETACEAE: *Combretum sundaicum*. FABACEAE: *Abrus precatorius* (Crab's Eye), *Butea monosperma* (Flame of the Forest), *Dolichos rhombifolius*, *Mucuna pruriens*, *Pongamia pinnata* (Indian Beech/Bani), *Pueraria phaseoloides* (Tropical Kudzu), *Saraca indica*, *S. thaipingensis* (Yellow Saraca), *Vigna luteola*, *V. reflexopilosa* (Creole Bean). MARANTACEAE: *Donax canniformis*. MELIACEAE: *Melia* sp., *Heynea trijuga*, *Trichilia hirta*. MALVACEAE: *Theobroma cacao* (Cocoa Tree). ZINGIBERACEAE: *Elettaria cardamomum*.

Common. *Jamides* species are difficult to distinguish from each other. This one has

a pale upperside and a fairly distinctive underside compared with some of the genus.

491) *Jamides pura* (Moore, 1886)

WHITE CAELURIAN

Plate 81

Subspecies and distribution:

(i) *eordaea* Fruhstorfer, 1916 – Balabac, Palawan, Sibutu, Tawi-Tawi.

Recorded hostplants: FABACEAE: *Saraca* sp., *Xylia xylocarpa*. ZINGIBERACEAE: *Alpinia siamensis*, *Zingiber officinale* (Ginger).

Uncommon/local.

492) *Jamides philatus* (Snellen, 1878)

BURMESE CAERULEAN

Plate 81 and 146

Subspecies and distribution:

(i) *osias* Röber, 1886 – Basilan, Dinagat, Jolo, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros, Palawan, Panay, Sanga Sanga, Sibutu, Siquijor, Tawi-Tawi.

Common.

493) *Jamides elpis* (Godart, [1824])

GLISTENING CAERULEAN

Plate 81

Distribution: Balabac, Basilan, Dumarán, Palawan, [Leyte, Mindanao, Samar (Treadaway, 1995)].

Recorded hostplants: ZINGIBERACEAE: *Boesenbergia rotunda*. FABACEAE: *Saraca declinata* (Red Saraca). SAPINDACEAE: *Lepisanthes amoena*.

Uncommon/local.

494) *Jamides virgulatus* H. H. Druce, 1895 (listed in Treadaway (1995) but not in Takanami (2016))

Plate 81

Subspecies and distribution:

(i) unnamed ssp. – Palawan.

Very rare.

495) *Jamides alsietus* Fruhstorfer, 1916

Not illustrated

Distribution: Basilan, Leyte, Marinduque, Masbate, Mindanao, Negros.

Uncommon/local.

495.1) *Jamides camarines* Takanami, 1990 (Treadaway (1995) treats as a subspecies of *J. alsietus*)

Not illustrated

Distribution: Luzon, Mindoro.

Uncommon/local.

495.2) *Jamides espada* (Fruhstorfer, 1916)

Plate 81

Subspecies and distribution:

(i) *sabatus* Fruhstorfer, 1916 (Treadaway (1995) treats as a subspecies of *J. alsietus* and D'Abbrera (1986) regards as a synonym of *alsietus*) – Palawan.

496) *Jamides aratus* (Stoll, [1781])

Not illustrated

Subspecies and distribution:

(i) *adana* Druce, 1875 – Balabac, Calamian, Palawan, [Sibutu (Treadaway, 1995)].

Rare.

497) *Jamides cunilda* Snellen, 1896

Plate 82

Subspecies and distribution:

(i) *sekii* Takanami, 1988 (Takanami (2016) treats as a full species) – Palawan.

Recorded hostplants (of *J. cunilda*): FABACEAE: *Xylia xylocarpa*. SAPINDACEAE: *Harpullia cupanioides*.

Rare.

498) *Jamides alecto* (C. Felder, 1860)

METALLIC CAELURIAN

Plate 82

Subspecies and distribution:

(i) *kawazoei* Hayashi, 1976 – Palawan.

(ii) *manilana* Toxopeus, 1930 – Catanduanes, [Cebu (Treadaway, 1995)], Dinagat, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Negros, Panay, Samar.

Recorded hostplants: EUPHORBIACEAE: *Hevea* sp.. FABACEAE: *Pueraria phaseoloides*

(Tropical Kudzu), *Saraca declinata*. ZINGIBERACEAE: *Alpinia zerumbet*, *Boesenbergia rotunda*, *Curcuma aeruginosa*, *Elettaria cardamomum*, *Etingera elatior* (Torch Ginger), *Hedychium coronarium* (White Ginger Lily/Butterfly Ginger), *Zingiber odoriferum*, *Z. zerumbet* (Bitter Ginger/Shampoo Ginger/Tumbong-aso).

Common.

499) *Jamides cyta* (Boisduval, 1832)

BORDERED CAERULEAN

Plate 82

Subspecies and distribution:

- (i) *natsumiae* Hayashi, 1976 – Palawan.
- (ii) *raddatzi* Schröder & Treadaway, 1984 – Camiguin de Luzon, Catanduanes, Leyte, Luzon, Marinduque, Mindanao, Negros, Panay, Samar, Sanga Sanga, Sibuyan, Tawi-Tawi.
- (iii) *koenigswarteri* Schröder, Treadaway & Nuyda, 1993 – Mindoro.

Recorded hostplant: MYRTACEAE: (unspecified).

Uncommon/local.

500) *Jamides cleodus* C. & R. Felder, [1865]

Plate 82 and 146

Subspecies and distribution:

- (i) *cleodus* C. & R. Felder, [1865] – Basilan, Dinagat, Jolo, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros, Panay, Samar, Sanga Sanga, Sibuyan, Siquijor, Tawi-Tawi.
- (ii) *itumunus* Treadaway & Nuyda, 1995 – Homonhon.
- (iii) *trichonis* Fruhstorfer, 1916 – Balabac, Camiguin de Mindanao, Palawan.
- (iv) unnamed ssp. (listed in D'Abrera (1986) only) – south-east Mindanao.

Common. Sometimes numerous in forest habitats or some rural agricultural areas where there are some trees. It sometimes occurs along with *J. suidas*; the pale whitish-blue upperside of *J. cleodus* readily distinguishes it from that species.

501) *Jamides schatzi* Röber, 1886

Plate 82 and 83

Subspecies and distribution:

- (i) *jumaloni* Hayashi, 1976 – Cebu, Dinagat, Leyte, Luzon, Marinduque, Masbate, Mindanao, Negros, Palawan, Panay, Samar, Sibuyan.

Uncommon/local.

502) *Jamides suidas* C. & R. Felder, [1865]

Plate 83 and 146

Subspecies and distribution:

(i) *suidas* C. & R. Felder, [1865] – Babuyan, Bohol, Leyte, Luzon, Marinduque, Mindoro, Mindanao, Sibuyan, Polillo.

Common. Occurs in similar habitats to *J. cleodus* and sometimes with it; the deep blue upperside of *J. suidas* distinguishes it.

503) *Jamides aritai* Hayashi, 1977

Not illustrated

Subspecies and distribution:

(i) *aritai* Hayashi, 1977 (Takanami (2016) treated as synonymous with *J. espada sabatus* (Fruhstorfer, 1915)) – Palawan.

(ii) *mindanensis* Hayashi, 1977 (Takanami (2016) treated as synonymous with *J. espada sabatus* (Fruhstorfer, 1915)) – Luzon, Masbate, Mindanao, Negros, Panay.

Uncommon/local.

504) *Jamides callistus* Röber, 1886

Plate 83

Subspecies and distribution:

(i) *callistus* Röber, 1886 – Basilan, Dinagat, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Panay, Samar, Sibuyan.

(ii) *mioae* Hayashi, 1976 – Calamian, Dumarán, Palawan, [Sibutu (Treadaway, 1995)]

Rare.

505) *Catochrysops strabo* (Fabricius, 1793)

FORGET-ME-NOT

Plate 83 and 84

Subspecies and distribution:

(i) *luzonensis* Tite, 1959 – Balabac, Basilan, Bohol, Dinagat, Dumarán, Jolo, Leyte, Luzon, Masbate, Mindoro, Mindanao, Palawan, Panaon, [Panay (Treadaway, 1995)], Samar, Sulu.

Recorded hostplants: FABACEAE: *Acacia* sp., *Butea monosperma* (Flame of the Forest), *Cajanus cajan* (Kadyos), *Desmodium heterocarpon*, *D. oojeinense*, *Dolichos* sp., *Dunbaria villosa*, *Paracalyx scariosus*, *Phaseolus* sp. (Bean), *Phyllodium longipes*, *Vigna cylindrica*, *V. radiata*, *V. unguiculata*. SAPINDACEAE: *Schleichera oleosa*.

Very common. Occurs in Metro Manila. Tolerant of a wide range of habitat

including in and around cities; often settles on low vegetation or takes nectar from low-growing flowering plants.

506) *Catochrysops panormus* (C. Felder, 1860)

SILVER FORGET-ME-NOT

Plate 84

Subspecies and distribution:

(i) *exiguus* Distant, 1886 – Balabac, Dinagat, Mindanao, Palawan, Sibutu, Tawi-Tawi.

Recorded hostplants: FABACEAE: *Albizia lebbbeck*, *Cajanus cajan* (Kadyos), *Crotalaria alata*, *Lablab purpureus*, *Phaseolus lunatus* (Lima Bean), *Sesbania bispinosa* (Canicha/ Prickly Sesban), *Vigna cylindrica*, *V. radiata*.

Uncommon/local.

507) *Lampides boeticus* (Linnaeus, 1767)

PEA BLUE

Plate 84

Distribution: Balabac, Luzon, Marinduque, Mindoro, Negros, Palawan.

Recorded hostplants: FABACEAE: *Butea monosperma* (Flame of the Forest), *Caesalpinia* sp., *Cajanus cajan* (Kadyos), *Canavalia ensiformis*, *C. lineata*, *Chamaecytisus prolifer* (Tree Lucerne), *Colutea arborescens* (Bladder-senna), *Crotalaria incana*, *C. juncea*, *C. micans*, *C. pallida*, *C. retusa*, *C. saltiana*, *C. sessiliflora*, *C. trichotoma*, *Dolichos* sp., *Dunbaria punctata*, *Glycine max*, *Kennedia prostrata*, *Lablab purpureus*, *Lathyrus odoratus* (Sweet Pea), *Lotus australis*, *Lupinus* sp. (Lupin), *Medicago sativa* (Lucerne/ Alfalfa), *Melilotus* sp., *Phaseolus vulgaris* (Garden Bean), *Pisum sativum* (Garden Pea), *Podalyria* sp., *Psophocarpus* sp., *Psoralea patens*, *Pueraria montana*, *Sesbania cannabina*, *Swainsona formosa* (Sturt's Desert Pea), *Virgilia oroboides*, *Vicia faba* (Broad Bean), *V. sativa* (Common Vetch), *Vigna angularis*, *V. radiata*, *V. unguiculata*, *Xylia xylocarpa*. LILIACEAE: ?*Lilium callosum*.

Very common. Occurs in Metro Manila. This strongly migratory species which ranges over most of Asia as well as Europe, Africa and Australia, is likely to be found almost anywhere in the Philippines, in urban as well as rural areas.

508) *Leptotes plinius* (Fabricius, 1793)

ZEBRA BLUE/PLUMBAGO BLUE

Plate 84

Subspecies and distribution:

(i) *leopardus* Schultz, 1910 – Leyte, Luzon, Mindanao (Surigao, South Cotabato).

Recorded hostplants: FABACEAE: *Albizia lebbbeck*, *Galactia tashiroi*, *Glycine tomentella*, *Indigofera suffruticosa*, *Lablab purpureus*, *Rhynchosia tomentosa*, *Sesbania bispinosa* (Canicha/Prickly Sesban). PLUMBAGINACEAE: *Plumbago auriculata*, *P. zeylanica* (White Plumbago/Sangdikit). RHAMNACEAE: *Ziziphus jujuba* (Jujube/Mansanitas).

Locally common.

509) *Castalius rosimon* (Fabricius, 1775)

COMMON PIERROT

Plate 85

Subspecies and distribution:

(i) *monrosi* Semper, 1889 – Luzon, Samar.

Recorded hostplants: RHAMNACEAE: *Paliurus ramosissimus*, *Ziziphus jujuba*, *Z. oenopolia* (Wild Jujube), *Z. rugosa*.

Rare.

510) *Tarucus waterstradti* H. H. Druce, 1895

Not illustrated

Subspecies and distribution:

(i) *simillimus* Schröder & Treadaway, 1985 – Mindanao (Surigao).

Recorded hostplants: MYRTACEAE: *Eugenia* sp.. RHAMNACEAE: *Ziziphus jujuba* (Jujube/Mansanitas).

Very rare.

511) *Zizeeria karsandra* (Moore, 1865)

DARK GRASS BLUE

Plate 85

Distribution: Jolo, Luzon, Marinduque, Mindanao, Negros, Palawan.

Recorded hostplants: AMARANTHACEAE: *Amaranthus tricolor*, *A. viridis* (Slender Amaranth/Kolitis). FABACEAE: *Zornia diphylla*. ZYGOPHYLLACEAE: *Tribulus cistoides* (Puncture Vine), *T. terrestris* (Bullshead Burr/Caltrop).

Very common. Occurs in Metro Manila. Even the tiniest patches of short grass seem able to support this species.

512) *Pseudozizeeria maha* Kollar, [1844] (as *Zizeeria maha* by Takanami (2016))

PALE GRASS BLUE

Plate 85

Subspecies and distribution:

(i) *okinawana* Matsumura, 1929 – northern Luzon, Siargao.

Recorded hostplants: ACANTHACEAE: (unspecified). FABACEAE: (unspecified).

OXALIDACEAE: *Oxalis corniculata* (Creeping Wood Sorrel/Yellow Wood Sorrel).

ZYGOPHYLLACEAE: *Tribulus terrestris* (Bullshead Burr/Caltrop).

Locally common. It has been seen in numbers in the city parks in Baguio.

513) *Zizina otis* (Fabricius, 1787)

LESSER GRASS BLUE

Plate 85 and 86

Subspecies and distribution:

(i) *oriens* (Butler, 1883) (listed as *otis* (Fabricius, 1787) in Treadaway, 1995) – Bohol, Cebu, Dinagat, Dumaran, Jolo, Leyte, Luzon, Marinduque, Mindanao, Negros, Palawan.

Recorded hostplants: AMARANTHACEAE: *Amaranthus spinosus*. FABACEAE: *Alysicarpus vaginalis*, *Desmodium scorpiurus*, *D. triflorum*, *Glycine max*, *Indigofera spicata*, *I. zollingeriana*, *Lotus corniculatus*, *L. pedunculatus*, *Medicago sativa*, *Mimosa pudica* (Sensitive plant/Makahiya plant), *Sesbania bispinosa* (Canicha/Prickly Sesban), *Trifolium repens*, *Vigna radiata*, *V. unguiculata*, *Zornia diphylla* (FABACEAE). ZYGOPHYLLACEAE: *Tribulus terrestris* (Bullshead Burr/Caltrop).

Very common. Occurs in Metro Manila. Extremely abundant even right in the centre of Manila in almost any area of short grass, even in parks where the grass is regularly mown. It often occurs along with *Zizeria karsandra*, from which it can be distinguished by one of the spots in the near-central band on the hindwing being out of line with the others, and forming a colon with the spot immediately above it; in *Z. karsandra* (and also in *Zizula hylax*) the spots form a regular curved band.

514) *Zizula hylax* (Fabricius, 1775)

TINY GRASS BLUE

Plate 86

Distribution: Leyte, Luzon, Marinduque, Palawan, Sibutu, Tawi-Tawi [Mindoro, Panay, probably Philippines generally (D'Abbrera, 1986)].

Recorded hostplants: ACANTHACEAE: *Blechnum pyramidatum*, *Dicliptera chinensis*, *Dyschoriste repens*, *Hygrophila erecta*, *Ruellia tuberosa*. FABACEAE: *Mimosa pudica* (Sensitive plant/Makahiya plant). LAMIACEAE: *Rothea incisa*. VERBENACEAE: *Lantana camara*.

Very common. Occurs in Metro Manila. It often occurs in the same habitats as

Zizeeria karsandra and *Zizina otis*, though it tends to fly more around shrubs and at a slightly higher level above the grasses than they do. It is distinguished by its noticeably narrower wings and also by having two black spots just inward from the costal margin of the forewing underside, one just less than half-way along the wing and the other just over half-way.

515) *Famegana alsulus* (Herrich-Schäffer, 1869)

BLACK-SPOTTED GRASS BLUE

Plate 86

Distribution: Luzon, Negros.

Recorded hostplants: FABACEAE: *Phyllodium elegans*.

Uncommon/local.

516) *Everes lacturnus* (Godart, [1824])

INDIAN CUPID

Plate 86

Subspecies and distribution:

(i) *lacturnus* (Godart, [1824]) – Dinagat, Dumaran, Luzon, Mindanao, Negros, Palawan, Sanga Sanga, Tawi-Tawi.

Recorded hostplants: FABACEAE: *Desmodium gangeticum*, *D. heterocarpon*, *Lotus* sp. (Trefoil), *Phyllodium elegans*, *P. longipes*, *Trifolium* sp. (Clover).

Common. In rural habitats.

517) *Pithecopus corvus* Fruhstorfer, [1919]

FOREST QUAKER

Plate 86 and 87

Subspecies and distribution:

(i) *corvus* Fruhstorfer, [1919] (specified in D'Abrera (1986) & Takanami (2016)) – Basilan, Bohol, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Palawan, Panay, Panaon, Samar, Sanga Sanga, Sibuyan.

Recorded hostplants: FABACEAE: *Desmodium laxiflorum*, *Hylodesmum laxum*, *Ohwia caudata*. RUBIACEAE: *Gardenia jasminoides*.

Common. As the vernacular name implies, a forest species; usually flying 1–2 m above the ground and fairly conspicuous.

518) *Neopithecopus zalmora* (Butler, 1870)

QUAKER

Plate 87

Subspecies and distribution:

(i) *zalmora* (Butler, 1870) – Cebu, Leyte, Luzon, Palawan, Tawi-Tawi.

Recorded hostplants: EBENACEAE: *Diospyros* sp.. RUTACEAE: *Glycosmis chlorosperma*, *G. parviflora*, *G. pentaphylla*.

Uncommon/local.

519) *Neopithecopis iolanthe* Eliot & Kawazoé, 1983

Not illustrated

Subspecies and distribution:

(i) *boholicus* Eliot & Kawazoé, 1983 – Bohol.

Recorded hostplant: RUTACEAE: *Glycosmis chlorosperma*.

Very rare.

520) *Megisba malaya* (Horsfield, 1828)

MALAYAN

Plate 87, 146 and 147

Subspecies and distribution:

(i) *sikkima* Moore, 1884 – Balabac, Bohol, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Negros, Palawan, Panay, [Samar, Sibutu (Treadaway, 1995)], Sibuyan, Tawi-Tawi.

Recorded hostplants: EUPHORBIACEAE: *Macaranga tanarius*, *Mallotus japonicus*, *M. paniculatus* (Turn-in-the-wind), *M. philippensis*, *M. repandus*, *M. resinosus*, *Trigonostemon* sp.. RHAMNACEAE: *Rhamnus formosana*. SAPINDACEAE: *Allophylus cobbe* (Titberry), *A. timorensis*.

Common.

521) *Cebrella penelope* Eliot & Kawazoé, 1983

Not illustrated

Subspecies and distribution:

(i) *penelope* Eliot & Kawazoé, 1983 – Luzon, northern, north-eastern & southern Mindanao (Mt. Apo, Mt. Kitanglad, Agusan), Mindoro.

(ii) *kashiwii* Eliot & Kawazoé, 1983 – western Panay.

Endemic; very rare.

522) *Lestranicus yoshidai* Eliot & Kawazoé, 1983

Not illustrated

Distribution: Mindanao.

Endemic; uncommon/local.

523) *Udara dilecta* (Moore, 1879)

PALE HEDGE BLUE

Plate 87 and 155

Subspecies and distribution:

(i) *dilecta* Moore, 1879 – Luzon, Mindanao, Mindoro, Negros, Palawan.

(ii) *paracatius* Fruhstorfer, 1917 (listed in Treadaway (1995) but not in Takanami (2016)) – northern Mindoro.

Recorded hostplants: FAGACEAE: *Castanopsis carlesii*, *C. cuspidata*.

Uncommon/local.

523.1) *Udara rona* (Grose-Smith, 1894)

Not illustrated

Subspecies and distribution:

(i) *imeldae* Schröder & Treadaway, 1998 – Palawan.

524) *Udara placidula* (H. H. Druce, 1895)

NARROW-BORDERED HEDGE BLUE

Plate 88

Subspecies and distribution:

(i) *placidula* (H. H. Druce, 1895) (listed in Treadaway (1995) but not in Takanami (2016)) – northern Mindoro.

(ii) *kawazowei* Hayashi, 1976 – Leyte, Luzon, Mindanao, Mindoro, Negros, Palawan.

Rare.

525) *Udara cyma* (Toxopeus, 1927)

Plate 88

Subspecies and distribution:

(i) *elioti* Hayashi, 1976 – Palawan.

Very rare.

526) *Udara camenae* (de Nicéville, 1895)

Plate 155

Subspecies and distribution:

(i) *filipina* Murayama & Okamura, 1973 – Luzon, Mindoro, Mindanao.

Uncommon/local.

527) *Udara dilectissima* (H. H. Druce, 1895)

Plate 88

Subspecies and distribution:

- (i) *luzona* Eliot & Kawazoé, 1983 – Luzon, Marinduque, Mindanao.
- (ii) unnamed ssp. – Mindoro.

Rare.

528) *Udara selma* (H. H. Druce, 1895)

BICOLOURED HEDGE BLUE

Plate 88

Subspecies and distribution:

- (i) *arsina* (Fruhstorfer, 1922) – Mindoro.
- (ii) *mindanensis* Eliot & Kawazoé, 1983 – Mindanao, Negros, Palawan.

Very rare.

529) *Udara santotomasana* Eliot & Kawazoé, 1983

Plate 88 and 89

Subspecies and distribution:

- (i) *santotomasana* Eliot & Kawazoé, 1983 – central & northern Luzon, northern Mindoro.
- (ii) *subpura* Eliot & Kawazoé, 1983 – southern Mindanao (Mt. Apo).
(Takanami (2016) does not regard as separate subspecies).

Endemic; uncommon/local.

530) *Udara aemulus* Eliot & Kawazoé, 1983

Not illustrated

Distribution: southern Mindanao (Mt. Apo).

Endemic; very rare.

531) *Udara wilemani* Eliot & Kawazoé, 1983

Not illustrated

Distribution: northern Luzon.

Endemic; rare.

532) *Udara nishiyamai* Eliot & Kawazoé, 1983

Not illustrated

Distribution: southern Mindanao (Mt. Apo).

Endemic; uncommon/local.

533) *Udara tyotaroii* Eliot & Kawazoé, 1983

Not illustrated

Distribution: southern Mindanao (Mt. Apo), Negros.

Endemic; rare.

534) *Sidima murayamai* Eliot & Kawazoé, 1983

Plate 89

Distribution: Luzon, northern Mindanao (Misamis).

Endemic; uncommon/local.

535) *Acytolepis puspa* (Horsfield, [1828])

COMMON HEDGE BLUE

Plate 89 and 147

Subspecies and distribution:

(i) *bazilana* (Fruhstorfer, 1910) – Basilan, Camiguin de Mindanao, [Jolo (Treadaway, 1995)], Leyte, Mindanao, Mindoro, [Samar (Treadaway, 1995)], Tawi-Tawi.

(ii) *cagaya* (C. & R. Felder, [1865]) – Luzon, Mindanao, Mindoro, Palawan.

Recorded hostplants: CYCADACEAE: *Cycas circinalis*, *C. rumphii*. DIPTEROCARPACEAE: *Shorea roxburghii*. FABACEAE: *Caesalpinia pulcherrima* (Peacock Flower), *Falcataria moluccana* (Moluccan Sau/Falcata), *Paracalyx scariosus*, *Peltophorum pterocarpum*, *Pithecellobium dulce* (Madras Thorn/Camachile), *Senna* spp., *Xylia xylocarpa*. FAGACEAE: *Lithocarpus edulis*, *Quercus acutissima*, *Q. glauca*, *Q. phillyreoides*. HAMAMELIDACEAE: *Distylium racemosum*. MALPIGHIACEAE: *Hiptage benghalensis*. PHYLLANTHACEAE: *Breynia vitis-idaea*, *Bridelia insulana*, *B. tomentosa*, *Cleistanthus monoicus*, *Glochidion lanceolatum*, *G. rubrum*, *G. triandrum*. ROSACEAE: *Photinia benthamiana*, *Rosa indica*, *R. multiflora*. SAPINDACEAE: *Dimocarpus longan* (Wild Longan), *Litchi* sp., *Sapindus mukorossi* (Chinese Soapberry), *Schleichera oleosa*, *S. trijuga*.

Common. In forests and rural habitats. It will sometimes “mud-puddle” on damp ground.

536) *Celarchus archagathos* (Fruhstorfer, 1910)

Plate 89

Subspecies and distribution:

- (i) *archagathos* (Fruhstorfer, 1910) – Basilan, Camiguin de Mindanao, Mindanao.
- (ii) *leytensis* Eliot & Kawazoé, 1983 – southern Leyte, Panay.

Endemic; uncommon/local.

537) *Celarchus hermarchus* (Fruhstorfer, 1910)

Not illustrated

Subspecies and distribution:

- (i) *hermarchus* (Fruhstorfer, 1910) – Luzon, [Marinduque (Treadaway, 1995)], Masbate, Negros.
- (ii) *vesontia* (Fruhstorfer, 1917) – [Leyte (Treadaway, 1995)] Mindoro, Romblon, Samar, Sibuyan.

Endemic; common.

538) *Celastrina argiolus* (Linnaeus, 1758)

Plate 90

Subspecies and distribution:

- (i) *sugurui* Eliot & Kawazoé, 1983 – northern Luzon.

Very rare. This species is widely distributed in Europe, some parts of Asia and North America, but has only once been recorded in the Philippines.

539) *Celastrina philippina* (Semper, 1889)

Plate 90

Subspecies and distribution:

- (i) *philippina* (Semper, 1889) – Camotes, Luzon, Masbate, Mindanao, Negros, Palawan.

Uncommon/local.

540) *Celastrina algeroni* (Fruhstorfer, 1917)

Plate 90

Subspecies and distribution:

- (i) *algeroni* (Fruhstorfer, 1917) – Leyte, Luzon, Mindanao.
- (ii) *kadazanensis* Barlow, Banks & Holloway, 1971 – Palawan.

Common.

541) *Celastrina lavendularis* (Moore, 1877)

PLAIN HEDGE BLUE

Plate 90

Subspecies and distribution:

(i) *hermesianax* Fruhstorfer, 1910 – Leyte, Luzon, Masbate, Mindoro, Mindanao, Negros.

Recorded hostplant: FABACEAE: *Callerya reticulata*.

Uncommon/local.

542) *Callenya kaguya* Eliot & Kawazoé, 1983

Not illustrated

Distribution: Palawan.

Endemic; rare.

543) *Monodontides apona* (Fruhstorfer, 1910)

Not illustrated

Distribution: southern Mindanao (Mt. Apo).

Endemic; rare.

544) *Monodontides luzonensis* Eliot & Kawazoé, 1983

Not illustrated

Distribution: northern Luzon, northern Mindoro.

Endemic; uncommon/local.

545) *Monodontides kolari* (Ribbe, 1926)

Not illustrated

Distribution: Mindanao.

Rare.

546) *Monodontides hondai* Eliot & Kawazoé, 1983

Not illustrated

Distribution: Luzon, Masbate, Mindoro, Mindanao, Negros, Palawan, Panay.

Endemic; uncommon/local.

547) *Euchrysops cnejus* (Fabricius, 1798)

GRAM BLUE/CUPID

Plate 90 and 91

Subspecies and distribution:

(i) *cnejus* (Fabricius, 1798) – Cebu, Dinagat, Leyte, Luzon, Marinduque, Mindanao, Negros, Palawan, Tawi-Tawi.

Recorded hostplants: EUPHORBIACEAE: *Hevea* sp.. FABACEAE: *Acacia* sp., *Butea monosperma* (Flame of the Forest), *Cajanus cajan* (Kadyos), *Canavalia ensiformis*, *C. rosea*, *Crotalaria juncea*, *Desmodium oojeinense*, *Dunbaria villosa*, *Flemingia macrophylla*, *Lablab purpureus*, *Macroptilium lathyroides*, *Paracalyx scariosus*, *Phaseolus vulgaris* (Garden Bean), *Psophocarpus tetragonolobus*, *Pueraria phaseoloides* (Tropical Kudzu), *Sesbania* sp., *Vigna aconitifolia*, *V. angularis*, *V. cylindrica*, *V. luteola*, *V. marina*, *V. minima*, *V. mungo*, *V. radiata*, *V. reflexopilosa* (Creole Bean), *V. trilobata*, *V. unguiculata* (Cowpea), *V. vexillata*. LAMIACEAE: *Volkameria inermis*.

Very common. In most rural areas.

548) *Chilades lajus* (Stoll, [1780])

LIME BLUE

Plate 91

Subspecies and distribution:

(i) *athena* (C. & R. Felder, [1865]) – Bohol, Homonhon, Leyte, Mindanao, Palawan, Panay, Samar, Sanga Sanga, Tawi-Tawi.

Recorded hostplants: ANACARDIACEAE: *Mangifera indica* (Mango). FABACEAE: *Millettia brandisiana*. RUTACEAE: *Atalantia buxifolia*, *Citrus aurantiifolia*, *C. x aurantium*, *C. hystrix*, *C. limon* (Lemon), *C. maxima* (Pomelo), *C. sinensis*, *Limonia elephantum*.

Common.

549) *Chilades mindora* (C. & R. Felder, [1865])

Not illustrated

Distribution: Bongao, Calamian, Cebu, Camiguin de Luzon, Homonhon, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Palawan, Samar, Sanga Sanga, Tawi-Tawi, Ticao.

Recorded hostplants: CYCADACEAE: (unspecified).

Endemic; uncommon/local.

550) *Chilades pandava* (Horsfield, [1829])

PLAINS CUPID/CYCAD BLUE

Plate 91

Subspecies and distribution:

(i) *vapanda* Semper, 1889 – Leyte, Luzon.

Recorded hostplants: CYCADACEAE: *Cycas circinalis*, *C. pectinata*, *C. revoluta* (Cycad Palm/Sago Palm), *C. rumphii*, *C. taiwaniana*, *C. thouarsii*. FABACEAE: *Acacia* sp., *Bauhinia divaricata*, *B. vahlii*, *B. variegata*, *Butea monosperma* (Flame of the Forest), *Desmodium oojeinense*, *Xylia xylocarpa*. RUTACEAE: *Citrus maxima* (Pomelo).

Very common. Occurs in Metro Manila. This butterfly often abounds around Cycad palms in the centre of Manila.

551) *Chilades parrhasius* (Fabricius, 1793) (listed in Treadaway (1995) but not in Takanami (2016))

Plate 92

Distribution: Bohol, Camotes, Leyte, Luzon, Mindanao.

Recorded hostplants: FABACEAE (unspecified).

Rare.

552) *Freyeria trochylus* (Freyer, 1845) (as *Freyeria putli* by Takanami (2016))

GRASS JEWEL

Plate 92

Subspecies and distribution:

(i) *gnoma* (Snellen, 1876) – Luzon.

Recorded hostplants: BORAGINACEAE: (unspecified). EUPHORBIACEAE: (unspecified). FABACEAE: *Indigofera hirsuta* (Hairy Indigo), probably other legumes.

Locally common.

553) *Spindasis syama* (Horsfield, [1829])

CLUB SILVERLINE

Plate 92

Subspecies and distribution:

(i) *negrita* C. Felder, 1862) – Bohol, Cebu, Camiguin de Luzon, Camotes, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Negros, Panay, Polillo, Samar.

Recorded hostplants: DIOSCOREACEAE: *Dioscorea* sp.. FABACEAE: *Xylia* sp.. LAMIACEAE: *Gmelina arborea* (Beechwood). MELASTOMATACEAE: (unspecified). MYRTACEAE: *Psidium guajava* (Guava/Bayabas).

Common. Occurs in Metro Manila. A striking and quite conspicuous species, the only representative of the genus in the Philippines. It often takes nectar from *Ageratum* and other low-growing flowering shrubs.

554) *Austrozephyrus reginae* Schröder & Treadaway, 1982

Not illustrated

Distribution: southern Palawan.

Endemic; very rare.

555) *Arhopala anthelus* (Westwood, [1851])

MULTI-SPOTTED OAKBLUE/MAGNIFICENT OAKBLUE

Plate 92

Subspecies and distribution:

(i) *impar* Evans, 1957 – Mindoro.

(ii) *marinduquensis* Hayashi, Schröder & Treadaway, 1984 – Marinduque.

(iii) *paradisii* Schröder & Treadaway, 1990 – Dinagat.

(iv) *reverie* Seki, 1994 – Panay.

(v) *sanmariana* Osada & Hashimoto, 1987 – north-eastern Luzon.

(vi) *saturationior* Staudinger, 1889 – Palawan.

(vii) *sotades* Fruhstorfer, 1914 – Bohol, Leyte, southern Luzon, Mindanao, Samar.

Uncommon/local. The huge genus *Arhopala* contains species which in the main are rarely encountered, keeping to the tree canopy in forests, and most are very difficult to distinguish.

556) *Arhopala nakamotoi* Hayashi, 1978 (listed in D'Abbrera (1986) only)

Not illustrated

Distribution: Mindanao.

557) *Arhopala eridanus* (C. Felder, 1860)

Not illustrated

Subspecies and distribution:

(i) *dilutionior* Staudinger, 1889 – Balabac, Cuyo, Luzon, Mindanao, Palawan.

Uncommon/local.

558) *Arhopala anarte* (Hewitson, 1862) (listed in D'Abbrera (1986) only)

Not illustrated

Distribution: ?Palawan.

559) *Arhopala trionoaea* Semper, 1890 (D'Abbrera (1986) treats as a subspecies of *A. anarte*)

Not illustrated

Distribution: Leyte, Luzon, Marinduque, Mindanao, Samar.

Endemic; uncommon/local.

560) *Arhopala alexandrae* Schröder & Treadaway, 1978

Not illustrated

Distribution: Mindanao. [Bohol, Panay, Luzon, Marinduque (D'Abbrera, 1986)].

Endemic; rare.

561) *Arhopala annulata* (C. Felder, 1860)

Not illustrated

Subspecies and distribution:

(i) *annulata* (C. Felder, 1860) – Leyte, Mindanao, Palawan.

Uncommon/local.

562) *Arhopala aedias* (Hewitson, 1862)

LARGE METALLIC OAKBLUE

Plate 92

Subspecies and distribution:

(i) *agnis* C. & R. Felder, [1865] – Palawan, [Sibutu (Treadaway, 1995)].

(ii) *oenotria* (Hewitson, 1869) – Cebu, Mindanao, [Leyte, Luzon, Mindoro, Palawan (Treadaway, 1995)].

Recorded hostplant: DIPTEROCARPACEAE: *Pentacme siamensis*.

Uncommon/local.

562.1) *Arhopala pseudovihara* (Hayashi, 1981)

Not illustrated

Distribution: Leyte, Mindanao.

563) *Arhopala sakaguchii* Hayashi, 1981

Not illustrated

Distribution: Mindoro, Negros.

Endemic; rare.

564) *Arhopala myrzala* (Hewitson, 1869)

MALAYAN OAKBLUE

Plate 155

Subspecies and distribution:

(i) *myrzala* (Hewitson, 1869) – Leyte, Luzon, Mindanao, Samar.

Uncommon/local.

565) *Arhopala allata* (Staudinger, 1889)

ROSY OAKBLUE

Plate 93

Subspecies and distribution:

(i) *allata* (Staudinger, 1889) – Palawan [Mindanao (D’Abrera, 1986)].

(ii) *pambihira* Takanami, 1982 (D’Abrera (1986) treats as a separate species) – Luzon, Mindanao, Negros, [Samar (Treadaway, 1995)].

Uncommon/local.

566) *Arhopala atosia* (Hewitson, [1863])

TAILED DISC OAKBLUE

Plate 93

Subspecies and distribution:

(i) *aricia* (Staudinger, 1889) – Palawan.

Recorded hostplants: DIPTEROCARPACEAE: *Anisoptera laevis*, *Shorea roxburghii*.

EUPHORBIACEAE: *Macaranga gigantea* (Giant Mahang/Binunga/Takip-asin).

FAGACEAE: (unspecified).

Uncommon/local.

566.1) *Arhopala lurida* Corbet, 1941

LESSER DISC OAKBLUE

Plate 93

Subspecies and distribution:

(i) *boxheimeri* Schröder & Treadaway, 2000 – Tawi-Tawi.

567) *Arhopala agesilaus* (Staudinger, 1889)

CORBET’S DULL OAKBLUE

Plate 93

Subspecies and distribution:

(i) *agesilaus* (Staudinger, 1889) – Palawan.

(ii) *philippa* Evans, 1957 – Bohol, Dinagat, Leyte, Mindoro, Mindanao.

Uncommon/local.

568) *Arhopala major* (Staudinger, 1889)

MAJOR YELLOW OAKBLUE

Plate 93

Distribution: Palawan, [Luzon (Treadaway, 1995)].

Recorded hostplant: EUPHORBIACEAE: *Macaranga gigantea* (Giant Mahang/
Binunga/Takip-asin).

Endemic; rare.

568.1) *Arhopala simoni* Schröder & Treadaway, 1999

Not illustrated

Distribution: Tawi-Tawi.

569) *Arhopala amphimuta* (C. Felder, 1860)

BROAD YELLOW OAKBLUE

Plate 93

Subspecies and distribution:

(i) *amphimuta* (C. Felder, 1860) – Luzon, Palawan.

Recorded hostplant: EUPHORBIACEAE: *Macaranga bancana* (Common Mahang).

Uncommon/local.

570) *Arhopala hesba* (Hewitson, 1869)

Not illustrated

Distribution: Bohol, Leyte, [Mindoro (Treadaway, 1995)], Mindanao, Samar.

Endemic; uncommon/local.

571) *Arhopala anamuta* Semper, 1890

Not illustrated

Distribution: Mindoro, Mindanao.

Endemic; rare.

572) *Arhopala luzonensis* Takanami & Ballantine, 1987

Not illustrated

Distribution: north-eastern & south-eastern Luzon.

Endemic; very rare.

573) *Arhopala grandimuta* Seki, 1993

Not illustrated

Subspecies and distribution:

(i) *grandimuta* Seki, 1993 – Leyte.

(ii) *takanamii* Seki, 1993 – Mindanao.

Endemic; uncommon/local.

574) *Arhopala agesias* (Hewitson, 1862)

Not illustrated

Distribution: Philippines generally.

Uncommon/local.

575) *Arhopala abseus* (Hewitson, 1862)

ABERRANT BUSHBLUE/ABERRANT OAKBLUE

Plate 93, 94 and 147

Subspecies and distribution:

(i) *abseus* (Hewitson, 1862) – Palawan, [Bongao, Calamian, Tawi-Tawi (Treadaway, 1995)].

(ii) *amphea* C. & R. Felder, [1865] – Luzon, Marinduque, Mindoro, Mindanao, Negros, Panaon, [Basilan, Bohol, Camiguin de Luzon, Samar (Treadaway, 1995)].

(iii) *oghatinna* Fruhstorfer, 1914 – Basilan, Tawi-Tawi.

Recorded hostplants: DIPTEROCARPACEAE: *Hopea odorata*, *H. pachycarpa*, *Shorea palembanica*. FAGACEAE: (unspecified).

Common. One of the most common of the genus; like the others a forest species. Occasionally it can be seen at low level.

576) *Arhopala theba* (Hewitson, 1863)

Plate 94

Distribution: Bohol, Camiguin de Luzon, Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, Panay, Samar.

Endemic; uncommon/local.

577) *Arhopala matsutaroi* Hayashi, 1979

Not illustrated

Distribution: northern, central, southern & south-eastern Mindanao.

Endemic; uncommon/local.

578) *Arhopala aronya* (Hewitson, 1869)

Not illustrated

Subspecies and distribution:

(i) *aronya* (Hewitson, 1869) – Dinagat, Leyte, [Luzon, Marinduque, Mindoro

(Treadaway, 1995)], Mindanao.

(ii) *natsumiae* Hayashi, 1981 – Negros.

(iii) *mangyan* Schröder & Treadaway, 2000 – Mindoro.

(iv) *kalinga* Schröder & Treadaway, 2000 – Luzon (Kalinga).

Endemic; uncommon/local.

579) *Arhopala cleander* (C. Felder, 1860)

LARGE MERGUI OAKBLUE

Plate 94

Subspecies and distribution:

(i) *malayica* Bethune-Baker, 1903 – Camiguin de Luzon, Leyte, Luzon, Mindanao, Negros, [Sibutu (Treadaway, 1995)].

Uncommon/local.

580) *Arhopala athada* (Staudinger, 1889)

VINOUS OAKBLUE

Plate 94

Subspecies and distribution:

(i) *wilemani* Evans, 1957 – Mindanao.

Recorded hostplants: MYRTACEAE: *Syzygium cumini*, *S. glaucum*, *S. grande* (Sea Apple).

Rare.

581) *Arhopala rudepoema* Seki, 1994

Not illustrated

Distribution: Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, Palawan.

Endemic; uncommon/local.

582) *Arhopala silhetensis* (Hewitson, 1862)

SYLHET OAKBLUE

Plate 94

Subspecies and distribution:

(i) *philippina* Hayashi, 1981 – Leyte, Luzon, Marinduque, Mindoro, Mindanao.

Uncommon/local.

583) *Arhopala zambra* Swinhoe, [1911]

Plate 94

Subspecies and distribution:

(i) *kitamurai* Seki, 1994 – Mindoro.

(ii) *plateni* Evans, 1957 – [Leyte (Treadaway, 1995)], Mindanao.

(iii) *triviata* Seki, 1994 – Negros, Sibuyan.

Rare.

584) *Arhopala agrata* de Nicéville, 1890

DE NICÉVILLE'S DULL OAKBLUE

Plate 94

Subspecies and distribution:

(i) *shirozui* Hayashi, 1976 – Palawan.

Rare.

585) *Arhopala evansi* Corbet, 1941

Not illustrated

Distribution: Sibutu.

Rare.

586) *Arhopala aroa* (Hewitson, [1863])

BRIGHT OAKBLUE

Plate 155

Subspecies and distribution:

(i) *aroa* Hewitson, 1863 – Basilan.

587) *Arhopala selta* (Hewitson, 1869)

REDDISH-BROWN OAKBLUE

Plate 95

Subspecies and distribution:

(i) *hislopi* Eliot, 1962 – Tawi-Tawi.

Rare.

588) *Arhopala phaenops* (C. & R. Felder, [1865])

SUMATRAN OAKBLUE

Plate 95 and 147

Subspecies and distribution:

(i) *phaenops* (C. & R. Felder, [1865]) – Bohol, [Camiguin de Luzon (Treadaway, 1995)], Camiguin de Mindanao, Catanduanes, Leyte, Luzon, Mindoro, Mindanao,

Negros, Panay, Samar.

(ii) *sandakani* Bethune-Baker, 1896 – Palawan, [Tawi-Tawi (Treadaway, 1995)].

(iii) *termerion* Fruhstorfer, 1914 – Basilan.

Uncommon/local.

588.1) *Arhopala detrita* (Staudinger, 1889) (Treadaway (1995) treats as a subspecies of *A. phaenops*)

Not illustrated

Distribution: Palawan.

Uncommon/local.

589) *Arhopala sublustris* Bethune-Baker, 1904

BRIGHT OAKBLUE

Plate 95

Subspecies and distribution:

(i) *sublustris* Bethune-Baker, 1904 – Tawi-Tawi.

Uncommon/local.

590) *Arhopala alitaeus* (Hewitson, 1862)

PURPLE BROKEN-BANDED OAKBLUE

Plate 95

Subspecies and distribution:

(i) *mindanaensis* Bethune-Baker, 1904 (D'Abrera (1986) treats as a separate species; Takanami (2016) spells *mindanensis*) – Dinagat, Leyte, Mindanao, [Panaon (Treadaway, 1995)], Panay, Samar.

(ii) *myrtale* (Staudinger, 1889) – Palawan.

(iii) *shigae* Murayama & Okamura, 1973 (D'Abrera (1986) treats as a separate species, and spells *shige*; Takanami (2016) spells *shigeae*) – Bohol, Luzon, Marinduque, Negros, Sibuyan.

(iv) *zilensis* Fruhstorfer, 1914 – Basilan.

(v) *masarana* Schröder & Treadaway, 2002 – Babuyan (Calayan Is.).

Uncommon/local.

591) *Arhopala myrtha* (Staudinger, 1889)

Not illustrated

Distribution: Palawan.

Endemic; uncommon/local.

592) *Arhopala tephelis* (Hewitson, 1869)

Not illustrated

Subspecies and distribution:

- (i) *unnoi* Hayashi, 1976 – Bohol, Camiguin de Luzon, Cebu, Luzon, Mindanao, Palawan, Sibuyan, [Babuyan, Calamian, Samar (Treadaway (1995))].

Uncommon/local.

593) *Arhopala bazalus* (Hewitson, 1862)

POWDERED OAKBLUE

Plate 95

Subspecies and distribution:

- (i) *asagiae* Hayashi, 1978 – Mindanao.
- (ii) *barbarus* Seki & K. Saito, [2004] – Mindoro.

Recorded hostplants: DIPTEROCARPACEAE: *Hopea* sp.. FAGACEAE: *Castanopsis formosana*, *Lithocarpus brevicaudatus*, *L. edulis*, *L. glaber*, *L. nantoensis*.

Uncommon/local.

594) *Arhopala horsfieldi* (Pagenstecher, 1890)

PEACOCK OAKBLUE

Plate 95

Subspecies and distribution:

- (i) *palawanica* Hayashi, 1976 – Palawan.

Recorded hostplant: FAGACEAE: *Lithocarpus macphailii*.

Uncommon/local.

595) *Arhopala eumolphus* (Cramer, [1780])

GREEN OAKBLUE

Plate 95

Subspecies and distribution:

- (i) *aristomachus* Fruhstorfer, 1914 – Palawan.

Uncommon/local.

596) *Arhopala staudingeri* Semper, 1890

Not illustrated

Subspecies and distribution:

- (i) *staudingeri* Semper, 1890 – Bohol, Leyte, Mindanao, Panaon, Samar.
- (ii) *castagnedai* Osada & Hashimoto, 1987 – Luzon.

(iii) *negrosiana* Hayashi, 1981 – Negros.

Endemic; uncommon/local.

597) *Arhopala chamaeleona* Bethune-Baker, 1903

Plate 96

Subspecies and distribution:

(i) *maputi* Takanami, 1984 – Luzon, Marinduque, [Mindoro (Treadaway, 1995)].

(ii) *mizunumai* Hayashi, 1978 (D'Abbrera (1986) treats as a separate species) – Dinagat, Leyte, Mindanao, Negros, Panaon, Samar.

Uncommon/local.

598) *Arhopala tindongani* Nuyda & Takanami, 1990

Plate 96

Distribution: northern Luzon, Negros.

Endemic; very rare.

599) *Arhopala corinda* (Hewitson, 1869)

ULTRAMARINE OAKBLUE

Plate 96

Subspecies and distribution:

(i) *corinda* (Hewitson, 1869) – Bohol, Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, Samar, [Babuyan, Cuyo, Dinagat, Dumaran, Homonhon, Masbate, Sibutu (Treadaway, 1995)].

Endemic; uncommon/local.

600) *Arhopala agaba* (Hewitson, 1862)

PURPLE-BLAZED OAKBLUE

Plate 96

Distribution: Mindanao.

Endemic.

601) *Arhopala pseudocentaurus* (Doubleday, 1847)

Plate 96 and 147

Subspecies and distribution:

(i) *aglais* (C. & R. Felder, [1865]) – Babuyan, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Polillo, Samar, Sibuyan, Tawi-Tawi.

(ii) *cuyoensis* Schröder & Treadaway, 1999 – Cuyo.

(iii) *decimarie* Schröder & Treadaway, 1999 – Homonhon.

(iv) *dinacola* Schröder & Treadaway, 1999 – Dinagat.

(v) *babuyana* Schröder & Treadaway, 1999 – Camiguin de Luzon.

(vi) *nakula* C. & R. Felder, 1860 – Calamian, Dumaran.

Recorded hostplants: ANACARDIACEAE: *Mangifera indica* (Mango).
COMBRETACEAE: *Terminalia paniculata*. DIPTEROCARPACEAE: *Dipterocarpus* sp.,
Shorea sumatrana. FABACEAE: *Cynometra iripa*. FAGACEAE: *Lithocarpus ewyckii*.
LYTHRACEAE: *Lagerstroemia hypoleuca*, *Sonneratia alba*. MALVACEAE: *Heritiera littoralis*.
MELASTOMATAACEAE: *Memecylon andamanicum*. MYRTACEAE: *Syzygium fruticosum*,
S. samarangense. ROSACEAE: *Rosa* sp..

Common. Much larger than most of the other species of the genus and more habitat-tolerant than most, being sometimes seen in rural areas where there are some trees, as well as in forests.

602) *Arhopala buddha* Bethune-Baker, 1903

BUDDHA OAKBLUE

Plate 96

Subspecies and distribution:

(i) *cooperi* Evans, 1925 – Philippines (unspecified location).

Recorded hostplant: FAGACEAE: (unspecified).

Rare.

603) *Arhopala ocrida* (Hewitson, 1869)

Not illustrated

Subspecies and distribution:

(i) *ocrida* (Hewitson, 1869) – Bohol, Leyte, Luzon, Mindanao, Samar, Sibuyan.

(ii) *cionii* Schröder & Treadaway, 1994 – Sanga Sanga, Tawi-Tawi.

Endemic; uncommon/local.

604) *Arhopala hinigugma* Takanami, 1985

Not illustrated

Distribution: Leyte, Luzon, Mindanao, Negros, Panay.

Endemic; rare.

605) *Arhopala alesia* (C. & R. Felder, 1862)

Not illustrated

Subspecies and distribution:

(i) *alesia* (C. & R. Felder, 1862) – Bohol, Luzon, Marinduque, Mindoro, Mindanao,

[Tawi-Tawi (Treadaway, 1995)].

(ii) *mio* Hayashi, 1981 – Negros.

(iii) *soloni* M. & T. Okano, 1995 – Leyte.

Rare.

606) *Arhopala alaconia* (Hewitson, 1869)

PATCHY OAKBLUE

Plate 97

Subspecies and distribution:

(i) *oberthueri* Staudinger, 1889 – Palawan.

Recorded hostplant: DIPTEROCARPACEAE: *Dipterocarpus baudii*.

Rare.

607) *Arhopala ilocana* Osada & Hashimoto, 1987

Not illustrated

Distribution: northern Luzon.

Endemic; rare.

608) *Arhopala arsenius* (C. & R. Felder, [1865])

Not illustrated

Subspecies and distribution:

(i) *arsenius* (C. & R. Felder, [1865]) – Luzon, [Negros (Treadaway, 1995)].

(ii) *everetti* Evans, 1957 (D'Abbrera (1986) regards as a synonym of *arsenius*) – Mindanao, Mindoro.

Endemic; uncommon/local.

609) *Arhopala epimete* (Staudinger, 1889)

VIOLET-DISC OAKBLUE

Not illustrated

Subspecies and distribution:

(i) *epimete* Staudinger, 1889 – Palawan.

(ii) *magindana* Oda, 1987 – north-eastern Mindanao.

Uncommon/local.

610) *Arhopala inornata* (C. & R. Felder, 1860)

Not illustrated

Subspecies and distribution:

(i) *inornata* C. & R. Felder, 1860 – Philippines generally.

Recorded hostplant: FAGACEAE: *Lithocarpus cantleyanus*.

Uncommon/local.

611) *Arhopala avatha* de Nicéville, 1896

Not illustrated

Subspecies and distribution:

(i) *avatha* de Nicéville, 1896 (listed in Treadaway (1995) but not in Takanami (2016))

– Tawi-Tawi.

(ii) *lana* Evans, 1957 – Mindanao, [Panay (Treadaway, 1995)].

Uncommon/local.

612) *Arhopala davaona* Semper, 1890

Not illustrated

Distribution: Mindanao.

Endemic; rare.

613) *Arhopala fulla* (Hewitson, 1862)

SPOTLESS OAKBLUE

Plate 97

Subspecies and distribution:

(i) *santa* Evans, 1957 – Luzon, [Marinduque (Treadaway, 1995)], Mindoro, Mindanao.

Recorded hostplant: DIPTEROCARPACEAE: *Dipterocarpus* sp..

Uncommon/local.

614) *Arhopala tomokoae* Hayashi, 1976 (Treadaway (1995) treats as a subspecies of *A. paraganesa*)

Not illustrated

Distribution: Palawan.

Very rare.

614.1) *Arhopala paraganesa* (de Nicéville, 1882)

DUSKY BUSHBLUE

Plate 97

Subspecies and distribution:

(i) *hayashii* Schröder & Treadaway, 2002 – Palawan.

615) *Arhopala birmana* Moore, 1884

BURMESE BUSHBLUE

Plate 97

Subspecies and distribution:

(i) *hiurai* Hayashi, 1976 – Palawan.

Recorded hostplants: FAGACEAE: *Lithocarpus konishii*, *Quercus edithiae*, *Q. glauca*, *Q. stenophylloides*.

Uncommon/local.

616) *Arhopala schroederi* Hayashi, 1981 (This taxon is listed in D'Abbrera (1986), with the distribution given as Palawan; it is a synonym of *A. annulata*)

Not illustrated

617) *Flos diardi* (Hewitson, 1862)

BIFID PLUSHBLUE

Plate 97

Subspecies and distribution:

(i) *capeta* Hewitson, 1878 – Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Negros, Palawan, Polillo, Samar, [Sanga Sanga, Sibutu, Tawi-Tawi (Treadaway, 1995)].

Recorded hostplants: FAGACEAE: *Castanopsis annamensis*, *Quercus glauca*, *Lithocarpus elegans* (Spike Oak), *Lithocarpus conocarpus*, *Lithocarpus ewyckii*.

Uncommon/local.

618) *Flos fulgida* (Hewitson, [1863])

SHINING PLUSHBLUE

Plate 97

Subspecies and distribution:

(i) *zilana* Fruhstorfer, 1900 – Basilan, Bohol, Marinduque, Mindoro, Mindanao.

Recorded hostplant: FAGACEAE: *Lithocarpus ewyckii*.

Uncommon/local.

619) *Flos anniella* (Hewitson, 1862)

BRILLIANT PLUSHBLUE/DARKY PLUSHBLUE

Plate 97

Subspecies and distribution:

(i) *anniella* (Hewitson, 1862) – Balabac, Luzon, Mindanao, [Leyte, Marinduque,

Mindoro, Negros, Palawan (Treadaway, 1995)].

Recorded hostplant: FAGACEAE: *Lithocarpus elegans* (Spike Oak), *L. conocarpus*, *L. ewyckii*.

Uncommon/local.

620) *Flos apidanus* (Cramer, [1777])

PLAIN PLUSHBLUE

Plate 97

Subspecies and distribution:

(i) *himna* Fruhstorfer, 1914 – Mindanao.

(ii) *palawanus* Staudinger, 1889 – Balabac, Bohol, Camiguin de Luzon, Luzon, Mindoro, Palawan, [Panay (Treadaway, 1995)], Samar.

(iii) *saturatus* Snellen, 1890 (listed in Treadaway (1995) but not in Takanami (2016)) – Tawi-Tawi.

Recorded hostplants: COMBRETACEAE: *Terminalia catappa* (Indian Almond/Sea Almond/Talisay). LYTHRACEAE: *Lagerstroemia* sp.. MYRTACEAE: *Syzygium cumini*, *S. glaucum*, *S. grande* (Sea Apple), *S. jambos*, *S. polycephalum*.

Uncommon/local.

621) *Flos iriya* Fruhstorfer, 1914

Not illustrated

Distribution: Basilan, Luzon, Mindoro, Mindanao, Negros, [Panay (Treadaway, 1995)], Samar.

Endemic; uncommon/local.

622) *Flos morphina* (Distant, 1884)

Not illustrated

Subspecies and distribution:

(i) *morphina* (Distant, 1884) – Palawan.

Very rare.

623) *Flos setsuroi* Hayashi, 1981 (This taxon is listed in D'Abrera (1986) with the distribution given as Marinduque and Mindoro. It has since been found to be synonymous with *Arhopala pseudocentaurus*)

Not illustrated

624) *Surendra manilana* (C. & R. Felder, 1862)

Plate 98

Subspecies and distribution:

- (i) *manilana* (C. & R. Felder, 1862) – Luzon, Marinduque, Mindoro, Mindanao, Negros, Panay, Samar.
- (ii) *johneliotti* Schröder & Treadaway, 1993 – Bongao.

Endemic; uncommon/local.

625) *Surendra vivarna* (Horsfield, [1829])

ACACIA BLUE

Plate 98

Subspecies and distribution:

- (i) *palowna* Staudinger, 1889 – Balabac, Calamian, Palawan.

Recorded hostplants: FABACEAE: *Acacia* sp., *Falcataria moluccana* (Moluccan Sau/Falcata), *Parkia speciosa* (Petai), *Saraca thaipingensis* (Yellow Saraca), *Archidendron jiringa* (Jering), *Mimosa pigra* (Giant Sensitive Tree).

Endemic; uncommon/local.

626) *Semanga superba* (H. Druce, 1873)

RED-EDGE

Plate 98

Subspecies and distribution:

- (i) *superba* (H. Druce, 1873) – Sanga Sanga.

Recorded hostplants: APOCYNACEAE: *Kopsia fruticosa*. CANNABACEAE: *Trema tomentosa*. EUPHORBIACEAE: *Mallotus paniculatus* (Turn-in-the-wind). FABACEAE: *Saraca declinata*. LORANTHACEAE: *Macrosolen cochinchinensis*. ELASTOMATACEAE: *Melastoma malabathricum*. PHYLLANTHACEAE: *Bridelia tomentosa*.

Uncommon/local.

627) *Amblypodia narada* (Horsfield, [1828])

BLUE LEAF BLUE

Plate 98

Subspecies and distribution:

- (i) *erichsonii* Felder, 1865 – Luzon, Marinduque, Mindoro.
- (ii) *sibutensis* Treadaway & Nuyda, 1993 – Sibutu, Tawi-Tawi.
- (iii) *plateni* Riley, 1922 – Bohol, Cebu, Leyte, Mindanao, Negros, Samar.
- (iv) unnamed ssp. – Palawan.

Uncommon/local.

628) *Iraota rochana* (Horsfield, [1829])

SCARCE SILVERSTREAK

Plate 98

Subspecies and distribution:

- (i) *austrosuluensis* Schröder & Treadaway, 1989 – Bongao, Sanga Sanga, Tawi-Tawi.
 - (ii) *boudanti* Treadaway & Nuyda, 1993 – Sibutu.
 - (iii) *indalawanae* Schröder & Treadaway, 1993 – Balabac.
 - (iv) *garzoni* Schröder & Treadaway, 1986 – Negros, Panay.
 - (v) *lazarena* C. & R. Felder, 1862 – [Babuyan (Treadaway, 1995)], Bohol, Cebu, Dinagat, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Panaon, Samar.
 - (vi) *ottonis* Fruhstorfer, 1907 – [Calamian (Treadaway, 1995)], Palawan.
- (*boholica* Fruhstorfer, listed in D'Abbrera (1986), has been found to be a female form only, not a subspecies).

Recorded hostplants: MORACEAE: *Ficus benjamina* (Weeping Fig/Balete), *F. microcarpa* (Chinese Banyan/Indian Laurel Fig).

Uncommon/local.

629) *Catapaecilma gracilis* Semper, 1890

Plate 99

Distribution: Bohol, Cebu, Leyte, Luzon, [Mindoro (Treadaway, 1995)], Mindanao, Panaon, Samar.

Endemic; uncommon/local.

630) *Catapaecilma nakamotoi* Hayashi, 1979

Not illustrated

Distribution: eastern Mindanao.

Endemic; very rare.

631) *Catapaecilma evansi* Pendlebury, 1933

Not illustrated

Subspecies and distribution:

- (i) *evansi* Pendlebury, 1933 – Palawan.
- (ii) *parva* Schröder & Treadaway, 1988 – northern Negros.
- (iii) *rizali* Takanami, 1984 – Camiguin de Luzon, Luzon, Marinduque, Mindoro.

Recorded hostplant: MYRTACEAE: *Syzygium samarangense*.

Rare.

632) *Catapaecilma nuydai* Takanami, 1984

Not illustrated

Distribution: Mindanao (Bukidnon).

Endemic; rare.

632.1) *Acupicta inopinatum* Schröder & Treadaway, 1998

Not illustrated

Distribution: Mindanao.

633) *Hypothecla astyla* (C. & R. Felder, 1862)

Plate 99

Subspecies and distribution:

(i) *astyla* (C. & R. Felder, 1862) – Bohol, Cebu, Leyte, Luzon, Marinduque, Mindoro, Samar.

(ii) *mindanaensis* Fruhstorfer, 1912 – Mindanao.

(iii) *palawensis* Hayashi, 1976 – Palawan.

(iv) *tegea* Fruhstorfer, 1912 – Basilan.

Endemic; common. Fairly habitat-tolerant.

634) *Loxura cassiopeia* Distant, 1884

BRANDED YAMFLY

Plate 99

Subspecies and distribution:

(i) *owadai* Hayashi, 1977 – Cebu, Mindanao.

(ii) *yilma* Fruhstorfer, 1926 – Palawan [Mindanao (D’Abrera (1986))].

(iii) *amatica* (listed in D’Abrera (1986) only) – Palawan.

Recorded hostplants: DIOSCOREACEAE: (unspecified).

Uncommon/local.

635) *Loxura atymnus* (Stoll, [1780])

YAMFLY

Plate 99

Subspecies and distribution:

(i) *luzonica* Swinhoe, 1917 – Luzon.

Recorded hostplants: DIOSCOREACEAE: *Dioscorea hispida*, *D. pentaphylla* (Fiveleaf

Yam). SMILACACEAE: *Smilax bracteata*, *S. corbularia*, *S. perfoliata*, *S. polyantha*.

Very rare.

636) *Eooxylides tharis* (Geyer, 1837)

BRANDED IMPERIAL

Plate 99

Subspecies and distribution:

(i) *tharisodes* Fruhstorfer, 1904 – Balabac, Palawan.

Recorded hostplants: SMILACACEAE: *Smilax bracteata*, *S. leucophylla*, *S. setosa*.

Uncommon/local.

637) *Eooxylides meduana* (Hewitson, 1869)

Not illustrated

Distribution: Bohol, Camiguin de Luzon, Cebu, Dinagat, Leyte, Mindanao, Panaon, Samar.

Endemic; uncommon/local.

638) *Eooxylides etias* (Distant & Pryer, 1887)

Plate 99

Subspecies and distribution:

(i) *shahaniae* Treadaway & Nuyda, 1994 – Basilan.

Very rare.

639) *Drina discophora* (C. & R. Felder, 1862)

Not illustrated

Distribution: Alabat, Batanes, Fuga, Luzon, Marinduque, Mindoro.

Endemic; uncommon/local.

640) *Drina mavortia* (Hewitson, 1869)

Not illustrated

Distribution: Bohol, Cebu, Leyte, Mindanao, Samar.

Endemic; uncommon/local.

641) *Drina maneia* (Hewitson, 1863)

Not illustrated

Subspecies and distribution:

(i) *borromeorum* Schröder & Treadaway, 1991 (Treadaway (1995) treats as a full

species) – Tawi-Tawi.

Endemic; rare.

642) *Horaga lefebvrei* (C. & R. Felder, 1862)

Plate 99 and 100

Subspecies and distribution:

(i) *lefebvrei* (C. & R. Felder, 1862) – Luzon.

(ii) *osma* Fruhstorfer, 1912 – Bohol, Leyte, Mindanao, Negros, Panaon, Samar.

(iii) *osmana* Cowan, 1966 – Mindoro.

Endemic; uncommon/local.

643) *Horaga chalcedonyx* Fruhstorfer, 1914

Plate 100

Subspecies and distribution:

(i) unnamed ssp. – Luzon, Marinduque, Negros.

Rare.

644) *Horaga natsumiae* Hayashi, 1984

SPARK

Not illustrated

Distribution: Camiguin de Luzon, Leyte, Marinduque, Mindoro, Mindanao, Negros.

Endemic; rare.

645) *Horaga bilineata* Semper, 1890 (D'Abbrera (1986) treats as a subspecies of *H. albimacula*)

Not illustrated

Distribution: Camiguin de Luzon, Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, Panaon, [Palawan (D'Abbrera, 1986)].

Endemic; uncommon/local.

646) *Horaga albimacula* (Wood-Mason & de Nicéville, 1881)

Plate 100

Subspecies and distribution:

(i) *anytus* Staudinger, 1889 – Palawan.

Recorded hostplants: ANACARDIACEAE: *Mangifera indica* (Mango). CORIARIACEAE:

(unspecified). PHYLLANTHACEAE: *Glochidion philippicum*. HYDRANGEACEAE:

Deutzia pulchra.

Uncommon/local.

647) *Horaga syrinx* (C. Felder, 1860)

YELLOW ONYX/AMBON ONYX

Plate 100

Subspecies and distribution:

(i) *camiguina* Semper, 1890 – Bohol, Camiguin de Mindanao, Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, Panaon, Sibuyan, Siquijor, [Camiguin de Luzon, Masbate, Panay (Treadaway, 1995)].

(ii) *decolor* Staudinger, 1889 – Palawan.

(iii) *joloana* Fruhstorfer, 1912 – Jolo, [Sibutu(Treadaway, 1995)], Tawi-Tawi.

(iv) *paulla* Fruhstorfer, 1912 – Basilan.

Uncommon/local.

648) *Horaga amethysa* H. H. Druce, [1903]

PURPLE ONYX

Not illustrated

Subspecies and distribution:

(i) *sibutuensis* Schröder & Treadaway, 1990 – Sibutu.

Very rare.

648.1) *Horaga* sp.

Not illustrated

Distribution: Luzon, Mindanao.

649) *Cheritra aenea* Semper, 1890

Not illustrated

Distribution: Mindoro.

Endemic; very rare.

650) *Cheritra orpheus* (C. & R. Felder, [1865])

GOLDEN-TAILED HAIRSTREAK

Plate 100 and 101

Subspecies and distribution:

(i) *orpheus* (C. & R. Felder, [1865]) – Luzon, Marinduque, Mindoro, Negros, Ticao.

(ii) *eurydice* Fruhstorfer, 1912 – [Calamian (Treadaway, 1995)], Palawan.

(iii) *orphnine* Cowan, 1967 – Leyte, Mindanao, Samar.

Recorded hostplants (of related species): FABACEAE: *Xylocarpa xylocarpa*. LAURACEAE: *Cinnamomum* sp. (Cinnamon).

Endemic; common.

651) *Ritra aurea* (H. Druce, 1873)

ORANGE IMPERIAL

Plate 101

Subspecies and distribution:

(i) *aurea* (H. Druce, 1873) – [Balabac (Treadaway, 1995)], Palawan.

Very rare.

652) *Drupadia hayashii* Schröder & Treadaway, 1989 (Takanami (2016) treats as a subspecies of *D. niasica*)

Not illustrated

Distribution: Sibutu.

Endemic; very rare.

653) *Drupadia ravindra* (Horsfield, [1828])

COMMON POSY

Plate 101

Subspecies and distribution:

(i) *balabacola* Schröder & Treadaway, 1989 – Balabac.

(ii) *joloana* Staudinger, 1889 – Jolo, Sanga Sanga, Sibutu, Tawi-Tawi.

(iii) *okurai* M. & T. Okano, 1991 – Mindanao.

(iv) *ravindrina* Staudinger, 1889 – Palawan, [Balabac (D'Abbrera, 1986)].

(v) *resoluta* Cowan, 1974 – Luzon, ?Mindanao, Mindoro, Polillo.

Recorded hostplants: ANNONACEAE: *Desmos chinensis* (Dwarf Ylang Ylang).

CONNARACEAE: *Agelaea macrophylla*. DIPTEROCARPACEAE: *Shorea maxima*.

FABACEAE: *Derris scandens*, *Falcataria moluccana* (Moluccan Sau/Falcata Tree),

Saraca declinata (Red Saraca), *S. thaipingensis* (Yellow Saraca). FAGACEAE:

Lithocarpus elegans (Spike Oak). LECYTHIDACEAE: (unspecified). MYRTACEAE:

(unspecified). RUBIACEAE: (unspecified). SAPINDACEAE: *Dimocarpus longan* (Wild

Longan), *Schleichera oleosa*.

Common. A forest species.

654) *Drupadia rufotaenia* (Fruhstorfer, [1912])

LESSER POSY

Plate 101

Subspecies and distribution:

- (i) *praecox* Cowan, 1974 – Mindoro.
- (ii) *torquata* Cowan, 1974 – Balabac, Palawan.

Uncommon/local.

655) *Drupadia theda* (C. & R. Felder, 1862)

DARK POSY

Plate 101, 147 and 148

Subspecies and distribution:

- (i) *theda* (C. & R. Felder, 1862) – Luzon, Marinduque, Masbate, Panay [Cebu, Mindanao, Mindoro (D'Abbrera, 1986)].
- (ii) *miyo* Takanami, 1987 – Mindoro.
- (iii) *osadai* Takanami, 1987 – Bohol.
- (iv) *pekas* Takanami, 1982 – Leyte, north-eastern Mindanao, [Panaon (Treadaway, 1995)], Samar.
- (v) *tawiensis* Schröder & Treadaway, 1989 – Sanga Sanga, Tawi-Tawi.
- (vi) *unicolor* Staudinger, 1889 – Palawan.

Recorded hostplants: ANNONACEAE: unspecified. FABACEAE: unspecified. MELIACEAE: unspecified. RUBIACEAE: *Pavetta humilis* (Santan). SAPINDACEAE: unspecified.

Uncommon/local.

656) *Drupadia niasica* (Röber, 1886)

INTERMEDIATE POSY

Not illustrated

Subspecies and distribution:

- (i) *florens* Cowan, 1974 – Leyte, Mindanao, [Palawan (Treadaway, 1995)].
- (ii) *natinus* Takanami, 1987 – Mindoro.
- (iii) *thaenia* H. H. Druce, 1895 – [Jolo (Treadaway, 1995)], Luzon, Marinduque, Polillo, Sibuyan.

Recorded hostplant: SAPINDACEAE (unspecified).

Rare.

657) *Pratapa ismaeli* Schröder & Treadaway, 1983

Not illustrated

Distribution: northern & southern Mindanao (Mt. Apo, Mt. Kitanglad).

Endemic; rare.

658) *Pratapa tyotaroi* Hayashi, 1981

Plate 102

Subspecies and distribution:

- (i) *tyotaroi* Hayashi, 1981 – Luzon, Marinduque.
- (ii) *ismaeli* Hayashi, Schröder & Treadaway, 1983 – Mindanao.
- (iii) *mindorensis* Tsukada & Nishiyama, 1995 – Mindoro.
- (iv) *cadohaana* Seki, 1997 – Leyte.

Endemic; rare.

659) *Pratapa icetoides* (Elwes, [1893])

SMOKY BLUE ROYAL

Not illustrated

Subspecies and distribution:

- (i) *marikit* Schröder & Treadaway, 1986 – [Dumaran (Treadaway, 1995)], Palawan.

Rare.

660) *Pratapa deva* (Moore, [1858])

WHITE ROYAL

Plate 102

Subspecies and distribution:

- (i) *devana* H. H. Druce, 1895 (listed in Treadaway (1995) but not in Takanami (2016)) – Luzon, Mindanao.
- (ii) *christina* Schröder & Treadaway, 1998 – Palawan.

Recorded hostplants: LORANTHACEAE: *Dendrophthoe falcata*, *Helixanthera parasitica*, *Scurrula ferruginea*, *S. parasitica*.

Very rare.

661) *Tajuria igolotiana* Murayama & Okamura, 1973

Plate 102

Subspecies and distribution:

- (i) *igolotiana* Murayama & Okamura, 1973 – Luzon.
- (ii) *nonoyi* Schröder, Treadaway & Nuyda, 1999 – Mindoro.
- (iii) *fumiae* Hayashi, 1984 – Mindanao.

Endemic; uncommon/local.

662) *Tajuria deudorix* (Hewitson, 1869)

FLASH ROYAL

Plate 102

Subspecies and distribution:

- (i) *deudorix* (Hewitson, 1869) – Leyte, Mindanao, Samar.
- (ii) *primitivoi* Osada, 1987 – Bohol.
- (iii) *yuhkichii* Hayashi, 1984 – Palawan.
- (iv) *zoletai* Osada, 1987 – [Camiguin de Luzon (Treadaway, 1995)], Luzon, Marinduque, Mindoro.

Recorded hostplants: LORANTHACEAE: *Dendrophthoe* sp., *Scurrula parasitica*.

Endemic; uncommon/local.

663) *Tajuria alangani* Schröder, Treadaway & Nuyda, 1993

Not illustrated

Distribution: Mindoro.

Endemic; rare.

664) *Tajuria mantra* (C. & R. Felder, 1860)

FELDER'S ROYAL/LARGE BRANDED ROYAL

Plate 102

Subspecies and distribution:

- (i) *mantra* (C. & R. Felder, 1860) – Palawan.
- (ii) *kimia* Treadaway & Nuyda, 1995 – Sanga Sanga.
- (iii) *lucrosa* Fruhstorfer, 1912 – Bohol, Leyte, [north-eastern Mindanao, Negros, Panaon (Treadaway, 1995)], Samar.
- (iv) *vergara* Semper, 1890 – Mindanao excluding north-eastern.
- (v) *kitamurae* Schröder, Treadaway & Nuyda, 1999 – Luzon.

Recorded hostplants: LORANTHACEAE: *Dendrophthoe* sp., *Macrosolen cochinchinensis*.

Uncommon/local.

665) *Tajuria isaeus* (Hewitson, [1865])

Not illustrated

Subspecies and distribution:

- (i) *isaeus* (Hewitson, [1865]) – Palawan.

Rare.

666) *Tajuria berenis* H. H. Druce, 1896 (listed in Treadaway (1995) but not in Takanami (2016))

Not illustrated

Subspecies and distribution:

(i) *berenis* H. H. Druce, 1896 – Mindanao.

Very rare.

667) *Tajuria dominus* H. H. Druce, 1895

INFLUENT ROYAL/BLACK-BRANDED ROYAL

Plate 102

Subspecies and distribution:

(i) *dominus* H. H. Druce, 1895 – Dumarán, Palawan.

(ii) *mizunumai* Hayashi, 1979 (Treadaway (1995) treated as a separate species) – Mindanao.

Recorded hostplant: LORANTHACEAE: *Dendrophthoe* sp..

Very rare.

668) *Tajuria matsutaroi* Hayashi, 1984

Not illustrated

Distribution: Leyte, [southern Mindanao (Mt. Apo) (Treadaway, 1995)].

Endemic; very rare.

669) *Tajuria mizunumai* Hayashi, 1978 (Takanami (2016) treats as a subspecies of *T. dominus*)

Not illustrated

Distribution: southern Mindanao (Mt. Apo).

Endemic; rare.

670) *Tajuria jalajala* (C. Felder, 1862)

Not illustrated

Subspecies and distribution:

(i) *jalajala* (C. Felder, 1862) – Bohol, Camiguin de Mindanao, Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, ?Palawan, Panay, [Masbate, Panaon, Polillo, Samar (Treadaway, 1995)].

(ii) *steffi* Schröder & Treadaway, 1988 – Homonhon.

Endemic; uncommon/local.

671) *Matsutaroa iljai* Hayashi, Schröder & Treadaway, 1984

Plate 103

Distribution: Masbate, northern Negros, western Panay.

Endemic; uncommon/local.

672) *Dacalana sannio* H. H. Druce, 1895

Not illustrated

Subspecies and distribution:

(i) *sannio* H. H. Druce, 1895 – Mindanao, Sulu Archipelago.

Uncommon/local.

672.1) *Dacalana lucillae* Hayashi, Schröder & Treadaway, 1983 (D'Abrera (1986) treats as either a separate species or a subspecies of *D. natsumiae*; Treadaway treats as a subspecies of *D. sannio*)

Not illustrated

Distribution: Luzon.

Uncommon/local.

673) *Dacalana aristarchus* Fruhstorfer, 1912 (D'Abrera (1986) treats as a subspecies of *D. anysiades*)

Not illustrated

Distribution: Basilan, Leyte, Mindanao.

Endemic; uncommon/local.

674) *Dacalana kurosawai* Hayashi, 1976

Not illustrated

Distribution: Calamian, Palawan.

Endemic; rare.

674.1) *Dacalana halconensis* Schröder, Treadaway & Nuyda, 1999

Not illustrated

Distribution: Mindoro.

675) *Dacalana monaspona* Schröder & Treadaway, 1978

Not illustrated

Subspecies and distribution:

(i) *monaspona* Schröder & Treadaway, 1978 – Leyte, Mindanao [Mt. Apo (D'Abrera, 1986)].

(ii) *marinduquensis* Hayashi, Schröder & Treadaway, 1983 – Luzon, Marinduque,

Mindoro.

(iii) *boholensis* M. & T. Okano, 1995 – Bohol.

Endemic; uncommon/local.

676) *Dacalana akayamai* Hayashi, Schröder & Treadaway, 1983

Not illustrated

Distribution: Mindanao.

Endemic; rare.

677) *Dacalana liaoi* Hayashi, Schröder & Treadaway, 1983

Not illustrated

Distribution: Negros, Panay.

Endemic; uncommon/local.

678) *Dacalana irmae* Hayashi, Schröder & Treadaway, 1983

Not illustrated

Distribution: Sibuyan.

Endemic; uncommon/local.

679) *Dacalana mio* Hayashi, Schröder & Treadaway, 1983

Not illustrated

Distribution: Mindanao.

Endemic; uncommon/local.

680) *Dacalana polyorketes* Fruhstorfer, 1912 (D'Abbrera (1986) treats as a subspecies of *D. anysiades* Röber, 1887)

Not illustrated

Subspecies and distribution:

(i) *polyorketes* Fruhstorfer, 1912 – Leyte, [Mindanao, Panaon, Samar (Treadaway, 1995)].

(ii) *kawamurai* Takanami, 1988 – Sanga Sanga.

(iii) *laduanae* Schröder & Treadaway, 1989 – Homonhon.

Endemic; uncommon/local.

681) *Dacalana treadawayi* Hayashi, 1984

Not illustrated

Distribution: Mindanao.

Endemic; rare.

682) *Neocheritra manata* Semper, 1890

Not illustrated

Subspecies and distribution:

- (i) *manata* Semper, 1890 – Mindanao (Surigao & South Cotabato).
- (ii) *gertrudes* Schröder & Treadaway, 1978 (D’Abrera (1986) treats as a separate species) (= *toshikoeae* Hayashi, 1978, which D’Abrera (1986) treats as a subspecies of *N. amrita*) – southern Mindanao (Mt. Apo).

Endemic; rare.

683) *Manto hypoleuca* (Hewitson, [1865])

GREEN IMPERIAL

Plate 103

Subspecies and distribution:

- (i) *martina* (Hewitson, 1869) – Balabac, Palawan.
- (ii) *paluana* (Staudinger, 1889) – Palawan.

Recorded hostplant: LORANTHACEAE: *Macrosolen cochinchinensis*.

Uncommon/local.

684) *Paruparo mamertina* (Hewitson, 1869)

Not illustrated

Subspecies and distribution:

- (i) *mamertina* (Hewitson, 1869) – eastern, southern & central Mindanao.
- (ii) *jeanhooperae* Schröder & Treadaway, 1988 – Homonhon, [northern Samar (Treadaway, 1995)].
- rahmani* (Jumalon, 1975) – southern Leyte [Takanami (2016) gives spelling as *rahmanni*].

Endemic; uncommon/local.

685) *Paruparo cebuensis* (Jumalon, 1975)

Not illustrated

Subspecies and distribution:

- (i) *cebuensis* (Jumalon, 1975) – Cebu.
- (ii) *amethystina* Schröder & Treadaway, 1988 – Homonhon.
- (iii) *chotaroi* (Hayashi, 1977) – north-eastern Mindanao.
- (iv) *medicieloi* M. & T. Okano, 1991 – Leyte.

(v) *soloni* M. & T. Okano, 1990 – Bohol.

(vi) *treadawayi* (Jumalon, 1975) – Negros.

Endemic; uncommon/local.

686) *Paruparo annie* Takanami, 1982 (D'Abbrera (1986) treats as a subspecies of *P. cebuensis*)

Not illustrated

Distribution: south-eastern Luzon.

Endemic; rare.

687) *Paruparo rosemarie* Seki, 1993

Not illustrated

Distribution: Leyte.

Endemic; very rare.

688) *Paruparo violacea* (Schröder & Treadaway, 1978)

Not illustrated

Distribution: north-eastern Mindanao.

Endemic; very rare.

689) *Paruparo lumawigi* (Schröder, 1976)

Not illustrated

Subspecies and distribution:

(i) *lumawigi* (Schröder, 1976) – Camiguin de Luzon, Luzon, Marinduque.

(ii) *jumaloni* Treadaway & Nuyda, 1993 – Sibuyan.

(iii) *mindorana* Schröder & Treadaway, 1993 – Mindoro.

(iv) *panayensis* Hayashi, Schröder & Treadaway, 1984 – [Mindanao (Treadaway, 1995)], western Panay.

Endemic; uncommon/local.

690) *Paruparo mio* Hayashi, Schröder & Treadaway, 1984

Not illustrated

Distribution: Mindanao (Surigao).

Endemic; very rare.

691) *Rachana mioae* Hayashi, 1978 (Treadaway (1995) placed the species here included in *Rachana* in *Eliotia*)

Not illustrated

Distribution: eastern Mindanao (Mt. Apo).

Endemic; uncommon/local.

692) *Rachana australis* Schröder & Treadaway, 1990 (listed in Treadaway (1995) but not in Takanami (2016))

Not illustrated

Distribution: south-western Mindanao.

Endemic; very rare.

693) *Rachana circumdata* Schröder, Treadaway & Hayashi, 1981

Not illustrated

Subspecies and distribution:

(i) *circumdata* Schröder, Treadaway & Hayashi, 1981 – Luzon, Marinduque, Mindoro.

(ii) *panayensis* Schröder, Treadaway & Hayashi, 1981 – Negros, Panay.

Endemic; uncommon/local.

694) *Rachana jalindra* (Horsfield, [1829])

BANDED ROYAL

Plate 103

Subspecies and distribution:

(i) *balabacensis* Schröder & Treadaway, 1986 – Balabac.

(ii) *maganda* Takanami, 1982 – Mindanao.

(iii) *mindorensis* Schröder & Treadaway, 1985 – Mindoro.

(iv) *palawandra* Staudinger, 1889 – Dumarán, Palawan.

(v) *shiraishii* Takanami, 1984 – north-western Luzon.

(vi) *obsoleta* Schröder & Treadaway, 1993 – [Sanga Sanga (Treadaway, 1995)], Tawi-Tawi.

Recorded hostplants: LORANTHACEAE: *Helicanthes elasticus*, *Scurrula parasitica*.

Uncommon/local.

695) *Rachana plateni* (Semper, 1890) (D'Abbrera (1986) treats as a subspecies of *R. jalindra*)

Not illustrated

Subspecies and distribution:

(i) *plateni* (Semper, 1890) – Basilan, Leyte, Mindanao, [Samar (Treadaway, 1995)].

(ii) *parvula* Schröder & Treadaway, 1989 – Sanga Sanga.

Endemic; very rare.

696) *Rachana mariaba* (Hewitson, 1869)

Not illustrated

Distribution: Leyte, Mindanao, Samar.

Endemic; rare.

697) *Suasa lisides* (Hewitson, [1863])

RED IMPERIAL

Plate 103

Subspecies and distribution:

(i) *liris* Staudinger, 1889 – Palawan.

Uncommon/local.

698) *Remelana davisi* Jumalon, 1975

Plate 103

Subspecies and distribution:

(i) *davisi* Jumalon, 1975 – Mindanao.

(ii) *fulminans* Schröder & Treadaway, 1978 – Luzon, Marinduque.

(iii) *negrosensis* M. & T. Okano, 1990 – Negros.

(iv) *noeli* Treadaway & Nuyda, 1993 – Mindoro.

Endemic; uncommon/local.

699) *Remelana jangala* (Horsfield, [1829])

CHOCOLATE ROYAL

Plate 103

Subspecies and distribution:

(i) *esra* Fruhstorfer, 1907 – Calamian, Dumarán, Palawan.

(ii) *westermanni* (C. & R. Felder, [1865]) – Bohol, Cebu, Camiguin de Luzon, Camotes, Dinagat, Homonhon, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Negros, Panaon, Panay, Romblon, Sibuyan, Tawi-Tawi, [Balabac, Basilan, Bongao, Samar, Sanga Sanga, Sibutu (Treadaway, 1995)].

Recorded hostplants: CLUSIACEAE: unspecified. COMBRETACEAE: *Terminalia* sp.. ERICACEAE: *Rhododendron* sp.. FABACEAE: unspecified. HYPERICACEAE: *Cratoxylum cochinchinense* (Yellow Cow Wood). MALVACEAE: *Ceiba pentandra* (Silk-cotton Tree/Kapok), *Durio zibethinus* (Durian). PENTAPHYLACACEAE: *Eurya acuminata*. PRIMULACEAE: unspecified. RUBIACEAE: *Coffea arabica* (Coffee Shrub of Arabia). SAPINDACEAE: *Dimocarpus longan* (Wild Longan).

Common.

700) *Britomartis igarashii* Hayashi, 1976 (listed in D'Abbrera (1986) only)

Not illustrated

Distribution: ?Palawan.

701) *Ancema blanka* (de Nicéville, 1894)

SILVER ROYAL

Plate 103

Subspecies and distribution:

(i) *reina* Schröder & Treadaway, 1998 – Palawan.

Recorded hostplants: LORANTHACEAE: (unspecified).

Very rare.

702) *Pseudotajuria donatana* (de Nicéville, [1889])

DAWNAS ROYAL

Plate 104

Subspecies and distribution:

(i) *bilara* M. & T. Okano, 1990 – Bohol.

(ii) *mansaka* Osada, 1987 – south-eastern Mindanao.

Very rare.

703) *Hypolycaena thecloides* (C. & R. Felder, 1860)

BROWN TIT/DARK TIT

Plate 104

Subspecies and distribution:

(i) *camotana* Fruhstorfer, 1912 – Camotes.

(ii) *philippina* Staudinger, 1889 – Calamian, Cebu, Camiguin de Mindanao, Luzon, Mindoro, Mindanao, Palawan, Sibuyan.

(ii) *vardara* Fruhstorfer, 1912 – Siargao.

Recorded hostplant: FLAGELLARIACEAE: *Flagellaria indica* (Whip Vine).

Uncommon/local.

704) *Hypolycaena erylus* (Godart, [1824])

COMMON TIT

Plate 104 and 148

Subspecies and distribution:

(i) *aimnestus* Fruhstorfer, 1912 – [Dumaran (Treadaway, 1995)], Palawan.

(ii) *georgius* Fruhstorfer, 1912 – Jolo, Sanga Sanga, Sibutu, Tawi-Tawi, [Bongao, Siasi (Treadaway, 1995)].

(iii) *orsiphantus* Fruhstorfer, 1912 – Basilan, [Samar (Treadaway, 1995)].

(iv) *tmolus* C. & R. Felder, 1862 – Babuyan, Camiguin de Luzon, Camiguin de Mindanao, Cuyo, Dinagat, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Panaon, Panay, Romblon, [Negros, Sibuyan (Treadaway, 1995)].

Recorded hostplants: COMBRETACEAE: *Lumnitzera racemosa*. CONNARACEAE: (unspecified). FABACEAE: *Acacia mangium*, *Falcataria moluccana* (Moluccan Sau), *Saraca thaipingensis* (Yellow Saraca), *Senna alata* (Seven Golden Candlesticks). GENTIANACEAE: *Fagraearacemosa* (False Coffee). LAMIACEAE: *Clerodendrum chinense*, *Volkameria inermis* (Wild Jasmine/Sorcerer's Bush). LAURACEAE: *Cinnamomum verum*, *C. zeylanicum*. LORANTHACEAE: *Dendrophthoe falcata*, *Helixanthera coccinea*. MALVACEAE: *Ceiba pentandra* (Silk-cotton Tree/Kapok), *Talipariti tiliaceum* (Sea Hibiscus). MELIACEAE: *Sandoricum koetjape* (Santol). PROTEACEAE: *Macadamia integrifolia* (Macadamia Nut/Nut Oak). RHAMNACEAE: *Ziziphus jujuba* (Jujube/Mansanitas). RHIZOPHORACEAE: *Bruguiera cylindrica*, *Rhizophora apiculata*, *R. mucronata*. RUBIACEAE: *Ixora javanica*, *Scyphiphora hydrophylacea*, *Meyna spinosa*. SAPINDACEAE: *Dimocarpus longan*, *Guioa pleuropteris*, *Nephelium lappaceum* (Rambutan).

Common. Far more habitat-tolerant than most of the “Hairstreaks”; it is found in most rural habitats and regularly at low level.

705) *Hypolycaena sipylus* (C. Felder, 1860)

Plate 104, 105 and 148

Subspecies and distribution:

(i) *tharrytas* C. & R. Felder, 1862 – Alabat, Balabac, Basilan, Bohol, Cebu, Camiguin de Mindanao, [Jolo (Treadaway, 1995)], Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Palawan, Panay, Samar.

Recorded hostplant: MYRTACEAE: (unspecified).

Common. Occurs in Metro Manila. Behaviour is similar to *H. erylus* but it is not as widely distributed as that species.

706) *Hypolycaena ithna* Hewitson, 1869

Plate 105

Distribution: Camiguin de Luzon, Cebu, Dumaran, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Palawan, Panay, Sanga Sanga, Sibuyan, [Siasi (Treadaway, 1995)], Tawi-Tawi.

Recorded hostplant: ORCHIDACEAE: (unspecified).

Endemic; uncommon/local.

707) *Hypolycaena othona* Hewitson, [1865]

ORCHID TIT

Plate 105

Subspecies and distribution:

(i) *waltraudae* Treadaway & Nuyda, 1994 – Palawan.

Very rare.

708) *Hypolycaena irawana* Hayashi, Schröder & Treadaway, 1984

Not illustrated

Distribution: Palawan.

Endemic; very rare.

709) *Hypolycaena schroederi* Hayashi, 1984

Not illustrated

Distribution: Mindanao, Samar.

Endemic; very rare.

710) *Hypolycaena shirozui* Hayashi, 1981

Not illustrated

Subspecies and distribution:

(i) *shirozui* Hayashi, 1981 – Leyte, Mindanao, Samar.

(ii) *madilimi* Treadaway & Nuyda, 1995 – Negros.

Endemic; rare.

711) *Hypolycaena toshikoeae* Hayashi, 1984

Not illustrated

Distribution: Luzon, Mindoro.

Endemic; rare.

712) *Zeltus amasa* (Hewitson, [1865])

FLUFFY TIT

Plate 105

Subspecies and distribution:

(i) *masaya* Takanami, 1984 – Mindanao.

(ii) *miyatakei* Hayashi, 1977 – Palawan.

Recorded hostplants: LAMIACEAE: *Clerodendrum laevifolium*. MALVACEAE: *Pterospermum acerifolium*.

Uncommon/local.

713) *Deudorix epijarbas* (Moore, [1858])

CORNELIAN

Plate 105 and 155

Subspecies and distribution:

(i) *epijarbas* (Moore, [1858]) – Camiguin de Mindanao, Camotes, Catanduanes, Cebu, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Negros, Palawan, Panay, Samar, [Sibutu (Treadaway, 1995)], Tawi-Tawi.

Recorded hostplants: CONNARACEAE: *Connarus wightii*. ELAEOCARPACEAE: *Elaeocarpus tectorius*. PUTRANJIVACEAE: *Drypetes longifolia*. FABACEAE: *Bauhinia championii*, *Cynometra iripa*. LYTHRACEAE: *Punica granatum* (Pomegranate). OLACACEAE: *Scorodocarpus borneensis*. PINACEAE: ?*Pinus kesiya*. POACEAE: ?*Panicum* sp.. PROTEACEAE: *Macadamia* sp.. SAPINDACEAE: *Aesculus indica* (Indian Horse-chestnut), *A. assamica*, *Dimocarpus longan* (Wild Longan), *Harpullia pendula* (Tulipwood), *Lepisanthes rubiginosa*, *Litchi chinensis* (Lychee/Litsiyas), *Nephelium lappaceum* (Rambutan), *N. mutabile* (Pulasan), *Sapindus mukorossi* (Chinese Soapberry), *S. trifoliatus*.

Uncommon/local.

714) *Deudorix philippinensis* Schröder, Treadaway & Hayashi, 1981 (D'Abbrera (1986) treats as a subspecies of *D. hypargyrea* Elwes, 1893)

Not illustrated

Distribution: Camiguin de Luzon, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Negros, Sibuyan.

Endemic; uncommon/local.

714.1) *Deudorix hypargyria* (Elwes, 1893)

Not illustrated

Distribution: Palawan.

715) *Deudorix apayao* Schröder & Treadaway, 1983

Not illustrated

Distribution: northern & central Palawan.

Endemic; very rare.

716) *Virachola smilis* (Hewitson, [1863])

Not illustrated

Subspecies and distribution:

(i) *vocetius* Fruhstorfer, 1912 – Babuyan, Leyte, Luzon, Marinduque, Mindoro, Mindanao, Palawan.

Uncommon/local.

717) *Virachola kessuma* (Horsfield, [1829])

PITCHER BLUE

Not illustrated

Subspecies and distribution:

(i) *deliochus* (Hewitson, 1874) – Mindanao, Palawan.

Recorded hostplants: NEPENTHACEAE: *Nepenthes gracilis* (Slender Pitcher Plant), *N. rafflesiana* (Raffles's Pitcher Plant).

Very rare.

718) *Virachola masamichii* Okubo, 1983

Not illustrated

Distribution: south-eastern Mindanao.

Endemic; very rare.

719) *Sinthusa mindanensis* Hayashi, Schröder & Treadaway, 1978 (= *stephaniae* Hayashi, Schröder & Treadaway, 1978 and *yoshiae* Hayashi, 1981; Treadaway (1995) treats these as separate subspecies)

Plate 105

Distribution: Leyte, Luzon, northern Mindanao (Bukidnon), southern Mindanao (Mt. Apo), Negros, Samar.

Endemic; uncommon/local.

720) *Sinthusa natsumiae* Hayashi, 1979 (= *ondai* Takanami, 1982; Treadaway (1995) treats as a separate subspecies)

Plate 106

Distribution: Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, Panaon, Panay, Samar.

Endemic; uncommon/local.

721) *Sinthusa privata* Fruhstorfer, 1912

Not illustrated

Subspecies and distribution:

(i) *kawazoei* Hayashi, 1976 – Palawan.

Uncommon/local.

722) *Sinthusa nasaka* (Horsfield, [1829])

NARROW SPARK

Plate 106

Subspecies and distribution:

(i) *ogatai* Hayashi, 1976 – Palawan.

Recorded hostplant: PENTAPHYLACACEAE: *Eurya acuminata*.

Rare.

723) *Sinthusa peregrinus* Staudinger, 1889

Not illustrated

Distribution: Basilan, Mindanao, Palawan.

Endemic; uncommon/local.

724) *Araotes lapithis* (Moore, [1858])

WITCH

Plate 106

Subspecies and distribution:

(i) *decolor* Fruhstrofer, 1899 – Palawan.

Recorded hostplant: ANNONACEAE: *Uvaria grandiflora* [PH]

Uncommon/local.

725) *Araotes perrhaebis* Semper, 1890

Not illustrated

Distribution: Basilan, Luzon, Mindanao.

Endemic; rare.

726) *Bindahara phocides* (Fabricius, 1793)

PLANE

Plate 106 and 155

Subspecies and distribution:

(i) *phocas* (Staudinger, 1889) (listed as *phocides* (Fabricius, 1793) in Treadaway (1995)) – Balabac, Calamian, Palawan, Sanga Sanga, Sibutu, Tawi-Tawi.

(ii) *origenes* Fruhstorfer, 1912 – Catanduanes, Cebu, Camiguin de Mindanao,

Camotes, Cebu, Cuyo, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Panay, Samar, Sibuyan.

Recorded hostplants: CELASTRACEAE: *Euonymus indicus* [PH], *Salacia chinensis*.

RHAMNACEAE: (unspecified).

Uncommon/local.

727) *Rapala diopites* (Hewitson, 1869)

Plate 106

Subspecies and distribution:

(i) *diopites* (Hewitson, 1869) – Camiguin de Luzon.

(ii) *alcetas* Staudinger, 1889 (D’Abrera (1986) treats as a separate species) – Balabac, Calamian, Palawan.

(iii) *alcetina* Semper, 1890 – Basilan, Bohol, Camiguin de Mindanao, Camotes, Cebu, Dinagat, Guimaras, Jolo, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Negros, Panaon, Panay, Samar, Sanga Sanga, [Sibuyan (Treadaway, 1995)], Sibutu, Tawi-Tawi.

(iv) unnamed ssp. – Cuyo.

Recorded hostplants (of various *Rapala* species): COMBRETACEAE: *Quisqualis* sp.

(Niyog-niyogan). ELAEAGNACEAE: *Elaeagnus triflora*. FABACEAE: *Acacia caesia*.

PHYLLANTHACEAE: *Antidesma* sp. (Bignay). RHAMNACEAE: *Ziziphus xylopyrus*.

SAXIFRAGACEAE: *Astilbe rivularis*. VERBENACEAE: *Lantana camara*.

Endemic; uncommon/local.

728) *Rapala elcia* (Hewitson, 1863)

BRILLIANT FLASH

Not illustrated

Subspecies and distribution:

(i) *elcia* (Hewitson, 1863) – [Luzon], Marinduque, Polillo.

Rare.

729) *Rapala hades* (de Nicéville, [1895])

MYANMAR FLASH

Not illustrated

Distribution: Mindanao, southern Negros, Panay.

Very rare.

730) *Rapala masara* Osada, 1987

Not illustrated

Distribution: south-eastern Mindanao.

Endemic; very rare.

731) *Rapala tomokoae* Hayashi, Schröder & Treadaway, 1978

Plate 106 and 107

Subspecies and distribution:

(i) *tomokoae* Hayashi, Schröder & Treadaway, 1978 – Dinagat, Leyte, Mindanao, Samar, Tawi-Tawi.

(ii) *bilara* M. & T. Okano, 1990 – Bohol.

(iii) *takanamii* Hayashi, 1984 – Negros, Panay, Siquijor.

Endemic; uncommon/local.

732) *Rapala zamona* Fruhstorfer, 1912

Plate 107

Subspecies and distribution:

(i) *zamona* Fruhstorfer, 1912 – Babuyan, Luzon.

(ii) *mohagani* Schröder & Treadaway, 2000 – Mindoro.

Endemic; uncommon/local.

733) *Rapala manea* (Hewitson, [1863])

SLATE FLASH

Plate 107 and 148

Subspecies and distribution:

(i) *ingana* Fruhstorfer, 1912 (D'Abrera (1986) treats as a subspecies of *R. alcetas*; listed in Treadaway (1995) but not in Takanami (2016)) – Palawan [Philippines excluding Basilan (D'Abrera, 1986)].

(ii) *philippensis* Fruhstorfer, 1912 – Bohol, Dinagat, Dumarán, Luzon, Marinduque, Mindoro, Mindanao, Negros, Palawan, Panay, Sibutu, Tawi-Tawi.

Recorded hostplants: ADOXACEAE: *Viburnum odoratissimum*. ANACARDIACEAE: *Mangifera indica* (Mango). COMBRETACEAE: *Combretum indicum* (Rangoon Creeper). FABACEAE: *Acacia pennata*, *Bauhinia blakeana*, *B. purpurea*, *Millettia nitida*. FAGACEAE: *Lithocarpus quercifolius*. MALVACEAE: *Durio zibethinus* (Durian). PHYLLANTHACEAE: *Antidesma ghaesembilla*. RHAMNACEAE: (unspecified). ROSACEAE: *Photinia benthamiana*. SAPINDACEAE: *Dimocarpus longan* (Wild Longan), *Nephelium lappaceum* (Rambutan). THEACEAE: *Gordonia axillaris*.

VERBENACEAE: *Lantana camara*.

Common.

734) *Rapala varuna* (Horsfield, [1829])

INDIGO FLASH

Plate 107

Subspecies and distribution:

(i) *nada* Fruhstorfer, 1912 – Balabac, Dumarán, Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, Palawan, Sanga Sanga, Sibutu, Sibuyan, Tawi-Tawi.

Recorded hostplants: COMBRETACEAE: *Combretum indicum* (Rangoon Creeper). MYRTACEAE: *Psidium guajava* (Guava/Bayabas). RHAMNACEAE: *Alphitonia excelsa*, *Ziziphus rugosa*, *Z. xylopyrus*. SAPINDACEAE: *Litchi chinensis* (Lychee/Litsiyas), *Nephelium lappaceum* (Rambutan). CANNABACEAE: *Celtis tetrandra*. VERBENACEAE: *Lantana camara*.

Uncommon/local.

735) *Rapala melida* Fruhstorfer, 1912 (Treadaway treats as a subspecies of *R. rhoecus* de Nicéville, [1895], which D'Abbrera (1986) treats as a subspecies of *R. elcia*)

BRILLIANT FLASH

Plate 107

Subspecies and distribution:

(i) *palawanica* Schröder & Treadaway, 2000 (listed as *melida* Fruhstorfer, 1912 in Treadaway, 1995) – Palawan.

Recorded hostplants (of species *Rapala rhoecus*): ELAEAGNACEAE: (unspecified). MELASTOMATACEAE (unspecified).

Rare.

736) *Rapala scintilla* de Nicéville, [1890]

SCARCE SLATE FLASH

Plate 108

Subspecies and distribution:

(i) *nemana* Semper, 1890 (D'Abbrera (1986) treats as a subspecies of *R. manea*) – Babuyan, Camiguin de Mindanao, Leyte, Luzon, Marinduque, Mindanao, Palawan, Panaon, Samar, Sibuyan.

Rare.

737) *Rapala dienece* (Hewitson, 1878)

SCARLET FLASH

Plate 108

Distribution: Basilan, Mindanao, Palawan, Sanga Sanga, Sulu.

Recorded hostplants: ANNONACEAE: (unspecified). EUPHORBIACEAE: (unspecified). FABACEAE: (unspecified). MALVACEAE: *Durio zibethinus* (Durian). MELASTOMATACEAE: (unspecified). MYRTACEAE: *Syzygium grande* (Sea Apple). RHAMNACEAE: (unspecified). SAPINDACEAE: *Nephelium lappaceum* (Rambutan).

Uncommon/local.

738) *Rapala caerulescens* Staudinger, 1889 (D'Abrera (1986) treats as a subspecies of *R. dienece*)

Not illustrated

Distribution: [Basilan (Treadaway, 1995)], Cebu, Jolo, Leyte, Luzon, Marinduque, Mindoro, Mindanao, Negros, Sibuyan.

Uncommon/local.

739) *Rapala suffusa* (Moore, [1879])

SUFFUSED FLASH

Plate 108

Subspecies and distribution:

(i) *anabasis* Staudinger, 1889 (D'Abrera (1986) treats as a subspecies of *R. dienece*) – Balabac, Palawan.

Recorded hostplants: COMBRETACEAE: *Terminalia* sp.. FABACEAE: *Falcataria moluccana* (Moluccan Sau/Falcata). MALVACEAE: *Hibiscus tilliaceus* (Malobago), *Talipariti tiliaceum* (Sea Hibiscus).

Uncommon/local.

740) *Rapala phrangida* Fruhstorfer, 1912 (Takanami (2016) treats as a synonym of *R. scintilla nemana*)

Not illustrated

Distribution: Leyte, Luzon.

Endemic; uncommon/local.

741) *Rapala damona* Swinhoe, 1890

Not illustrated

Distribution: Mindoro, Palawan.

Endemic; rare.

Subfamily Riodininae

742) *Zemerus flegyas* (Cramer, [1780])

PUNCHINELLO

Plate 108

Subspecies and distribution:

(i) *hondai* Hayashi, 1976 – Palawan.

Recorded hostplants:

PRIMULACEAE: *Maesa chisia*, *M. indica*, *M. japonica*, *M. lanceolata*, *M. montana*.

Very rare.

743) *Dodona deodata* Hewitson, 1876

WHITE PUNCH

Plate 108

Subspecies and distribution:

(i) *aponata* Semper, 1889 (D'Abrera (1986) treats as a separate species) – southern Mindanao (Mt. Apo).

(ii) *malindangensis* Schröder & Treadaway, 1988 – north-western Mindanao (Mt. Malindang).

(iii) *ohtsukai* Hayashi, 1984 – Negros (Mt. Canlaon).

(iv) *sakaii* Hayashi, 1976 – Palawan.

(v) *treadawayi* Hanafusa, 1989 – northern Luzon.

Recorded hostplant: PRIMULACEAE: *Maesa* sp..

Uncommon/local.

744) *Laxita thuisto* (Hewitson, 1861) (listed in D'Abrera (1986) only)

LESSER HARLEQUIN

Plate 108

Subspecies and distribution:

(i) *eutyches* Fruhstorfer – ?Palawan.

745) *Paralaxita orphna* (Boisduval, 1836) (listed in D'Abrera (1986) only)

BLUE-LINED HARLEQUIN

Plate 109

Subspecies and distribution:

(i) *orphna* (Boisduval, 1836) – ?Palawan.

746) *Taxila haquinus* (Fabricius, 1793)

HARLEQUIN

Plate 109

Subspecies and distribution:

(i) *palawanicus* Staudinger, 1889 – Balabac, Palawan.

Recorded hostplants: PRIMULACEAE: *Ardisia elliptica* (Shoebutton *Ardisia*).

Uncommon/local.

747) *Abisara kausambi* C. & R. Felder, 1860

STRAIGHT PLUM JUDY

Plate 109

Subspecies and distribution:

(i) *aja* Fruhstorfer, 1904 – Balabac, Calamian, Palawan.

Uncommon/local.

748) *Abisara echerius* (Stoll, 1790)

PLUM JUDY

Plate 109 and 148

Subspecies and distribution:

(i) *bazilensis* Fruhstorfer, 1900 – Basilan.

(ii) *cavana* Schröder & Treadaway, 1978 – Sibutu.

(iii) *laura* Fruhstorfer, 1904 – Luzon, Mindoro.

(iv) *palawana* Schröder & Treadaway, 1889 – Palawan.

(v) *panayensis* Medicielo & Hanafusa, 1994 – Panay.

(vi) *simillima* Schröder & Treadaway, 1995 – Bongao, Sanga Sanga, Tawi-Tawi.

Recorded hostplants: PRIMULACEAE: *Ardisia* sp., *Embelia laeta* (PRIMULACEAE).

Locally common.

749) *Abisara saturata* (Moore, [1878])

MALAYAN PLUM JUDY/FOREST JUDY

Plate 109

Subspecies and distribution:

(i) *corbeti* Bennett, 1950 – Mindanao.

Recorded hostplants: PRIMULACEAE: *Ardisia elliptica* (Shoebutton *Ardisia*), *Embelia ribes*.

750) *Abisara mindanaensis* Semper, 1892

Plate 109

Subspecies and distribution:

- (i) *mindanaensis* Semper, 1892 – Mindanao.
- (ii) *boholensis* M. & T. Okano, 1993 – Bohol, Leyte.
- (iii) *canlaonensis* Medicielo & Hanafusa, 1994 – Negros.
- (iv) *cudaca* Fruhstorfer, 1914 (D'Abbrera (1986) treats as a subspecies of *A. echerius*) – Luzon.
- (v) *mudita* Fruhstorfer, 1914 – Mindoro.

Endemic; uncommon/local.

751) *Abisara geza* Fruhstorfer, [1904]

SPOTTED JUDY

Plate 110

Subspecies and distribution:

- (i) *litavicus* Fruhstorfer, 1912 – Palawan.

Recorded hostplants: PRIMULACEAE: *Embelia ribes*, *Embelia canescens*.

Very rare.

Hesperiidae

Subfamily Coeliadinae

752) *Bibasis oedipodea* (Swainson, 1820)

BRANDED ORANGE AWLET

Plate 110 and 156

Subspecies and distribution:

(i) *oedipodea* (Swainson, 1820) – Balabac, Dumarán, Palawan, Sibutu, [Tawi-Tawi (Treadaway, 1995)].

(ii) *paltra* Evans, 1949 – Cebu, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros, Panay, Samar, Sanga Sanga.

Recorded hostplants: COMBRETACEAE: *Combretum latifolium*. MALPIGHIACEAE: *Hiptage benghalensis*.

Rare.

753) *Bibasis etelka* (Hewitson, [1867])

GREAT ORANGE AWLET

Plate 110

Distribution: Mindanao, Palawan.

Recorded hostplant: COMBRETACEAE: *Combretum sundaicum*.

Very rare.

754) *Bibasis harisa* (Moore, [1866])

ORANGE AWLET

Plate 110 and 156

Subspecies and distribution:

(i) *consobrina* (Plötz, 1884) – Sanga Sanga, Sibutu.

(ii) *pala* de Jong & Treadaway, 1993 – Dumarán, Palawan.

(iii) *grandis* de Jong & Treadaway, 1993 – Dinagat, Leyte, Samar.

Recorded hostplants: ARALIACEAE: *Polyscias diversifolia*, *Heteropanax fragrans*. RUBIACEAE: *Urophyllum* sp.. ZINGIBERACEAE: *Zingiber zerumbet* (Bitter Ginger/Shampoo Ginger/Tumbong-aso).

Rare.

755) *Bibasis gomata* (Moore, [1866])

PALE AWLET/PALE GREEN AWLET

Plate 110

Subspecies and distribution:

(i) *lorquini* (Mabille, 1876) – Calamian, Camiguin de Luzon, Cebu, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros, Palawan, Panay, Polillo.

Recorded hostplants: ARALIACEAE: *Schefflera heptaphylla*, *S. lurida*, *S. microphylla*, *S. octophylla*, *S. rigida*, *S. venulosa*, *Trevesia burckii*, *T. sundaica*. MYRISTICACEAE: *Horsfieldia* sp.. PRIMULACEAE: *Embelia ribes*.

Common. The most common of the genus; it sometimes occurs in gardens breeding on ornamental *Schefflera* plants. The butterflies are crepuscular and usually fly at dawn and in the evening.

756) *Bibasis sena* (Moore, [1866])

ORANGE-TAIL AWL

Plate 111 and 156

Subspecies and distribution:

(i) *palawana* (Staudinger, 1889) – Bohol, Bongao, Boracay, Calamian, Cebu, Homonhon, Letye, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Negros, Palawan, Panay, Polillo, Samar, Sanga Sanga, Sibutu, Sibuyan, Tawi-Tawi.

Recorded hostplants: COMBRETACEAE: *Combretum latifolium*. MALPIGHIACEAE: *Hiptage benghalensis*. NYCTIGINACEAE: *Pisonia* sp..

Uncommon/local.

757) *Hasora proxissima* Elwes & Edwards, 1897

SIAMESE AWL

Plate 111

Subspecies and distribution:

(i) *proxissima* Elwes & Edwards, 1897 – Leyte, Mindoro, Mindanao, Samar.

(ii) *siva* Evans, 1932 – Balabac, Palawan.

Uncommon/local.

758) *Hasora borneensis* Elwes & Edwards, 1897

Not illustrated

Subspecies and distribution:

(i) *luza* Evans, 1949 – Dumarán, Leyte, Luzon, Masbate, Mindanao, Mindoro, Negros, Panay [Negros, Panaon, Leyte, Samar (de Jong & Treadaway, 1993)].

Uncommon/local.

759) *Hasora mavis* Evans, 1934

PERAK BANDED AWL

Plate 111

Distribution: Leyte, Luzon, Masbate, Mindoro, Negros, Panaon, Panay, Samar.

Uncommon/local.

760) *Hasora chromus* (Cramer, [1780])

COMMON BANDED AWL

Plate 111

Subspecies and distribution:

(i) *chromus* (Cramer, [1780]) – Basilan, Bongao, Leyte, Luzon, Marinduque, Mindanao, Negros, Samar, Sanga Sanga, Sibuyan, Tawi-Tawi, Ticao.

Recorded hostplants: FABACEAE: *Derris* sp., *Pongamia pinnata* (Indian Beech/Bani), *Pithecelobium* sp. EUPHORBIACEAE: *Ricinus communis* (Castor-oil plant). MELIACEAE: *Heynea* sp., *Swietenia* sp., *Murraya paniculata*, *Toddalia asiatica*. THEACEAE: *Camellia sinensis*. CONNARACEAE: *Rourea* sp..

Rare.

761) *Hasora taminatus* (Hübner, 1818)

WHITE BANDED AWL

Plate 111

Subspecies and distribution:

(i) *malayana* (C. & R. Felder, 1860) – Balabac, Palawan, Sibutu, Tawi-Tawi.

(ii) *padma* Fruhstorfer, 1911 – Basilan, Bohol, Bongao, Camiguin de Luzon, Cebu, Homonhon, Leyte, Luzon, Marinduque, Masbate, Mindoro, Mindanao, Negros, northern Palawan, Panaon, Panay, Romblon, Sibuyan, Ticao.

Recorded hostplants: COMBRETACEAE: *Terminalia bialata*. FABACEAE: *Derris scandens*, *Dalbergia* sp., *Millettia pachycarpa*, *Pongamia* sp..

Uncommon/local.

762) *Hasora schoenherr* (Latreille, [1824])

YELLOW BANDED AWL

Plate 111 and 156

Subspecies and distribution:

(i) *babuyana* Treadaway & Nuyda, 1995 – Babuyan.

(ii) *chuza* (Hewitson, [1867]) – Balabac, Dumarán, Palawan.

(iii) *saida* (Hewitson, [1867]) – Bohol, Camiguin de Mindanao, Cuyo, Leyte, Luzon,

Marinduque, Masbate, Mindanao, Mindoro, Negros, Panaon, Panay, Samar, Sibuyan.

Recorded hostplants: FABACEAE: *Fordia* sp., *Spatholobus* sp..

Locally common. *Hasora* species are mostly encountered singly and sometimes settle upside down under leaves in forests.

763) *Hasora mixta* (Mabille, 1876)

Plate 111

Subspecies and distribution:

(i) *mixta* (Mabille, 1876) – Basilan, Biliran, Cebu, Camiguin de Luzon, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Negros, Panaon, Panay, Samar, Sibuyan.

(ii) *prabha* Fruhstorfer, 1911 – Balabac, Busuanga Is., Dumaran, Palawan, Sanga Sanga, [Tawi-Tawi (Treadaway, 1995)].

Recorded hostplant: FABACEAE: *Derris* sp..

Uncommon/local.

764) *Hasora badra* (Moore, [1858])

COMMON AWL

Plate 112 and 156

Subspecies and distribution:

(i) *badra* (Moore, [1858]) – Balabac, Calamian, Dumaran, Palawan.

Recorded hostplants: FABACEAE: *Derris albo-rubra* (White-flowered Derris), *D. elliptica*, *D. malaccensis*, *D. trifoliata*, *Millettia brandisiana*, *M. pachycarpa*.

Uncommon/local.

765) *Hasora quadripunctata* (Mabille, 1876)

Plate 112

Subspecies and distribution:

(i) *gnaeus* (Plötz, 1884) – Camiguin de Mindanao, Dinagat, Leyte, Mindanao, Mindoro, Panay, Samar, Tawi-Tawi.

Uncommon/local.

766) *Hasora vitta* (Butler, 1870)

PLAIN BANDED AWL

Plate 112

Subspecies and distribution:

(i) *proximata* (Staudinger, 1889) – Balabac, Camiguin de Luzon, Dumaran, Luzon, Mindanao, Mindoro, Palawan.

Recorded hostplants: FABACEAE: *Derris* sp., *Endosmara racemosa*, *Millettia brandisiana*, *M. dielsiana*, *M. extensa*, *M. glabra*, *M. nitida*, *Phaseolodes* sp., *Pongamia pinnata* (Indian Beech/Bani), *Spatholobus ferrugineus*.

Uncommon/local.

767) *Hasora moestissima* (Mabille, 1876)

BANDED AWL

Plate 112

Subspecies and distribution:

(i) *moestissima* (Mabille, 1876) – Camiguin de Mindanao, Homonhon, Leyte, Luzon, Masbate, Mindanao, Mindoro, Negros, Samar.

Uncommon/local.

768) *Hasora caeruleostriata* de Jong, 1982

Plate 112

Distribution: Babuyanes, Biliran, Homonhon, Leyte, Luzon, Masbate, Negros, Palawan, Panay, Samar.

Endemic; locally common.

769) *Hasora khoda* (Mabille, 1876)

LARGE BANDED AWL

Plate 156

Subspecies and distribution:

(i) *minsona* Swinhoe, 1907 – Balabac, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros, Palawan, Panay, Samar, Sanga Sanga, Tawi-Tawi.

Recorded hostplant: FABACEAE: *Millettia megasperma* (Native Wisteria).

Uncommon/local.

770) *Hasora leucospila* (Mabille, 1891)

VIOLET AWL

Plate 112

Subspecies and distribution:

(i) *leucospila* (Mabille, 1891) – Basilan, Homonhon, Leyte, Luzon, Mindanao, Mindoro, Negros, Palawan, Samar, Sibuyan.

Uncommon/local.

771) *Badamia exclamationis* (Fabricius, 1775)

BROWN AWL

Plate 112, 113 and 157

Distribution: Balabac, Basilan, Bohol, Cebu, Cuyo, Camiguin de Luzon, Dinagat, Dumaran, Homonhon, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Negros, Palawan, Panay, Polillo, Samar, Sanga Sanga, Sibutu, Sibuyan, Tawi-Tawi, Ticao.

Recorded hostplants: BIGNONIACEAE: (unspecified). COMBRETACEAE: *Anogeissus acuminata*, *Combretum ovalifolium*, *C. sundaicum*, *Terminalia bellirica*, *T. bialata*, *T. calamansanay*, *T. catappa* (Indian Almond/Sea Almond/Talisay), *T. complanata*. FABACEAE: (unspecified). MALPIGHIACEAE: *Dioscorea alata*, *D. glabra*, *D. oppositifolia*, *D. pyrifolia*, *D. wallichii*.

Common. Occurs in Metro Manila. A migratory species.

771.1) *Choaspes stigmata* Evans, 1932

Not illustrated

Subspecies and distribution:

(i) *caudata* Evans, 1932 [previously treated as a subspecies of *C. plateni*] – Balabac, Palawan.

Recorded hostplant: SABIACEAE: *Meliosma* sp..

Rare.

772) *Choaspes adhara* Fruhstorfer, 1911 (previously treated as subspecies of *C. plateni* (Staudinger, 1888))

Plate 113

Subspecies and distribution:

(i) *adhara* Fruhstorfer, 1911 – Basilan, Mindanao.

(ii) *negrosa* de Jong & Treadaway, 1993 – Negros.

(iii) *boreus* de Jong & Treadaway, 1993 – Luzon, Mindoro.

(iv) *visaya* de Jong, 1980 – Biliran, Bohol, Leyte, Panaon, Samar.

Recorded hostplants: SABIACEAE: *Meliosma grandifolia*, *Sabia* sp.. SAPINDACEAE: *Allophylus cobbe* (Titberry).

Uncommon/local.

773) *Choaspes estrella* de Jong, 1980

AWLKING

Plate 113

Distribution: Leyte, Luzon, Mindanao, Mindoro, Negros, Panay, Samar.

Endemic; uncommon/local.

774) *Choaspes subcaudatus* (C. & R. Felder, [1867])

Not illustrated

Subspecies and distribution:

(i) *crawfurdi* Distant, 1886 – Sanga Sanga, Tawi-Tawi.

Recorded hostplant: SABIACEAE: *Sabia limoniacea*.

Rare.

Subfamily Pyrginae

775) *Celaenorrhinus nigricans* (de Nicéville, 1885)

SMALL BANDED FLAT

Plate 113

Subspecies and distribution:

(i) *mindanus* de Jong, 1981 – Leyte, Luzon, Mindanao, Samar.

Rare.

776) *Celaenorrhinus putra* (Moore, [1866])

RESTRICTED SPOTTED FLAT

Plate 113

Subspecies and distribution:

(i) *brahmaputra* Elwes & Edwards, 1897 – Palawan.

Very rare.

777) *Celaenorrhinus treadawayi* de Jong, 1981

Plate 113

Subspecies and distribution:

(i) *treadawayi* de Jong, 1981 – Mindanao.

(ii) *samarensis* de Jong, 1981 – Samar.

Endemic; rare.

778) *Celaenorrhinus asmara* (Butler, [1879])

WHITE BANDED FLAT

Plate 113

Subspecies and distribution:

(i) *palajava* (Staudinger, 1889) – Palawan.

Recorded hostplants: ACANTHACEAE: *Justicia gendarussa*. LAMIACEAE: *Clerodendrum chinense*. OLEACEAE: *Jasminum nervosum*.

Uncommon/local.

779) *Celaenorrhinus ficulnea* (Hewitson, 1868)

VELVET FLAT

Plate 114

Subspecies and distribution:

(i) *ficulnea* (Hewitson, 1868) – Palawan.

Very rare.

780) *Celaenorrhinus bazilanus* (Fruhstorfer, 1909)

Not illustrated

Subspecies and distribution:

(i) *bazilanus* (Fruhstorfer, 1909) – Basilan, Mindanao.

781) *Celaenorrhinus halconis* de Jong & Treadaway, 1993

Not illustrated

Distribution: Mindoro (Mt. Halcon).

Endemic; very rare.

782) *Tapena thwaitesi* Moore, 1881

BLACK ANGLE/DARK FLAT

Plate 114

Subspecies and distribution:

bornea Evans, 1931 – Balabac, Palawan.

Recorded hostplants: FABACEAE: *Dalbergia rostrata*.

Uncommon/local.

783) *Darpa pteria* (Hewitson, 1868)

SNOWY ANGLE

Plate 114

Subspecies and distribution:

(i) *pteria* (Hewitson, 1868) – Leyte, Luzon, Mindanao.

(ii) *dealbata* Distant, 1886 – Palawan.

Recorded hostplant: ANNONACEAE: *Dasymaschalon dasymaschalum*.

Uncommon/local.

784) *Odina cuneiformis* (Semper, 1892) (de Jong & Treadaway (1993) treated as a subspecies of *O. hieroglyphica* (Butler, 1870))

Plate 114

Distribution: Camiguin de Luzon, Dinagat, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros, Palawan, Panay.

Endemic; uncommon/local.

785) *Coladenia igna* (Semper, 1892)

Not illustrated

Subspecies and distribution:

(i) *igna* (Semper, 1892) – Leyte, Luzon, Mindanao, Mindoro, Panay, Samar.

(ii) *marinda* de Jong & Treadaway, 1992 – Marinduque.

Endemic; rare.

786) *Coladenia ochracea* de Jong & Treadaway, 1992

Plate 114

Distribution: Leyte, Mindanao, Panay.

Endemic; very rare.

787) *Coladenia semperi* Elwes & Edwards, 1897

Not illustrated

Distribution: Camiguin de Mindanao, Leyte, Mindanao, Negros.

Endemic; very rare.

788) *Coladenia minor* Chiba, Nakanishi, Fukuda & Yata, 1991

Not illustrated

Distribution: Luzon, Marinduque, Mindoro.

Recorded hostplant: CONNARACEAE: *Connarus semidecandrus*.

Endemic; rare.

789) *Coladenia similis* de Jong & Treadaway, 1992

Not illustrated

Distribution: Camiguin de Mindanao, Luzon, Marinduque, Mindanao.

Endemic; rare.

790) *Coladenia palawana* (Staudinger, 1889)

Not illustrated

Distribution: Palawan.

Very rare.

791) *Gerosis limax* (Plötz, 1884)

BLACK AND WHITE FLAT

Plate 114

Subspecies and distribution:

(i) *philippina* Evans, 1932 – Balabac, Palawan.

Recorded hostplant: FABACEAE: *Abrus precatorius* (Crab's Eye).

Uncommon/local.

792) *Gerosis corona* (Semper, 1892)

Plate 114

Subspecies and distribution:

(i) *corona* Semper, 1892 – Alabat, Camiguin de Mindanao, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro (excluding Mt. Halcon), [Panaon (Treadaway, 1995)], Panay, Samar.

(ii) *halcona* Treadaway & Nuyda, 1995 – northern Mindoro (Mt. Halcon).

Endemic; uncommon/local.

793) *Tagiades japetus* (Stoll, [1781])

COMMON SNOW FLAT

Plate 114 and 115

Subspecies and distribution:

(i) *titus* (Plötz, 1884) – Babuyan, Basilan, Biliran, Bohol, Bongao, Calamian, Camiguin de Luzon, Camiguin de Mindanao, Camotes, Cebu, Guimaras, Leyte, Lubang, Luzon, Masbate, Mindanao, Mindoro, Negros, Palawan, Panay, Polillo, Samar, Siargao, Sibutu, Sibuyan, Tawi-Tawi.

Recorded hostplants: CONVULVULACEAE: *Ipomoea batatas* (Sweet Potato/Kamote). DIOSCOREACEAE: *Dioscorea alata*, *D. glabra*, *D. oppositifolia*, *D. pyrifolia*, *D. wallichii*.

Common. The rather dull-looking *Tagiades* species often perch at quite low level (1–2 m above ground level) and sometimes on the undersides of leaves. They always sit with their wings wide open as do most of the members of this subfamily.

794) *Tagiades gana* (Moore, 1865)

LARGE SNOW FLAT/SUFFUSED SNOW FLAT

Plate 115

Subspecies and distribution:

- (i) *gana* (Moore, 1865) – Palawan, Sanga Sanga, Sibutu, Tawi-Tawi.
- (ii) *elegans* (Mabille, 1877) – Basilan, Biliran, Bohol, Camiguin de Mindanao, Camotes, Dinagat, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Negros, Panaon, Polillo, Samar, Siargao, Sibuyan.
- (iii) *fuscata* de Jong & Treadaway, 2007 – north Mindoro.
- (iv) *semperi* Fruhstorfer, 1910 – Calayan Is., Camiguin de Luzon.

Recorded hostplants: DIOSCOREACEAE: *Dioscorea alata*, *D. glabra*, *D. hispida*, *D. orbiculata*, *D. pyrifolia*.

Common.

795) *Tagiades parra* Fruhstorfer, 1910

STRAIGHT SNOW FLAT

Plate 115

Subspecies and distribution:

- (i) *parra* Fruhstorfer, 1910 – Palawan.
- (ii) unnamed ssp. – Leyte, Masbate.

Recorded hostplant: DIOSCOREACEAE: (unspecified).

Rare.

796) *Tagiades ultra* Evans, 1932

ULTRA SNOW FLAT

Plate 115

Distribution: Palawan.

Recorded hostplants: DIOSCOREACEAE: *Dioscorea alata*, *D. glabra*.

Rare.

797) *Tagiades trebellius* (Hopffer, 1874)

SNOW FLAT

Plate 116

Subspecies and distribution:

- (i) *martinus* (Plötz, 1884) – Babuyan, Basilan, Batan Is., Bohol, Cebu, Camiguin de Mindanao, Dinagat, Homonhon, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Palawan, Panay, Polillo, Samar, Sanga Sanga, Sibuyan, Tawi-Tawi, Ticao.

Recorded hostplant: DIOSCOREACEAE: *Dioscorea piscatorum*.

Common. Occurs in Metro Manila.

798) *Mooreana princeps* (Semper, 1892)

Not illustrated

Distribution: Leyte, Luzon, Mindanao, Panaon, Samar.

Endemic; uncommon/local.

799) *Mooreana trichoneura* (C. & R. Felder, 1860)

YELLOW FLAT

Plate 116

Subspecies and distribution:

(i) *trichoneuroides* (Elwes & Edwards, 1897) – Palawan.

Recorded hostplants: EUPHORBIACEAE: *Macaranga trichocarpa*, *Mallotus paniculatus* (Turn-in-the-wind).

Uncommon/local.

800) *Odontoptilium helias* (C. & R. Felder, 1867)

CHESTNUT ANGLE

Plate 116

Subspecies and distribution:

(i) *helisa* (Semper, 1892) (formely treated as a subspecies of *O. angulatum* (C. Felder, 1862)) – Basilan, Cebu, Dumarán, Leyte, Luzon, Marinduque, Mindanao, Mindoro, [Bohol, Negros, Panay, Samar (Treadaway, 1995)]

(ii) *sinka* Evans, 1949 (listed in Treadaway (1995) but not in de Jong & Treadaway (2007/8); reclassified as *O. corria*) – Luzon, Marinduque, Polillo.

Recorded hostplants (of *O. angulatum*): MALVACEAE: *Ceiba pentandra* (Silk-cotton Tree/Kapok), *Commersonia bartramia*, *Hibiscus tilliaceous* (Malobago), *Microcos paniculata* (Shiral), *Talipariti tiliaceum* (Sea Hibiscus), *Urena lobata*. SAPINDACEAE: *Allophylus cobbe* (Titberry).

Common. In rural/agricultural areas where there are some trees, as well as in forests; it often perches quite low on vegetation with wings wide open.

800.1) *Odontoptilium corria* de Jong, 2006

Plate 116

Distribution: Luzon, Negros, Panay, Polillo.

Rare.

800.2) *Odontoptilium abbreviata* de Jong, 2006

Plate 116

Distribution: Basilan, Mindanao.

Rare.

801) *Odontoptilium pygela* (Hewitson, 1868)

BANDED ANGLE

Plate 116 and 117

Subspecies and distribution:

(i) *pygela* (Hewitson, 1868) – Palawan.

(ii) *tawita* de Jong, 2006 – Sanga Sanga, Tawi-Tawi.

Uncommon/local.

802) *Semperium leptogramma* (Hewitson, 1868) (formerly *Odontoptilium leptogramma*)

Not illustrated

Distribution: Cebu, Leyte, Luzon, Mindanao, Mindoro, Samar, Sibuyan.

Endemic; uncommon/local.

Subfamily Hesperiiinae

803) *Aeromachus musca* (Mabille, 1876)

Plate 117

Distribution: Cebu, Leyte, Luzon, Mindoro, Mindanao, Negros, Samar, Siargao.

Endemic; uncommon/local.

804) *Aeromachus plumbeola* (C. & R. Felder, 1867)

SCRUB HOPPER

Plate 117

Distribution: Basilan, Biliran, Leyte, Luzon, Masbate, Mindanao, Mindoro, Negros, Panay, Samar.

Endemic; very common. Occurs in Metro Manila. Its pale blue coloration is very unusual among the Hesperiiinae. In flight it looks at first glance very similar in colour to the “Grass Blues” (*Zizina otis*, *Zizeeria karsandra* and *Zizula hylax*) and indeed often occurs in company with them, including many sites with short grass in and around Manila.

805) *Thoressa justini* Inoue & Kawazoé, 1969

Not illustrated

Subspecies and distribution:

(i) *justini* Inoue & Kawazoé, 1969 – northern Luzon.

(ii) *raphaeli* Nuyda & Kitamura, 1994 – Leyte.

Endemic; very rare.

806) *Halpe mahapara* Fruhstorfer, 1911 (de Jong & Treadaway (1993) treated as a subspecies of *H. zema* (Hewitson, 1877))

Not illustrated

Distribution: Calamian, Dumarán, Palawan.

Endemic; uncommon/local.

806.1) *Halpe hermaphrodite* Chiba & Tsukiyama, 1999

Not illustrated

Subspecies and distribution:

(i) *hermaphrodite* Chiba & Tsukiyama, 1999 – Mindanao.

(ii) *punctata* de Jong & Treadaway, 2007 – central Leyte.

Rare.

807) *Halpe ormenes* (Plötz, 1886) (listed in Treadaway (1995) but not in de Jong & Treadaway (2007/8))

DARK BANDED ACE

Plate 117

Subspecies and distribution:

(i) *vistula* Evans, 1937 – Palawan.

808) *Halpe palawea* (Staudinger, 1889)

Not illustrated

Distribution: Balabac, Calamian, Dumarán, Palawan.

Endemic; uncommon/local.

809) *Halpe luteisquama* (Mabille, 1876)

Plate 117 and 118

Distribution: Basilan, Camiguin de Luzon, Cebu, Jolo, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros, Palawan, Panay, Samar, Sibutu, Sibuyan, Tawi-Tawi.

Endemic; very common. Of the Philippine *Halpe* species, this is by far the most

common. The *Halpe* species are difficult to distinguish and there have been several changes of opinion as to which species the various forms and subspecies belong to.

810) *Halpe latipinna* de Jong & Treadaway, 1993

Not illustrated

Distribution: Mindoro (Mt. Halcon).

Endemic; very rare.

810.1) *Halpe cristata* de Jong & Treadaway, 2007

Not illustrated

Distribution: eastern Samar.

Rare.

811) *Halpe dante* Evans, 1949

Not illustrated

Subspecies and distribution:

(i) *dante* Evans, 1949 – Negros.

(ii) *luzona* Evans, 1949 – Luzon.

(iii) *tilia* Evans, 1949 – [Leyte (Treadaway, 1995)], Mindanao.

Endemic; rare.

812) *Halpe sulphurifera* (Herrich-Schäffer, 1869)

Plate 118

Distribution: Cebu, Jolo, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros, Palawan, Panay, Samar, Tawi-Tawi, [Masbate, Sibuyan (Treadaway, 1995)].

Endemic; common.

812.1) *Halpe major* de Jong & Treadaway, 2007

Not illustrated

Distribution: southern Leyte.

Rare.

813) *Halpe toxopea* Evans, 1932

PALAWAN ACE

Plate 118

Distribution: Calamian, Dumarán, Palawan.

Rare.

814) *Halpe pelethronix* Fruhstorfer, 1910

PENINSULAR ACE

Plate 118

Subspecies and distribution:

(i) *pelethronix* Fruhstorfer, 1910 – Palawan.

Very rare.

815) *Halpe inconspicua* de Jong & Treadaway, 1993

Plate 118

Distribution: Biliran, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Palawan, Panaon, Samar, Subuyan.

Endemic; very rare.

815.1) *Halpe falcata* de Jong & Treadaway, 2007

Not illustrated

Distribution: Leyte, Mindoro, Panay.

Rare.

816) *Halpe purpurascens* de Jong & Treadaway, 1993

Plate 118

Distribution: Masbate, Negros, Panay, [Leyte, Mindanao (Treadaway, 1995)].

Endemic; rare.

817) *Koruthaialos rubecula* (Plötz, 1882)

NARROW-BANDED VELVET BOB

Plate 119

Subspecies and distribution:

(i) *atra* Evans, 1949 – Basilan, Bongao, Cebu, Leyte, Masbate, Mindanao, Negros, Samar.

(ii) *luzonensis* Fruhstorfer, 1910 – Catanduanes, Luzon, Marinduque, Polillo.

(iii) *ponta* Evans, 1949 – Balabac, Calamian, Palawan.

Locally common. A forest species, occurring along woodland tracks.

818) *Koruthaialos sindu* (C. & R. Felder, 1860)

BRIGHT RED VELVET BOB

Plate 119

Subspecies and distribution:

(i) *sindu* (C. & R. Felder, 1860) (listed in Treadaway (1995) but not in de Jong & Treadaway (2007/8) – Palawan.

(ii) *palawites* Staudinger, 1889 (Treadaway (1995) treated as a subspecies of *K. rubecula*) – Palawan, [Calamian (Treadaway, 1995)].

Recorded hostplants: MUSACEAE: *Musa* × *paradisiaca* and *M. textilis* (Bananas).

Rare.

819) *Psolos fuligo* (Mabille, 1876)

COON

Plate 119

Subspecies and distribution:

(i) *fuligo* (Mabille, 1876) – Balabac, Basilan, Bohol, Cebu, Camiguin de Mindanao, Camotes, Jolo, Leyte, Luzon, Masbate, Mindanao, Mindoro, Negros, Palawan, Panay, Samar, Sibutu, Sibuyan, Tawi-Tawi.

Recorded hostplants: ARECACEAE: (reported in some works but probably not correct). MARANTACEAE: *Donax canniformis*.

Common. Mainly in forests.

820) *Ancistroides nigrita* (Latreille, [1824])

CHOCOLATE DEMON

Plate 119 and 120

Subspecies and distribution:

(i) *fumatus* (Mabille, 1876) – Babuyan, Balabac, Basilan, Biliran, Bohol, Camiguin de Mindanao, Cebu, Guimaras, Leyte, Luzon, Masbate, Mindanao, Mindoro, Negros, Palawan, Panay, Samar, Sarangani, Sibuyan.

Recorded hostplants: ZINGIBERACEAE: *Alpinia aquatica*, *A. galanga*, *A. siamensis*, *Curcuma comosa*, *C. longa* (Turmeric), *Etilingera elatior* (Torch Ginger), *Hedychium coronarium* (White Ginger Lily/Butterfly Ginger), *Zingiber montanum*, *Z. officinale* (Ginger), *Z. zerumbet* (Bitter Ginger/Shampoo Ginger/Tumbong-aso).

Common. In rural areas where there are some trees, as well as forests. In its rather dull plain brown colour scheme it is similar to the last species, but much larger.

820.1) *Notocrypta curvifascia* (Felder, 1862)

RESTRICTED DEMON

Plate 120

Subspecies and distribution:

(i) *curvifascia* (Felder, 1862) – Batan.

(ii) *chimaera* (Plötz, 1862) – Panaon.

Recorded hostplants: COSTACEAE: *Cheilocostus speciosus* (Crepe Ginger).
MUSACEAE: *Musa* × *paradisiaca* (Banana). ZINGIBERACEAE: *Alpinia formosana*,
A. japonica, *A. zerumbet* (Shell Ginger), *Curcuma decipiens*, *C. longa* (Turmeric),
Globba marantina, *Hedychium coronarium* (White Ginger Lily/Butterfly Ginger),
Kaempferia rotunda, *Zingiber montanum*, *Z. odoriferum*, *Z. officinale* (Ginger), *Z. zerumbet* (Bitter Ginger/Shampoo Ginger/Tumbong-aso).

Rare.

821) *Notocrypta paralysos* (Wood-Mason & de Nicéville, 1881)

COMMON BANDED DEMON

Plate 120

Subspecies and distribution:

(i) *chunda* Fruhstorfer, 1911 – Balabac, Calamian, Palawan.

(ii) *varians* (Plötz, 1884) – Sibutu.

(iii) *volux* (Mabille, 1883) – Basilan, Biliran, Camiguin de Luzon, Camiguin de Mindanao, Cebu, Dinagat, Homonhon, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Negros, Panay, Polillo, Samar, Sibuyan, Tawi-Tawi group excluding Sibutu.

Recorded hostplants: COSTACEAE: *Costus lucanusianus* (African Spiral Flag).
MUSACEAE: *Musa* sp. (Banana). ZINGIBERACEAE: *Curcuma longa* (Turmeric),
Zingiber sp..

Common. In most rural habitats as well as forests. Very similar to *N. feisthamelii* and sometimes occurring with it, but with fewer white spots on the forewing.

822) *Notocrypta clavata* (Staudinger, 1889)

CLAVATED BANDED DEMON

Plate 120

Subspecies and distribution:

(i) *clavata* (Staudinger, 1889) – Palawan.

Very rare.

823) *Notocrypta howarthi* Hayashi, 1980 (de Jong & Treadaway (2007/8) treat as synonymous with *N. paralysos*)

Not illustrated

Distribution: Mindanao.

Endemic; very rare.

824) *Notocrypta feisthamelii* (Boisduval, 1832)

SPOTTED DEMON

Plate 120

Subspecies and distribution:

(i) *alinkara* Fruhstorfer, 1911 – Babuyan, Biliran, Bohol, Calamian, Catanduanes, Cebu, Dinagat, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros, Palawan, Panaon, Panay, Polillo, Samar, Sibuyan.

Recorded hostplants: MUSACEAE: *Musa* sp. (Banana). ZINGIBERACEAE: *Curcuma decipiens*, *Elettaria* sp., *Zingiber montanum*.

Common. See under *N. paralysos* above.

825) *Suada catoleucos* (Staudinger, 1889)

Not illustrated

Distribution: Mindanao, Palawan.

Uncommon/local.

826) *Suada albina* (Semper, 1892)

Plate 121

Distribution: Basilan, Leyte, Luzon, Mindanao, Polillo.

Recorded hostplants: POACEAE: (unspecified grasses).

Endemic; uncommon/local.

827) *Suastus minutus* (Moore, 1877)

SMALL-SPOT PALM BOB

Plate 121

Subspecies and distribution:

(i) *scopas* (Staudinger, 1889) – Palawan.

(ii) *compactus* de Jong & Treadaway, 1993 – Calamian.

Recorded hostplants (of related species): ARECACEAE: *Calamus* sp. (Rattan/Kumabo), *Caryota* sp. (Fishtail Palm), *Cocos nucifera* (Coconut).

Uncommon/local.

828) *Suastus migreus* Semper, 1892

Plate 121

Distribution: Babuyan, Cebu, Fuga, Homonhon, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Sibuyan, Tawi-Tawi.

Endemic; uncommon/local.

828.1) *Suastus gremius* (Fabricius, 1798)

INDIAN PALM BOB

Plate 121

Subspecies and distribution:

(i) *gremius* (Fabricius, 1798) – Bongao, Tawi-Tawi.

Recorded hostplants: ARECACEAE: *Arenga engleri*, *Borassus flabellifer*, *Calamus* sp. (Rattan/Kumabo), *Caryota urens*, *Chamaerops humilis*, *Cocos nucifera* (Coconut), *Elaeis guineensis* (African Oil Palm), *Licuala grandis*, *Phoenix loureiroi*, *P. roebelenii*, *P. sylvestris*, *Ptychosperma macarthurii* (MacArthur Palm), *Rhapis excelsa* (Lady Palm), *Trachycarpus fortunei*. FABACEAE: ?*Tamarindus indica* (Tamarind). MYRTACEAE: ?*Psidium guajava* (Guava/Bayabas).

Rare.

829) *Cupitha purreea* (Moore, 1877)

WAX DART

Plate 121 and 157

Distribution: Balabac, Dumarán, Palawan.

Recorded hostplants: BORAGINACEAE: *Ehretia laevis*. COMBRETACEAE: *Combretum latifolium*, *C. ovalifolium*, *Terminalia bellirica*, *T. paniculata*.

Uncommon/local.

830) *Zographetus pallens* de Jong & Treadaway, 1993

Not illustrated

Distribution: Camiguin de Luzon, Marinduque, Sanga Sanga.

Endemic; very rare.

830.1) *Zographetus durga* (Plötz, 1884) (treated as a subspecies of *Z. ogygia* in de Jong & Treadaway 1993 and Treadaway 1995)

Plate 121 and 122

Distribution: Biliran, Camiguin de Mindanao, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Negros, Palawan, Panay, Polillo, Samar, Sibuyan.

Rare.

831) *Zographetus ogygia* (Hewitson, [1866])

PURPLE-SPOTTED FLITTER/RUSTY FLITTER

Subspecies and distribution:

(i) *ogygia* (Hewitson, [1866]) – Palawan.

Recorded hostplant: POACEAE: *Bambusa* sp. (Bamboo).

Uncommon/local.

831.1) *Zographetus ogygioides* (Elwes & Edwards, 1897) (not in de Jong & Treadaway 2007/2008)

RED FLITTER

Distribution: Masbate, Panay, Sibuyan, Tawi-Tawi.

Uncommon.

832) *Zographetus doxus* Eliot, 1959

PROMINENT-SPOT FLITTER

Plate 122

Distribution: Palawan.

Recorded hostplant: FABACEAE: *Archidendron jiringa* (Jering) (in Malaya).

Very rare.

833) *Zographetus abima* (Hewitson, 1877) (not in de Jong & Treadaway 2007/8)

Not illustrated

Distribution: Palawan.

834) *Zographetus rama* (Mabille, 1876)

SMALL FLITTER

Not illustrated

Distribution: Balabac, [Leyte (Treadaway, 1995)], Mindanao, Mindoro, Negros, Palawan, Samar.

Recorded hostplant: GNETACEAE: *Gnetum* sp..

Very rare.

835) *Oerane microthyrus* (Mabille, 1883)

WHITE-CLUB FLITTER

Plate 122

Subspecies and distribution:

(i) *microthyrus* (Mabille, 1883) – Leyte, Luzon, Marinduque, Mindanao, Mindoro, Samar.

Recorded hostplant: ARECACEAE: *Daemonorops oblonga*.

Uncommon/local.

836) *Hyarotis adrastus* (Stoll, [1780])

TREE FLITTER

Plate 122 and 157

Subspecies and distribution:

(i) *praba* (Moore, 1866) – Busuanga (Calamian group), Mindanao, Palawan.

Recorded hostplants: ARECACEAE: *Calamus tetradactylus*, *Daemonorops angustifolia* (Water Rattan Palm), *Dypsis lutescens* (Butterfly Palm), *Phoenix acaulis*, *P. loureiroi*, *P. roebelenii*.

Uncommon/local.

837) *Hyarotis microsticta* (Wood-Mason & de Nicéville, 1887)

BRUSH TREE FLITTER

Plate 122

Subspecies and distribution:

(i) *microsticta* (Wood-Mason & de Nicéville, 1887) – Luzon, Mindoro.

Rare.

838) *Hyarotis iadera* de Nicéville, 1895

DARK TREE FLITTER

Not illustrated

Distribution: Luzon, Palawan.

Very rare.

839) *Quedara monteithi* (Wood-Mason & de Nicéville, 1887)

DUBIOUS FLITTER

Plate 122

Subspecies and distribution:

(i) *noctis* (Staudinger, 1889) – Balabac, Calamian, Leyte, Mindanao, Palawan, Samar.

Recorded hostplants: ARECACEAE: *Calamus manan*, *Daemonorops didymophylla*, *Eugeissona tristis* (Bertam Palm).

Uncommon/local.

840) *Isma bononia* (Hewitson, [1868])

LESSER LONG-SPOT FLITTER

Plate 123

Subspecies and distribution:

(i) *bipunctata* (Elwes & Edwards, 1897) (Treadaway (1995) treated as a full species)

– Mindanao, Palawan.

Recorded hostplants: PANDANACEAE: *Pandanus* sp. (Pandan).

Very rare.

840.1) *Isma guttulifera* (Elwes & Edwards, 1897)

LARGE NON-BRANDED FLITTER

Not illustrated

Distribution: Palawan.

Rare.

840.2) *Isma elioti* de Jong & Treadaway, 2007

Not illustrated

Distribution: north-eastern Mindanao.

Rare.

841) *Isma binotatus* (Elwes & Edwards, 1897)

Not illustrated

Distribution: Leyte, Mindanao.

Very rare.

842) *Isma feralia* (Hewitson, [1868]) (not in de Jong & Treadaway 2007/8)

NARROW-SPOT FLITTER

Not illustrated

Subspecies and distribution:

(i) unnamed ssp. – Leyte, Mindanao, Samar.

Recorded hostplants: MUSACEAE: *Musa* sp. (Banana). PANDANACEAE: *Pandanus* sp. (Pandan).

Very rare.

843) *Pyroneura flavia* (Staudinger, 1889)

Not illustrated

Subspecies and distribution:

(i) *flavia* (Staudinger, 1889) – Palawan.

Rare.

844) *Pyroneura agnesia* (Eliot, 1967)

Not illustrated

Subspecies and distribution:

(i) *limbanga* Eliot, 1967 – Palawan.

Very rare.

845) *Pyrroneura liburnia* (Hewitson, 1868)

Plate 123

Subspecies and distribution:

(i) *liburnia* (Hewitson, 1868) – Luzon, Marinduque, Polillo.

(ii) *divinae* Schröder & Treadaway, 1987 – Panay, Romblon, Sibuyan.

(iii) *dora* de Jong & Treadaway, 1993 – Mindoro.

(iv) *minda* (Evans, 1941) – Homonhon, Leyte, Mindanao.

(v) *rosa* de Jong & Treadaway, 1993 – Negros.

(vi) *wita* de Jong & Treadaway, 1993 – Sanga Sanga, Tawi-Tawi.

(vii) *palawa* de Jong & Treadaway, 2007 – Palawan.

Endemic; locally common. A forest species.

846) *Pyrroneura derna* (Evans, 1941)

Not illustrated

Distribution: Palawan.

Very rare.

847) *Pyrroneura niasana* (Fruhstorfer, 1909)

BURMESE LANCER

Plate 123

Subspecies and distribution:

(i) *burmana* (Evans, 1926) – Palawan.

Uncommon/local.

848) *Pyrroneura toshikoe* Hayashi, 1980

Not illustrated

Distribution: eastern Mindanao.

Endemic; very rare.

849) *Plastingia naga* (de Nicéville, 1884)

SILVER-SPOTTED LANCER

Plate 123

Distribution: Balabac, Camiguin de Luzon, Leyte, Luzon, Marinduque, Mindanao,

Mindoro, Palawan, Panaon, Panay.

Recorded hostplant: ARECACEAE: *Caryota mitis* (Fishtail Palm).

Locally common. A forest species.

850) *Plastingia pellationia* Fruhstorfer, 1909

YELLOW CHEQUERED LANCER

Plate 123 and 124

Distribution: Palawan.

Very rare.

851) *Plastingia viburnia* (Semper, 1892)

Not illustrated

Distribution: Luzon, Mindanao, Mindoro, Negros, Palawan, Samar, Sibuyan.

Endemic; rare.

852) *Salanoemia sala* (Hewitson, 1866)

MULTI-SPOTTED DARTER

Not illustrated

Distribution: Palawan.

Recorded hostplant: ARECACEAE: *Calamus* sp. (Rattan/Kumabo).

Very rare.

853) *Salanoemia similis* (Elwes & Edwards, 1897)

SIMILAR STREAK DARTER

Plate 124

Distribution: Dumarán, Palawan.

Very rare.

853.1) *Salanoemia fuscicornis* (Elwes & Edwards, 1897)

PURPLISH-GREY DARTER

Not illustrated

Distribution: Palawan.

Rare.

853.2) *Ge geta* de Nicéville, 1895

CIRCULAR TUFTED DEMON

Not illustrated

Distribution: north-eastern Mindanao.

Rare.

854) *Xanthoneura telesinus* (Mabille, 1878)

Plate 124

Distribution: Bohol, Leyte, Luzon, Marinduque, Mindanao, Mindoro, [Negros (Treadaway, 1995)], Panay, Samar.

Endemic; locally common.

854.1) *Xanthoneura obscurior* de Jong & Treadaway, 2007

Plate 124

Distribution: Leyte, Luzon, Mindanao, Mindoro, Negros, Panay, Samar.

Endemic; rare.

855) *Lotongus calathus* (Hewitson, 1876)

WHITE-TIPPED PALMER

Plate 125

Subspecies and distribution:

(i) *calathus* (Hewitson, 1876) – Palawan.

(ii) *shigeoi* Treadaway & Nuyda, 1994 – Basilan, Mindanao.

Recorded hostplants: ARECACEAE: *Cocos nucifera* (Coconut), *Trachycarpus fortunei*.

Very rare.

856) *Zela excellens* (Staudinger, 1889)

WHITE-CLUB YELLOW PALMER

Plate 125

Distribution: Palawan.

Recorded hostplant: ARECACEAE: *Calamus javensis*.

857) *Zela zeus* de Nicéville, [1895]

REDEYE PALMER/ORANGE-CILIATE PALMER

Plate 125

Subspecies and distribution:

(i) *zeus* de Nicéville, [1895] – Bongao, Sanga Sanga, [Tawi-Tawi (Treadaway, 1995)].

(ii) *major* Evans, 1932 – Homonhon, Leyte, Luzon, Mindanao, Mindoro, Samar, Sibuyan.

Uncommon/local.

858) *Zela zenon* de Nicéville, [1895]

Plate 125

Distribution: Palawan.

Rare.

858.1) *Zela storeyi* Kirton & Eliot, 2004

Not illustrated

Distribution: Palawan.

Rare.

859) *Gangara thyraxis* (Fabricius, 1775)

GIANT REDEYE

Plate 125, 126 and 157

Subspecies and distribution:

(i) *thyraxis* (Fabricius, 1775) – Palawan.

(ii) *philippensis* Fruhstorfer, 1910 – Babuyanes, Bohol, [Camiguin de Luzon (Treadaway, 1995)], Leyte, Luzon, Mindanao, Mindoro, Panaon, Samar, Sibuyan.

(iii) *magnificens* de Jong & Treadaway, 1993 – Negros, Panay.

Recorded hostplants: ARECACEAE: *Arenga* sp., *Calamus caesius*, *C. guruba*, *C. rotang*, *C. trachycoleus*, *C. viminalis*, *Caryota urens*, *Cocos nucifera* (Coconut), *Cyrtostachys renda*, *Elaeis guineensis* (African Oil Palm), *Eugeissona tristis* (Bertam Palm), *Korthalsia* sp., *Licuala grandis*, *Livistona saribus*, *Nypa fruticans* (Nipa Palm), *Roystonea regia* (Royal Palm), *Trachycarpus fortunei*. MUSACEAE: *Musa* × *paradisiaca* (Banana). MYRTACEAE: *Psidium guajava* (Guava/Bayabas). PHILYDRACEAE: *Philydrum lanuginosum* (Frogsmouth/Woolly Water-lily). POACEAE: *Saccharum officinarum* (Sugar Cane).

Uncommon/local.

860) *Gangara lebadea* (Hewitson, [1868])

BANDED REDEYE

Plate 126

Subspecies and distribution:

(i) *guyi* Treadaway & Nuyda, 1996 – Dumaran, Palawan (listed as *ustina* Treadaway & Nuyda, 1995 in Treadaway (1995)).

(ii) *janlourensi* Schröder & Treadaway, 1987 – Leyte.

Recorded hostplants: ARECACEAE: *Arenga undulatifolia*, *Calamus* sp. (Rattan/Kumabo), *Korthalsia* sp..

Rare.

861) *Erionota thrax* (Linnaeus, 1767)

BANANA SKIPPER

Plate 126 and 157

Subspecies and distribution:

(i) *thrax* (Linnaeus, 1767) – Cebu, Camotes, Luzon (excluding northern & north-western), Marinduque, Masbate, Mindoro, Negros, Palawan, Panay, Polillo, Sibutu, Sibuyan, Tawi-Tawi.

(ii) *alexandra* Semper, 1892 – northern & north-western Luzon.

(iii) *mindana* Evans, 1941 – Dinagat, Homonhon, Jolo, Leyte, Mindanao, Samar.

Recorded hostplants: ARECACEAE: *Calamus* sp. (Rattan/Kumabo), *Caryota* sp. (Fishtail Palm), *Cocos nucifera* (Coconut), *Licuala grandis*, *Metroxylon* sp., *Nypa fruticans* (Nipa Palm). MUSACEAE: *Musa acuminata*, *M. × paradisiaca*, *M. textilis* (Bananas). POACEAE: *Chrysopogon* sp., *Saccharum officinarum* (Sugar Cane). STRELITZIACEAE: *Ravenala madagascariensis* (Traveller's Palm).

Common. Occurs in agricultural areas as well as forests.

862) *Erionota hiraca* (Moore, 1881)

WHITE-TIPPED SKIPPER

Plate 126

Subspecies and distribution:

(i) *apex* Semper, 1892 – Leyte, Luzon, Mindanao, Mindoro, Palawan, Polillo, Samar, Ticao.

Rare.

863) *Erionota surprisa* de Jong & Treadaway, 1992

Not illustrated

Distribution: Babuyan, Cebu, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros, Palawan, Panay, Polillo, Samar, Tawi-Tawi, Ticao.

Endemic; uncommon/local.

864) *Erionota sybiritra* (Hewitson, 1876)

SYBARITE SKIPPER

Not illustrated

Distribution: Palawan.

Very rare.

865) *Erionota torus* Evans, 1941

ROUNDED BANANA SKIPPER/GIANT SKIPPER

Plate 126

Distribution: Cebu, Dinagat, Leyte, Mindanao, Negros, Panay, Samar.

Recorded hostplants: ARECACEAE: *Caryota* sp. (Fishtail Palm), *Cocos nucifera* (Coconut), *Roystonea regia* (Royal Palm). MUSACEAE *Musa* × *paradisiaca* (Banana).

Uncommon/local.

866) *Matapa aria* (Moore, 1866)

COMMON REDEYE

Plate 127

Distribution: Calamian, Camotes, Cebu, Cuyo, Homonhon, Leyte, Luzon, Mindanao, Mindoro, Negros, Palawan, Panay, Sibuyan.

Recorded hostplants: POACEAE: *Bambusa bambos*, *B. heterostachya* (Malay Dwarf Bamboo), *B. multiplex* (Hedge Bamboo/Chinese Dwarf Bamboo), *Dendrocalamus strictus*, *Dinochloa andamanica*, *Gigantochloa albociliata*, *Ochlandra talbotii*, *Oxytenanthera* sp..

Common.

866.1) *Matapa cresta* Evans, 1949

FRINGED REDEYE

Plate 127

Distribution: southern Luzon (Mt. Banahaw).

Rare.

867) *Matapa intermedia* de Jong, 1983

Not illustrated

Subspecies and distribution:

(i) *nigrita* de Jong, 1983 – Samar.

Rare.

868) *Matapa celsina* (C. & R. Felder, 1867)

Not illustrated

Distribution: eastern Mindanao.

Very rare.

869) *Unkana ambasa* (Moore, [1858])

HOARY PALMER

Plate 127

Subspecies and distribution:

(i) *palawana* Fruhstorfer, 1911 (listed as ssp. *ambasa* (Moore, [1858]) in Treadaway, 1995) – Palawan.

(ii) *batara* Distant, 1886 – Sanga Sanga, Sibutu, Tawi-Tawi.

(iii) *mindanaensis* Fruhstorfer, 1911 – Bohol, Camiguin de Luzon, Dinagat, Homonhon, Leyte, Luzon, Mindanao, Mindoro, Negros, Panay, Samar, Sibuyan.

Recorded hostplants: PANDANACEAE: *Pandanus amaryllifolius*, *P. atrocarpus*, *P. odorifer*, *P. tectorius* (Seashore Pandan/Screw Pipe). RUBIACEAE: ?*Psychotria viridiflora*.

Uncommon/local.

870) *Hidari irava* (Moore, [1858])

COCONUT SKIPPER

Plate 127 and 157

Distribution: Mindanao, Palawan, Sulu Archipelago.

Recorded hostplants: ARECACEAE: *Arenga* sp., *Caryota urens*, *Cocos nucifera* (Coconut), *Elaeis guineensis* (African Oil Palm), *Livistona* sp., *Metroxylon sagu* (Sago Palm), *Nypa fruticans* (Nipa Palm). MUSACEAE: (unspecified). POACEAE: *Bambusa* sp. (Bamboo).

Very rare.

871) *Acerbas anthea* (Hewitson, 1868)

WHITE PALMER

Plate 127

Subspecies and distribution:

(i) *anthea* (Hewitson, 1868) – Leyte, Mindanao, Panaon.

(ii) *luzona* de Jong, 1982 – Luzon.

Recorded hostplant: ARECACEAE: *Calamus* sp. (Rattan/Kumabo).

Uncommon/local.

872) *Acerbas duris* (Mabille, 1883)

BANDED PALMER

Plate 127

Subspecies and distribution:

(i) *duris* (Mabille, 1883) – Camiguin de Luzon, Camiguin de Mindanao, Cebu, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Negros, Panaon.

Rare.

873) *Pirdana hyela* (Hewitson, 1867)

GREEN-STRIPED PALMER

Plate 128

Subspecies and distribution:

(i) *hyela* Hewitson, 1867 – Leyte, Luzon, Mindanao, Palawan.

Recorded hostplants: ASPARAGACEAE: *Cordyline fruticosa* (Cabbage Palm/Good Luck Plant), *Dracaena angustifolia*, *Peliosanthes teta*.

Uncommon/local.

874) *Pirdana fusca* de Jong & Treadaway, 1993

Not illustrated

Distribution: Leyte, Mindanao, Samar.

Endemic; very rare.

874.1) *Taractrocera ardonia* (Hewitson, [1868])

Not illustrated

Subspecies and distribution:

(i) *sumatrensis* Evans, 1926 – Balabac, Sarangani.

Rare.

875) *Taractrocera luzonensis* (Staudinger, 1889)

LUZON GRASS DART/VEINED GRASS DART

Plate 128

Subspecies and distribution:

(i) *luzonensis* (Staudinger, 1889) – Balabac, Basilan, Cebu, Dinagat, Leyte, Luzon, Mapun (formerly Cagayan Sulu), Marinduque, Masbate, Mindanao, Mindoro, Negros, Palawan, Panay, Samar, Sibuyan.

(ii) *stella* Evans, 1934 – Bongao, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: POACEAE: (unspecified grasses).

Very common. Occurs in Metro Manila. Very habitat-tolerant; can be found almost anywhere in grassy locations. It is distinguished from similar-looking species in the genera *Oriens* and *Potanthus* by the lack of an apiculus on the antennae.

876) *Oriens paragola* (de Nicéville, 1896) (not in de Jong & Treadaway (2007/8)

MALAY DARTLET

Plate 128

Distribution: Palawan.

Recorded hostplant: POACEAE: *Ottochloa nodosa*.

Very rare.

877) *Oriens gola* (Moore, 1877)

COMMON DARTLET

Plate 128

Subspecies and distribution:

(i) *pseudolus* (Mabille, 1883) – Balabac, Calamian, Luzon, Palawan.

Recorded hostplants: POACEAE: *Axonopus compressus* (Wide-leaved Carpet Grass/Cow Grass), *Centotheca lappacea* (Sefa), *Imperata cylindrica* (Blady Grass/Lalang), *Oryza sativa* (Rice), *Ottochloa nodosa*, *Paspalum conjugatum* (Buffalo Grass/Hilo Grass).

Uncommon/local.

878) *Oriens californica* (Scudder, 1872)

Plate 128 and 129

Distribution: Balabac, Cebu, Homonhon, Jolo, Leyte, Luzon, Masbate, Mindanao, Mindoro, Negros, Panay, Polillo, Samar, Sibuyan, Tawi-Tawi.

Endemic; common.

879) *Oriens fons* Evans, 1949

Plate 129

Distribution: Basilan, Leyte, Luzon, Mindanao, Mindoro, Negros, Panay, Samar.

Endemic; rare.

880) *Potanthus omaha* (W. H. Edwards, 1863)

LESSER DART

Plate 129

Subspecies and distribution:

(i) *bione* Evans, 1949 – Basilan, Mindanao, Negros, Sanga Sanga, Sibuyan.

(ii) *maesina* (Evans, 1934) – Tawi-Tawi.

Recorded hostplants (of related south Indian species): POACEAE: *Bambusa* sp. (Bamboo), *Dendrocalamus* sp., *Dinochloa andamanica*, *Imperata cylindrica* (Blady

Grass/Lalang), *Oryza sativa* (Rice), *Schizostachyum* sp..

Very rare.

881) *Potanthus fettingi* (Möschler, 1878)

Not illustrated

Subspecies and distribution:

(i) *alpha* (Evans, 1934) – Luzon.

882) *Potanthus niobe* (Evans, 1934)

Not illustrated

Subspecies and distribution:

(i) *niobe* (Evans, 1934) – Mindanao, [Dinagat, Negros, Sibuyan (Treadaway, 1995)].

Endemic; very rare.

882.1) *Potanthus hyugai* de Jong & Treadaway, 1993 (treated as a subspecies of *P. niobe* in de Jong & Treadaway (1993) and Treadaway (1995))

Plate 129

Distribution: northern Luzon, northern Mindoro.

Rare.

883) *Potanthus confucius* (C. & R. Felder, 1862)

CONFUCIAN DART

Plate 129

Subspecies and distribution:

(i) *obtusus* de Jong & Treadaway, 2007 (listed as *yojana* (Fruhstorfer, 1911) in Treadaway, 1995) – Palawan.

Recorded hostplants: POACEAE: *Bambusa multiplex* (Hedge Bamboo/Chinese Dwarf Bamboo), *Setaria palmifolia*.

884) *Potanthus mingo* (W. H. Edwards, 1866)

ZIGZAG BANDED DART

Plate 129 and 130

Subspecies and distribution:

(i) *mingo* (W. H. Edwards, 1866) – Basilan, Bohol, Cebu, Jolo, Leyte, Luzon, Masbate, Mindanao, Mindoro, Negros, Panay, Samar, Sanga Sanga, Sibuyan, Tawi-Tawi.

Uncommon/local.

885) *Potanthus pava* (Fruhstorfer, 1911)

Plate 130

Subspecies and distribution:

(i) *lesbia* Evans, 1934 – Basilan, Dinagat, Luzon, Mindanao, Mindoro, Palawan, Polillo, Samar, Sanga Sanga, Sibuyan.

Recorded hostplants: POACEAE: *Cymbopogon* sp., *Miscanthus sinensis*.

Uncommon/local. The *Potanthus* species are very similar and difficult to distinguish; *P. pava* and *P. mingo* are the most likely to be encountered.

886) *Potanthus ganda* (Fruhstorfer, 1911)

GANDA DART

Plate 130

Subspecies and distribution:

(i) *marla* Evans, 1949 – Busuanga (Calamian group), Dumarán, Palawan.

Recorded hostplant: POACEAE: *Setaria palmifolia*.

Uncommon/local.

887) *Potanthus hetaerus* (Mabille, 1883)

LARGE DART

Not illustrated

Subspecies and distribution:

(ii) *hetaerus* (Mabille, 1883) – Babuyanés, Bongao, Dinagat, Homonhon, Leyte, Luzon, Mapun (formerly Cagayan Sulu), Mindanao, Mindoro, Negros, Panay, Polillo, Romblon, Sanga Sanga, Sibutu, Sibuyan, Tawi-Tawi.

Recorded hostplant: FLAGELLARIACEAE: *Flagellaria indica* (Whip Vine).

Uncommon/local.

888) *Potanthus serina* (Plötz, 1883)

Not illustrated

Distribution: Balabac, Busuanga (Calamian group), Dumarán, Leyte, Palawan, Sibutu, Sitangkai, Tawi-Tawi.

Uncommon/local.

889) *Telicota colon* (Fabricius, 1775)

PALE DARTER/COMMON PALM DART

Plate 130

Subspecies and distribution:

(i) *vaja* Corbet, 1942 – Balabac, Basilan, Bohol, Cebu, Homonhon, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Negros, Palawan, Samar, Sibuyan.

Recorded hostplants: POACEAE: *Miscanthus sinensis*, *Pennisetum glaucum* (Pearl Millet), *Setaria palmifolia*, *Zizania latifolia* (Manchurian Wild Rice).

Uncommon/local.

890) *Telicota augias* (Linnaeus, 1763)

PALE PALM DART

Plate 131

Subspecies and distribution:

(i) *augias* (Linnaeus, 1763) – Palawan.

(ii) *pythias* (Mabille, 1878) – Bohol, Camiguin de Mindanao, Camotes, Cebu, Guimaras, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Negros, Panay, Samar, Sibuyan, Tawi-Tawi.

Recorded hostplants: FLAGELLARIACEAE: possibly *Flagellaria indica* (Whip Vine). POACEAE: *Andropogon* sp., *Bambusa* sp. (Bamboo), *Imperata cylindrica* (Blady Grass/Lalang), *Oryza sativa* (Rice), *Saccharum officinarum* (Sugar Cane).

Common. Occurs in Metro Manila. The *Telicota* species are difficult to distinguish; this is the most common. It is found in most rural locations and at times in gardens.

891) *Telicota ancilla* (Herrich-Schäffer, 1869)

DARK PALM DART

Plate 131

Subspecies and distribution:

(i) *minda* Evans, 1934 – Babuyan, Basilan, Cebu, Homonhon, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Negros, Palawan, Panay, Romblon, Samar, Sibuyan, Ticao.

(ii) *santa* Evans, 1934 (listed in Treadaway (1995) but not in de Jong & Treadaway (2007/8)) – Palawan.

Recorded hostplants: ARECACEAE: *Cocos nucifera* (Coconut). POACEAE: *Imperata cylindrica* (Blady Grass/Lalang), *Paspalum urvillei*, *Sorghum halepense* (Johnson Grass).

Uncommon/local.

892) *Telicota ohara* (Plötz, 1883)

DARK DARTER

Not illustrated

Subspecies and distribution:

(i) *jactus* Evans, 1949 – Palawan.

(ii) *janina* Evans, 1949 – Luzon, Mindanao, Mindoro, Palawan, Polillo, [Balabac, Basilan, Homonhon, Leyte, Marinduque, Masbate, Negros, Samar, Sibuyan (Treadaway, 1995)].

Recorded hostplants: POACEAE: *Cynodon dactylon*, *Oryza sativa* (Rice), *Phyllostachys makinoi*, *Setaria palmifolia*.

Uncommon/local.

893) *Telicota hilda* Eliot, 1959

DARK-DUSTED PALM DART

Not illustrated

Subspecies and distribution:

(i) *okadai* Murayama, 1991 – Mapun (formerly Cagayan Sulu).

(ii) *palawana* Murayama & Uehara, 1992 – Palawan.

(iii) *grandis* de Jong & Treadaway, 2007 – Cuyo.

Recorded hostplant: POACEAE: *Schizostachyum grande*.

Very rare.

894) *Cephrenes acalle* (Hopffer, 1874)

PLAIN PALM DART

Plate 131 and 132

Subspecies and distribution:

(i) *kliana* Evans, 1934 – Balabac, Bongao, Mapun (formerly Cagayan Sulu), Palawan, Sanga Sanga, Sibutu, Sitangkai (nr. Sibutu).

(ii) *chrysozona* (Plötz, 1883) – Bohol, Cebu, Camiguin de Mindanao, Camotes, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros, Panay, Polillo, Samar, Sibuyan.

Recorded hostplants: ARECACEAE: *Calamus* sp. (Rattan/Kumabo), *Cocos nucifera* (Coconut), *Livistona* sp..

Common. Occurs in Metro Manila. Habitat-tolerant and found in most rural locations as well as around cities.

895) *Prusiana prusias* (C. Felder, 1861)

Plate 132

Subspecies and distribution:

(i) *matinus* (Fruhstorfer, 1911) – Basilan, Biliran, Bohol, Cebu, Camiguin de Luzon, Camiguin de Mindanao, Camotes, Guimaras, Homonhon, Leyte, Luzon,

Marinduque, Mindanao, Mindoro, Negros, Palawan, Panaon, Panay, Polillo, Sibuyan, Tawi-Tawi.

Common. In similar situations to the last species though not quite as widely distributed.

896) *Parnara bada* (Moore, 1878)

ORIENTAL STRAIGHT SWIFT/GREY SWIFT

Plate 132

Subspecies and distribution:

(i) *borneana* Chiba & Eliot, 1991 – Camiguin de Luzon, Cebu, Homonhon, Leyte, Luzon, Masbate, Mindanao, Mindoro, Palawan, Romblon, Sibuyan, Tawi-Tawi.

Recorded hostplants: ARACEAE: *Colocasia esculenta* (Gab/Taro). POACEAE: *Apluda mutica*, *Bambusa* sp. (Bamboo), *Oryza sativa* (Rice), *Saccharum officinarum* (Sugar Cane), *Zea mays* (Maize).

Uncommon/local.

897) *Parnara kawazoei* Chiba & Eliot, 1991

Plate 132

Distribution: Homonhon, Leyte, Luzon, Mindanao, Mindoro, Negros, Palawan, Panay, Samar, Sibuyan.

Very common. Occurs in Metro Manila. In most grassy habitats. It readily takes nectar from flowers.

898) *Borbo cinnara* (Wallace, 1866)

FORMOSAN SWIFT/RICE SWIFT

Plate 133

Distribution: Balabac, Batan Is., Camiguin de Mindanao, Jolo, Leyte, Lubang, Luzon, Masbate, Mindanao, Mindoro, Negros, Palawan, Panay, Samar, Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: POACEAE: *Apluda mutica*, *Axonopus compressus* (Wide-leaved Carpet Grass/Cow Grass), *Brachiaria mutica* (Para Grass), *Capillipedium* sp., *Centotheca lappacea* (Sefa), *Digitaria* sp., *Eleusine indica*, *Imperata* sp., *Microstegium* sp., *Miscanthus floridulus*, *Oryza sativa* (Rice), *Panicum* sp., *Paspalum conjugatum* (Buffalo Grass/Hilo Grass), *Saccharum officinarum* (Sugar Cane), *Setaria barbata* (Bristly Foxtail Grass), *S. palmifolia*, *Zizania latifolia* (Manchurian Wild Rice).

Very common. Occurs in Metro Manila. In most grassy habitats.

898.1) *Borbo bevani* (Moore, 1878)

BEVAN'S SWIFT

Not illustrated

Distribution: Luzon (Mt. Banahaw).

Rare.

899) *Pelopidas agna* (Moore, 1866)

COMMON SWIFT/BENGAL SWIFT

Plate 133

Subspecies and distribution:

(i) *agna* (Moore, 1866) – Balabac, Basilan, Cebu, Camiguin de Luzon, Homonhon, Jolo, Leyte, Luzon, Masbate, Mindanao, Mindoro, Negros, Palawan, Panaon, Samar, Sibutu, Sibuyan, Tawi-Tawi, Ticao.

Recorded hostplants: POACEAE: *Brachiaria mutica* (Para Grass), *Ischaemum ciliare* (Smut Grass), *Microstegium* sp., *Oryza sativa* (Rice), *Paspalum conjugatum* (Buffalo Grass/Hilo Grass), *P. paniculatum*.

Uncommon/local. *P. agna* is very difficult to distinguish from *P. mathias* and it is likely that some records of *P. mathias* are really *P. agna*.

900) *Pelopidas mathias* (Fabricius, 1798)

SMALL BRANDED SWIFT

Plate 133 and 134

Subspecies and distribution:

(i) *mathias* (Fabricius, 1798) – Bohol, Camiguin de Luzon, Camiguin de Mindanao, Camotes, Cebu, Guimaras, Homonhon, Jolo, Leyte, Luzon, Marinduque, Masbate, Mindoro, Negros, Palawan, Panaon, Panay, Samar, Siasi, Tawi-Tawi.

Recorded hostplants: ARECACEAE: *Caryota urens*, *Livistona chinensis*. POACEAE: *Axonopus compressus* (Wide-leaved Carpet Grass/Cow Grass), *Brachiaria mutica* (Para Grass), *Cymbopogon nardus* (Citronella), *Dinochloa andamanica*, *Ehrharta* sp., *Imperata cylindrica* (Blady Grass/Lalang), *Miscanthus floridulus*, *Oryza sativa* (Rice), *Paspalum conjugatum* (Buffalo Grass/Hilo Grass), *Saccharum officinarum* (Sugar Cane), *Sorghum bicolor* (Sorghum), *Zea mays* (Maize).

Very common. Occurs in Metro Manila. In similar areas to *Parnara kawazoei* and *Borbo cinnara* and often seen together with them; very habitat-tolerant.

901) *Pelopidas conjuncta* (Herrich-Schäffer, 1869)

CONJOINED SWIFT

Plate 134

Subspecies and distribution:

(i) *conjuncta* (Herrich-Schäffer, 1869) (de Jong & Treadaway (1993) gave spelling as *conjunctus*) – Basilan, Batan Is., Bohol, Cebu, Camiguin de Luzon, Camotes, Dinagat, Homonhon, Leyte, Luzon, Marinduque, Masbate, Mindanao, Mindoro, Negros, Palawan, Panaon, Panay, Samar, Sibutu, Sibuyan, Tawi-Tawi.

Recorded hostplants: POACEAE: *Andropogon* sp., *Bambusa* sp. (Bamboo), *Coix lacryma-jobi* (Job's-tears), *Microstegium* sp., *Miscanthus sinensis*, *Oryza sativa* (Rice), *Panicum maximum* (Guinea Grass), *Saccharum officinarum* (Sugar Cane), *Thysanolaena latifolia*, *Zea mays* (Maize).

Common.

902) *Polytremis lubricans* (Herrich-Schäffer, 1869)

OCHRE SWIFT/CONTIGUOUS SWIFT

Plate 134 and 157

Subspecies and distribution:

(i) *lubricans* (Herrich-Schäffer, 1869) – Sanga Sanga, Sibutu, Tawi-Tawi.

Recorded hostplants: POACEAE: *Imperata cylindrica* (Blady Grass/Lalang), *Microstegium geniculatum*, *Miscanthus sinensis*, *Saccharum officinarum* (Sugar Cane).

Rare.

903) *Baoris oceia* (Hewitson, 1868)

PAINTBRUSH SWIFT

Plate 134, 135 and 157

Distribution: Babuyan, Balabac, Basilan, Biliran, Bohol, Calamian, Camiguin de Mindanao, Camotes, Homonhon, Jolo, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Negros, Palawan, Panaon, Panay, Samar, Sanga Sanga, Sibutu, Sibuyan, Tawi-Tawi, Ticao.

Recorded hostplants: POACEAE: *Bambusa* sp. (Bamboo), *Dendrocalamus giganteus*, *Ochlandra talbotii*, *Oryza sativa* (Rice), *Saccharum* sp..

Common. Sometimes seen with the the other familiar dark-brown hesperiids including *Borbo cinnara* and *Pelopidas mathias*.

904) *Caltoris brunnea* (Snellen, 1876)

DARK BRANDED SWIFT

Plate 135

Subspecies and distribution:

(i) *caere* de Nicéville, 1891 – Calamian, Palawan.

Recorded hostplants: POACEAE: *Bambusa* sp. (Bamboo), *Imperata cylindrica* (Blady Grass/Lalang).

Rare.

905) *Caltoris bromus* Leech, 1893

EXTRA-SPOT SWIFT

Plate 135

Subspecies and distribution:

(i) *bromus* Leech, 1893 – Leyte, Masbate, Mindanao, Palawan, Panay, Samar, Sanga Sanga.

Recorded hostplants: POACEAE: *Bambusa* sp. (Bamboo).

Rare.

906) *Caltoris cormasa* (Hewitson, 1876)

FULL-STOP SWIFT

Plate 135

Distribution: Camiguin de Mindanao, Homonhon, Jolo, Leyte, Luzon, Marinduque, Mindanao, Mindoro, Palawan, Samar, Sanga Sanga, Sibutu, Sibuyan, Tawi-Tawi.

Recorded hostplants: POACEAE: *Ischaemum ciliare* (Smut Grass), *Ottochloa nodosa*, *Panicum maximum* (Guinea Grass).

Uncommon/local.

907) *Caltoris philippina* (Herrich-Schäffer, 1869)

PHILIPPINE SWIFT

Plate 135

Subspecies and distribution:

(i) *philippina* (Herrich-Schäffer, 1869) – Balabac, Basilan, Camiguin de Mindanao, Cebu, Leyte, Luzon, Mapun (formerly Cagayan Sulu), Mindanao, Mindoro, Negros, Palawan, Panay, Sibutu, Tawi-Tawi.

Recorded hostplants: ARECACEAE: (unspecified). POACEAE: *Bambusa* spp. including *B. heterostachya* (Malay Dwarf Bamboo), *B. vulgaris* (Common Bamboo), *Oryza sativa* (Rice), *Saccharum* sp..

Uncommon/local.

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Plates

Plate 1



001 *Troides rhadamantus* ♂ (140mm)
Indang, Luzon 7.2000 (P.B.H.)



002 *Troides plateni* ♂ (160mm) Irawan,
Palawan 9.5.2006 (P.C. Lee)



001 *Troides rhadamantus* ♂ (140mm) Mt.
Kitanglad, Mindanao 3.6.2008 (P.C. Lee)



002 *Troides plateni* ♀ (175mm)
Binduyan, Palawan 7.2.1993 (P.B.H.)



001 *Troides rhadamantus* ♀ (165mm) Mt.
Kitanglad, Mindanao 4.6.2008 (P.C. Lee)



002 *Troides plateni* ♀ (175mm)
Binduyan, Palawan 7.2.1993 (P.B.H.)



001 *Troides rhadamantus* ♀ (165mm)
Bohol 25.7.2011 (E.B. Noora)



003 *Troides magellanus* ♂ (145mm)
Tagaytay, Luzon 30.7.2016 (F. Panuculan)

Plate 2



003 *Troides magellanus* ♀ (190mm) Mt. Kitanglad, Mindanao 6.6.2008 (P.C. Lee)



006 *Atrophaneura semperi* (140mm) Mt. Kitanglad, Mindanao 5.6.2008 (P.C. Lee)



004 *Trogonoptera trojana* ♂ (190mm) Palawan (J. van Beijnen)



006 *Atrophaneura semperi* (140mm) Mt. Kitanglad, Mindanao 5.6.2008 (P.C. Lee)



004 *Trogonoptera trojana* ♀ (190mm) Palawan (J. van Beijnen)



007 *Pachliopta neptunus* (110mm) Palawan 6.10.2015 (J. van Beijnen)



005 *Trogonoptera brookiana* (160mm) Tonggo Swamp Forest, Capiz, Panay (J.A. Alaban)



008 *Pachliopta atropos* (105mm) Binduyan, Palawan 7.2.1993 (P.B.H.)

Plate 3



008 *Pachliopta atropos* (105mm) Binduyan, Palawan 7.2.1993 (P.B.H.)



013 *Pachliopta mariae* (125mm) Tinuy-an, Mindanao 25.1.2012 (P.C. Lee)



009 *Pachliopta aristolochiae* (110mm) Batanes 7.2.2015 (A. Constantino)



013 *Pachliopta mariae* (125mm) Tinuy-an, Mindanao 25.1.2012 (P.C. Lee)



010 *Pachliopta kotzebuea* (105mm) Indang, Luzon 21.7.2001 (P.B.H.)



014 *Pachliopta leytensis* (100mm) Bioso, Samar 29.10.1995 (P.B.H.)



011 *Pachliopta antiphus* (105mm) Iwahig, Palawan 3.2.2011 (P.C. Lee)



016 *Chilasa slateri* (90mm) [Thailand] (L. Day)

Plate 4



017 *Chilasa clytia* (115mm) Indang, Luzon
7.2002 (P.B.H.)



023 *Papilio demolion* (105mm) Mt. Salakot,
Palawan 8.5.2006 (P.C. Lee)



022 *Papilio demoleus* (95mm) Los Baños,
Luzon 21.8.2007 (P.B.H.)



025 *Papilio hytaspes* (125mm) Indang,
Luzon 31.7.2001 (P.B.H.)



022 *Papilio demoleus* (95mm) Binangonan,
Luzon 22.8.2007 (P.B.H.)



025 *Papilio hytaspes* (125mm) Baguio,
Luzon 19.7.2015 (L. Alisto)



022 *Papilio demoleus* larva, Indang,
Luzon 2001 (P.B.H.)



025 *Papilio hytaspes* ♀ (130mm) Bislig,
Mindanao 28.1.2012 (P.C. Lee)

Plate 5



026 *Papilio helenus* (130mm) Palawan
(*J. van Beijnen*)



029 *Papilio daedalus* (100mm) Subic,
Luzon 4.10.2011 (*P.C. Lee*)



028 *Papilio karna* (130mm) Palawan
(*J. van Beijnen*)



032 *Papilio polytes* (100mm) no data
(*T. Alperovitz*)



028.1 *Papilio paris* (?) (115mm) Roxas City,
Capiz, Panay 6.9.2015 (*S.D. Alaban*)



033 *Papilio alphenor* ♂ (110mm) Balsahan,
Palawan 6.2.1993 (*P.B.H.*)



029 *Papilio daedalus* (100mm) no data
(*P. Hager*)



033 *Papilio alphenor* ♂ (110mm) Indang,
Luzon 2002 (*P.B.H.*)

Plate 6



033 *Papilio alphenor* ♀ (110mm) Indang, Luzon 10.2.2001 (P.B.H.)



034 *Papilio lowi* ♀ f. *suffusus* (150mm) Iwahig, Palawan 3.2.2011 (P.C. Lee)



034 *Papilio lowi* ♂ (140mm) Binduyan, Palawan 7.2.1993 (P.B.H.)



035 *Papilio rumanzovia* (145mm) Mt. Makiling, Luzon 31.3.2001 (P.B.H.)



034 *Papilio lowi* ♀ (150mm) Binduyan, Palawan 7.2.1993 (P.B.H.)



035 *Papilio rumanzovia* ♂ (145mm) Subic, Luzon 5.10.2011 (P.C. Lee)



034 *Papilio lowi* ♀ f. *zephyria* (150mm) Iwahig, Palawan 3.2.2011 (P.C. Lee)



035 *Papilio rumanzovia* ♀ f. *semperinus* (145mm) Subic, Luzon 2.10.2011 (P.C. Lee)

Plate 7



037 *Papilio memnon* (150mm) Quezon City Butterfly House, Luzon 11.7.1998 (P.B.H.)



042 *Graphium doson* (85mm) ex.Binangonan, Luzon 2002 (P.B.H.)



040 *Graphium sarpedon* (90mm) Palawan (J. van Beijnen)



043 *Graphium eurypylus* (85mm) Bago, Negros 14.9.2015 (R.P. Delos Reyes)



040 *Graphium sarpedon* (90mm) Binangonan, Luzon 11.8.2007 (P.B.H.)



043 *Graphium eurypylus* (85mm) Bago, Negros 1.6.2015 (R.P. Delos Reyes)



042 *Graphium doson* (85mm) ex.Binangonan, Luzon 2002 (P.B.H.)



044 *Graphium arycles* (85mm) [Malaya] 24.5.1993 (P.B.H.)

Plate 8



045 *Graphium bathycles* (85mm) Palawan
(*J. van Beijnen*)



047 *Graphium aristeus* (75mm) Palawan
(*J. de Peralta*)



046 *Graphium agamemnon* (105mm)
ex.Binangonan, Luzon 2002 (*P.B.H.*)



047 *Graphium aristeus* (75mm) [Thailand]
(*L. Day*)



046 *Graphium agamemnon* (105mm)
ex.Binangonan, Luzon 2002 (*P.B.H.*)



048 *Graphium decolor* (85mm) Mambucal,
Negros 9.5.2015 (*L. Alisto*)



046 *Graphium agamemnon* larva
Binangonan, Luzon 19.8.2007 (*P.B.H.*)



048 *Graphium decolor* (85mm) Mt.
Kitanglad, Mindanao 6.6.2008 (*P.C. Lee*)

Plate 9



049 *Graphium euphrates* (85mm) Subic, Luzon 3.10.2011 (P.C. Lee)



054 *Graphium stratocles* (90mm) Quezon City Butterfly House, Luzon 11.7.1998 (P.B.H.)



049 *Graphium euphrates* (85mm) Binangonan, Luzon 1.8.2007 (P.B.H.)



055 *Graphium delessertii* (105mm) Irawan, Palawan 7.2.2011 (P.C. Lee)



051 *Graphium macareus* (90mm) [Thailand] (L. Day)



055 *Graphium delessertii* (105mm) Estrella Falls, Palawan (P.B.H.)



052 *Graphium megaera* (80mm) Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)



057 *Lamproptera curius* (45mm) Palawan (J. van Beijnen)

Plate 10



057 *Lamproptera curius* (45mm) Palawan
(*J. van Beijnen*)



059 *Catopsilia pyranthe* (70mm) Indang,
Luzon 7.2000 (*P.B.H.*)



058 *Lamproptera meges* (45mm)
Binangonan, Luzon 25.12.2001 (*P.B.H.*)



060 *Catopsilia pomona* ♂ (85mm) Nueva
Ecija, Luzon 20.10.2015
(*L. Lahom-Cristobal*)



058 *Lamproptera meges* (45mm) Subic,
Luzon 4.10.2011 (*P.C. Lee*)



060 *Catopsilia pomona* ♀ (85mm) Palawan
(*J. de Peralta*)



059 *Catopsilia pyranthe* (70mm) Nueva
Ecija, Luzon 16.7.2016 (*L. Lahom-Cristobal*)



060 *Catopsilia pomona* (85mm) Subic,
Luzon 31.12.1994 (*P.B.H.*)

Plate 11



060 *Catopsilia pomona* ♂ (85mm) Subic, Luzon 30.12.1994 (P.B.H.)



062 *Gandaca harina* (55mm) Mt. Makiling, Luzon 20.10.2013 (A.A. Talavera)



060 *Catopsilia pomona* ♀ f. *catilla* (85mm) Roxas, Panay 10.7.2016 (L. Alisto)



063 *Eurema brigitta* (40mm) Mt. Kitanglad, Mindanao 4.6.2008 (P.C. Lee)



061 *Catopsilia scylla* (70mm) Cavite City, Luzon 15.8.2016 (L. Sutcliffe)



063 *Eurema brigitta* (40mm) Baguio, Luzon 24.11.2014 (L. Alisto)



061 *Catopsilia scylla* (70mm) Indang, Luzon 8.2000 (P.B.H.)



064 *Eurema laeta* (45mm) Baguio, Luzon 28.12.1994 (P.B.H.)

Plate 12



064 *Eurema laeta* (45mm) Baguio, Luzon
(J.V. Villafuerte-Hafala)



066 *Eurema blanda* (50mm) Mt. Makiling,
Luzon 5.2.1993 (P.B.H.)



065 *Eurema hecabe* (50mm) Mt. Makiling,
Luzon 25.12.1993 (P.B.H.)



067 *Eurema simulatrix* (55mm) Taman
Negara, [Malaya] 26.5.1993 (P.B.H.)



065 *Eurema hecabe* (50mm) Subic, Luzon
3.10.2011 (P.C. Lee)



070 *Eurema sari* (50mm) nr. Kuala Woh,
[Malaya] 31.5.1993 (P.B.H.)



066 *Eurema blanda* (50mm) Baguio, Luzon
28.6.2015 (L. Alisto)



071 *Eurema sarilata* (50mm) Mt. Makiling,
Luzon 30.12.2005 (P.B.H.)

Plate 13



073 *Eurema alitha* (50mm) Bislig, Mindanao 28.1.2012 (P.C. Lee)



076 *Delias baracasa* (65mm) [Malaya] (L. Day)



073 *Eurema alitha* (50mm) Luba, Luzon 6.6.2015 (L. Alisto)



079 *Delias hyparete* (80mm) San Jorge, Samar 8.8.2007 (P.B.H.)



074 *Delias singhapura* (80mm) [Thailand] (L. Day)



081 *Delias blanca* (80mm) Mt. Kitanglad, Mindanao 3.6.2008 (P.C. Lee)



075 *Delias themis* (80mm) Mt. Kitanglad, Mindanao 3.6.2008 (P.C. Lee)



084 *Delias henningia* (80mm) Mt. Kitanglad, Mindanao 3.6.2008 (P.C. Lee)

Plate 14



084 *Delias henningia* (80mm) Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



093 *Pieris canidia* ♂ (55mm) Baguio, Luzon 28.12.1994 (P.B.H.)



092 *Delias diaphana* (90mm) Mindanao 27.4.2012 (L. Gabrielsen)



093 *Pieris canidia* ♀ (55mm) Baguio, Luzon 28.12.1994 (P.B.H.)



092 *Delias diaphana* ♂ (90mm) Mindanao 27.4.2012 (L. Gabrielsen)



093 *Pieris canidia* (55mm) Kalahan, Luzon 23.12.1994 (P.B.H.)



092 *Delias diaphana* ♀ (90mm) Mindanao 23.9.2013 (L. Gabrielsen)



094 *Leptosia nina* (50mm) Tarlac, Luzon 20.12.1993 (P.B.H.)

Plate 15



094 *Leptosia nina* (50mm) Manila Bay, Luzon 2.1.1995 (P.B.H.)



096 *Cepora aspasia* ♀ (65mm) Angat, Luzon 3.1.1994 (P.B.H.)



095 *Cepora boisduvaliana* (65mm) Mt. Makiling, Luzon 5.1.1995 (P.B.H.)



096 *Cepora aspasia* ♂ (65mm) Binangonan, Luzon 3.8.2007 (P.B.H.)



095 *Cepora boisduvaliana* (65mm) Balsahan, Palawan 6.2.1993 (P.B.H.)



096 *Cepora aspasia* ♀ (65mm) Iwahig, Palawan 6.5.2006 (P.C. Lee)



096 *Cepora aspasia* ♂ (65mm) Inampulugan, Guimaras 26.12.1996 (P.B.H.)



096 *Cepora aspasia* (65mm) Irawan, Palawan 9.5.2006 (P.C. Lee)

Plate 16



097 *Appias olferna* ♂ (65mm) Lopez, Negros 28.12.1993 (P.B.H.)



098 *Appias lyncida* ♂ (75mm) Inampulugan, Guimaras 15.12.1996 (P.B.H.)



097 *Appias olferna* ♀ (60mm) Lopez, Negros 28.12.1993 (P.B.H.)



098 *Appias lyncida* ♀ (70mm) Corregidor 31.12.1996 (P.B.H.)



097 *Appias olferna* ♀ (60mm) Indang, Luzon 7.2000 (P.B.H.)



098 *Appias lyncida* ♂ (75mm) Binangonan, Luzon 1.8.2007 (P.B.H.)



097 *Appias olferna* ♂♀ (60/65mm) Manila, Luzon 1.1.1994 (P.B.H.)



098 *Appias lyncida* ♀ (70mm) Binangonan, Luzon 23.8.2007 (P.B.H.)

Plate 17



099 *Appias nero* ♂ (75mm) Salakot, Palawan 4.2.2011 (P.C. Lee)



100 *Appias nephele* (65mm) Subic, Luzon 2.10.2011 (P.C. Lee)



099 *Appias nero* ♀ (75mm) Palawan (J. de Peralta)



101 *Appias indra* ♂ (65mm) Mt. Kitanglad, Mindanao 4.6.2008 (P.C. Lee)



099 *Appias nero* ♂ (75mm) Estrella Falls, Palawan 25.4.1995 (P.B.H.)



101 *Appias indra* ♂ (65mm) Palawan (J. de Peralta)



100 *Appias nephele* (65mm) Subic, Luzon 3.10.2011 (P.C. Lee)



101 *Appias indra* ♀ (65mm) Mt. Kitanglad, Mindanao 5.6.2008 (P.C. Lee)

Plate 18



101 *Appias indra* ♀ (65mm) Mt. Kitanglad, Mindanao 5.6.2008 (P.C. Lee)



105 *Appias albina* (65mm) (plus one *A. nero*) Estrella Falls, Palawan 25.4.1995 (P.B.H.)



102 *Appias phoebe* (70mm) Baguio, Luzon 19.7.2015 (L. Alisto)



105 *Appias albina* ♂ (65mm) Mt. Makiling, Luzon 25.12.1993 (P.B.H.)



103 *Appias paulina* (65mm) Angat, Luzon 3.1.1994 (P.B.H.)



105 *Appias albina* ♀ (65mm) Biñan, Luzon 2.9.2014 (A.A. Talavera)



103 *Appias paulina* (65mm) Mambucal, Negros 22.12.2015 (R.P. Delos Reyes)



108 *Appias aegis* (55mm) Angat, Luzon 3.1.1994 (P.B.H.)

Plate 19



111 *Saletaria panda* ♂ (60mm) Baguio, Luzon 19.9.2014 (R.M. Abellada)



115 *Pareronia boebera* ♂ (80mm) Binangonan, Luzon 3.8.2007 (P.B.H.)



111 *Saletaria panda* ♀ (60mm) Baguio, Luzon 25.4.2014 (R.M. Abellada)



115 *Pareronia boebera* ♀ (80mm) Binangonan, Luzon 25.8.2007 (P.B.H.)



112 *Pareronia valeria* ♂ (80mm) Iwahig, Palawan 6.5.2006 (P.C. Lee)



115 *Pareronia boebera* ♂ (80mm) Binangonan, Luzon 3.8.2007 (P.B.H.)



112 *Pareronia valeria* ♀ (80mm) Balsahan, Palawan 6.2.1993 (P.B.H.)



115 *Pareronia boebera* ♀ (80mm) Bislig, Mindanao (P.C. Lee)

Plate 20



116 *Hebomoia glaucippe* (105mm)
Mindanao (L. Gabrielsen)



119 *Laringa castelnaui* ♀ (60mm)
[Thailand] (L. Day)



116 *Hebomoia glaucippe* (105mm) Puerto
Princesa, Palawan 8.2.1993 (P.B.H.)



120 *Cethosia biblis* (90mm) Binangonan,
Luzon 2.8.2007 (P.B.H.)



117 *Ariadne merione* (55mm) no data
(School of Ecology and Conservation)



120 *Cethosia biblis* (90mm) Boac,
Marinduque (F. Panuculan)



119 *Laringa castelnaui* ♂ (60mm)
[Thailand] (L. Day)



121 *Cethosia hypsea* ♂ (90mm) Mt. Salakot,
Palawan 6.4.2004 (P.C. Lee)

Plate 21



121 *Cethosia hypsea* ♀ (95mm) Palawan
(P.C. Lee)



123 *Cethosia luzonica* (95mm) Bohol
(P. Hager)



121 *Cethosia hypsea* (95mm) Puerto
Princesa, Palawan 8.2.1993 (P.B.H.)



124 *Vindula erota* (95mm) [Sulawesi]
(L. Day)



123 *Cethosia luzonica* ♂ (95mm)
Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



125 *Vindula dejone* ♂ (90mm) Binduyan,
Palawan 7.2.1993 (P.B.H.)



123 *Cethosia luzonica* ♀ (95mm)
Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



125 *Vindula dejone* ♀ (95mm) Subic, Luzon
2.10.2011 (P.C. Lee)

Plate 22



125 *Vindula dejone* ♂ (90mm) Binangonan, Luzon 3.8.2007 (P.B.H.)



126 *Cupha erymanthis* (65mm) Mt. Salakot, Palawan 6.4.2004 (P.C. Lee)



125 *Vindula dejone* ♀ (95mm) Mt. Arayat, Luzon 3.1.1995 (P.B.H.)



127 *Cupha arias* (65mm) Bioso, Samar 3.7.1998 (P.B.H.)



125 *Vindula dejone* larva
Los Baños, Luzon 21.8.2007 (P.B.H.)



128 *Phalanta phalantha* (60mm) Indang, Luzon 2002 (P.B.H.)



126 *Cupha erymanthis* (65mm) Kayasan, Palawan 11.5.2006 (P.C. Lee)



128 *Phalanta phalantha* ♂♀ (60mm)
Quezon City butterfly house, Luzon 11.7.1998 (P.B.H.)

Plate 23



129 *Phalanta alcippe* (55mm) [Thailand]
(L. Day)



131 *Vagrans sinha* (70mm) Baguio, Luzon
(R.M. Abellada)



129 *Phalanta alcippe* (55mm) [Thailand]
(L. Day)



132 *Paduca fasciata* (60mm) Puerto
Princesa, Palawan (J. van Beijnen)



130 *Vagrans egista* (70mm) Mt. Jasah,
[Malaya] 2.6.1993 (P.B.H.)



132 *Paduca fasciata* (60mm) Irawan,
Palawan 5.5.2006 (P.C. Lee)



131 *Vagrans sinha* (70mm) Cinchona,
Mindanao 8.1.2016 (L. Gabrielsen)



133 *Cirrochroa tyche* (75mm) Palawan
(J. van Beijnen)

Plate 24



133 *Cirrochroa tyche* (75mm) Iwahig,
Palawan 6.5.2006 (P.C. Lee)



136 *Terinos clarissa* (85mm) Mt. Salakot,
Palawan 5.4.2004 (P.C. Lee)



134 *Cirrochroa satellita* (65mm) Palawan
(J. de Peralta)



136 *Terinos clarissa* (85mm) Palawan
(J. de Peralta)



135 *Cirrochroa menones* (?) (90mm) Bislig,
Mindanao 23.1.2012 (P.C. Lee)



136 *Terinos clarissa* (85mm) Palawan
(J. de Peralta)



135 *Cirrochroa menones* (90mm) Iligan
City, Mindanao (K. Jollia)



138 *Argyreus hyperbius* ♂ (80mm) Baguio,
Luzon 15.1.2015 (L. Alisto)

Plate 25



138 *Argyreus hyperbius* ♀ (80mm) Baguio, Luzon 24.6.2013 (R.M. Abellada)



140 *Vanessa indica* (60mm) Baguio, Luzon 26.7.2016 (R.M. Abellada)



139 *Vanessa cardui* (65mm) Baguio, Luzon 13.3.2016 (R.M. Abellada)



142 *Kaniska canace* (70mm) Baguio, Luzon 22.1.2014 (J.V. Villafuerte-Hafalla)



139 *Vanessa cardui* (65mm) Baguio, Luzon 13.3.2016 (R.M. Abellada)



143 *Symbrenthia lilaea* (50mm) Baguio, Luzon 19.8.2015 (L. Alisto)



140 *Vanessa indica* (60mm) Baguio, Luzon 19.8.2016 (R.M. Abellada)



144 *Symbrenthia hippoclus* ♂ (55mm) Mt. Makiling, Luzon 5.2.1993 (P.B.H.)

Plate 26



144 *Symbrenthia hippoclus* ♀ (55mm)
Mt. Makiling, Luzon 5.2.1993 (P.B.H.)



145 *Symbrenthia hypselis* ♂ (55mm)
Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)



144 *Symbrenthia hippoclus* ♂ (55mm)
Mt. Makiling, Luzon 5.2.1993 (P.B.H.)



145 *Symbrenthia hypselis* ♀ (55mm)
Palawan (J. van Beijnen)



144 *Symbrenthia hippoclus* ♀ (55mm)
Mambucal, Negros 11.2.1993 (P.B.H.)



145 *Symbrenthia hypselis* (55mm) Kayasan,
Palawan 11.5.2006 (P.C. Lee)



145 *Symbrenthia hypatia* (60mm)
[Thailand] (L. Day)



147 *Junonia iphita* (70mm) Palawan
(J. van Beijnen)

Plate 27



147 *Junonia iphita* (70mm) 10.5.2006
Irawan, Palawan (P.C. Lee)



150 *Junonia almana* (60mm) Binangonan,
Luzon 23.8.2007 (P.B.H.)



148 *Junonia hedonia* (70mm) Indang,
Luzon 7.2000 (P.B.H.)



150 *Junonia almana* (60mm) Balabag,
Boracay 21.10.1995 (P.B.H.)



148 *Junonia hedonia* (70mm) Sibuyan
11.8.2011 (P.B.H.)



150 *Junonia almana* (60mm) Mt. Arayat,
Luzon 3.1.1995 (P.B.H.)



149 *Junonia atlites* (70mm) Quezon City,
Luzon 27.12.2001 (P.B.H.)



151 *Junonia lemonias* (60mm) Binangonan,
Luzon 24.8.2007 (P.B.H.)

Plate 28



151 *Junonia lemonias* (60mm) Binangonan, Luzon, 1.8.2007 (P.B.H.)



153 *Rhinopalpa polynice* (80mm) Subic, Luzon 3.10.2011 (P.C. Lee)



152 *Junonia orithya* ♂ (50mm) Tacloban, Leyte 3.11.1995 (P.B.H.)



153 *Rhinopalpa polynice* (80mm) Subic, Luzon 3.10.2011 (P.C. Lee)



152 *Junonia orithya* ♀ (50mm) Binangonan, Luzon 3.8.2007 (P.B.H.)



154 *Yoma sabina* (80mm) Gabaldon, Luzon 19.3.2015 (L. Lahom-Cristobal)



152 *Junonia orithya* (50mm) Binangonan, Luzon 12.8.2007 (P.B.H.)



154 *Yoma sabina* (80mm) Baguio, Luzon 19.6.2014 (R.M. Abellada)

Plate 29



155 *Hypolimnas anomala* (95mm) Manila, Luzon 6.10.1995 (P.B.H.)



156 *Hypolimnas misippus* ♀ (85mm) Danao, Negros 30.12.1993 (P.B.H.)



155 *Hypolimnas anomala* (95mm) Iwahig, Palawan 3.2.2011 (P.C. Lee)



157 *Hypolimnas bolina* ♂ (95mm) Indang, Luzon 7.2000 (P.B.H.)



155 *Hypolimnas anomala* (95mm) Bislig, Mindanao 23.1.2012 (P.C. Lee)



157 *Hypolimnas bolina* ♀ (105mm) Binangonan, Luzon 31.7.2007 (P.B.H.)



156 *Hypolimnas misippus* ♂ (80mm) Quezon City butterfly house, Luzon 11.7.1998 (P.B.H.)



157 *Hypolimnas bolina* (105mm) Binangonan, Luzon 31.7.2007 (P.B.H.)

Plate 30



158 *Doleschallia bisaltide* (85mm)
Binangonan, Luzon 3.8.2007 (P.B.H.)



160 *Cyrestis maenalis* (60mm) Indang,
Luzon 3.2001 (P.B.H.)



158 *Doleschallia bisaltide* (85mm)
Binangonan, Luzon 1.8.2007 (P.B.H.)



160 *Cyrestis maenalis* (60mm) Irawan,
Palawan 5.5.2006 (P.C. Lee)



158 *Doleschallia bisaltide* (85mm)
Binangonan, Luzon 2.8.2007 (P.B.H.)



160 *Cyrestis maenalis* (60mm) Irawan,
Palawan 7.5.2006 (P.C. Lee)



159 *Cyrestis cassander* (65mm) Palawan
(J. van Beijnen)



161 *Cyrestis kudrati* (55mm) Mindanao
(L. Gabrielsen)

Plate 31



162 *Cyrestis nivea* (60mm) Kayasan, Palawan 11.5.2006 (P.C. Lee)



165 *Chersonesia intermedia* (45mm) [Thailand] (L. Day)



163 *Chersonesia rahria* ♂ (45mm) Balsahan, Palawan 6.2.1993 (P.B.H.)



167 *Pandita sinope* (60mm) Mt. Salakot, Palawan 6.4.2004 (P.C. Lee)



163 *Chersonesia rahria* ♀ (45mm) Irawan, Palawan 7.5.2006 (P.C. Lee)



169 *Moduza procris* ♂ (65mm) Irawan, Palawan 5.5.2006 (P.C. Lee)



164 *Chersonesia peraka* (40mm) [Thailand] (L. Day)



169 *Moduza procris* ♀ (75mm) Palawan (J. van Beijnen)

Plate 32



170 *Moduza mata* (70mm) Roxas City, Panay 17.7.2013 (J.A. & S. Alaban)



172 *Moduza pintuyana* (85mm) Enchanted River, Mindanao 26.1.2012 (P.C. Lee)



170 *Moduza mata* (70mm) Roxas City, Capiz, Panay 7.7.2015 (J.A. Alaban)



172 *Moduza pintuyana* (85mm) Enchanted River, Mindanao 26.1.2012 (P.C. Lee)



171 *Moduza urdaneta* (80mm) Subic, Luzon 4.10.2011 (P.C. Lee)



173 *Moduza nuydai* (80mm) Sagada, Luzon 15.10.2016 (C. Burlace)



171 *Moduza urdaneta* (80mm) Subic, Luzon 5.10.2011 (P.C. Lee)



175 *Athyma pravara* ♂♀ (55mm) [Sarawak] (B. Dupont)

Plate 33



176 *Athyma salvini* (55mm) Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)



182 *Athyma kasa* (70mm) Subic, Luzon 2.10.2011 (P.C. Lee)



180 *Athyma maenas* (70mm) Bislig, Mindanao 28.1.2012 (P.C. Lee)



184 *Athyma godmani* ♂ (70mm) Irawan, Palawan 5.5.2006 (P.C. Lee)



181 *Athyma speciosa* (70mm) Napsan village, Palawan 7.4.2004 (P.C. Lee)



184 *Athyma godmani* ♀ (75mm) Irawan, Palawan 5.5.2006 (P.C. Lee)



182 *Athyma kasa* (70mm) Mindanao 23.12.2012 (B. Powell)



184 *Athyma godmani* (70mm) Irawan, Palawan 5.5.2006 (P.C. Lee)

Plate 34



187 *Athyma asura* (75mm) no data
(‘the Wild Child’)



192 *Athyma selenophora* (70mm), nr. Kuala
Woh, [Malaya] 30.5.1993 (P.B.H.)



190 *Athyma perius* (70mm) no data
(P. Quilter)



195 *Tarratia gutama* (65mm) Mt. Salakot,
Palawan 5.4.2004 (P.C. Lee)



191 *Athyma nefte* ♂ (70mm) nr. Kuala Woh,
[Malaya] 30.5.1993 (P.B.H.)



195 *Tarratia gutama* (65mm) Baguio, Luzon
28.8.2015 (L. Alisto)



191 *Athyma nefte* ♀ (70mm) no data
(M. Darlow)



196 *Tarratia cosmia* (65mm) Dalwangan,
Mindanao 16.9.2013 (L. Gabrielsen)

Plate 35



197 *Lebadea martha* (70mm) Irawan,
Palawan 9.5.2006 (P.C. Lee)



199 *Tanaecia calliphorus* (85mm)
San Pablo, Luzon 5.11.2015 (T. Asuncion)



197 *Lebadea martha* (70mm) Mt. Salakot,
Palawan 5.4.2004 (P.C. Lee)



199 *Tanaecia calliphorus* (85mm)
Mt. Makiling, Luzon 31.3.2001 (P.B.H.)



198 *Parthenos sylvia* (100mm) Salakot,
Palawan 4.2.2011 (P.C. Lee)



202 *Tanaecia lupina* (90mm)
Mt. Guiting-guiting, Sibuyan 15.8.2011
(P.B.H.)



198 *Parthenos sylvia* (100mm) Los Baños,
Luzon 21.8.2007 (P.B.H.)



202 *Tanaecia lupina* (90mm)
Mt. Guiting-guiting, Sibuyan 15.8.2011
(P.B.H.)

Plate 36



202 *Tanaecia lupina* (90mm) Mambucal, Negros 16.1.2016 (R.P. Delos Reyes)



204 *Tanaecia aruna* (75mm) Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)



203 *Tanaecia leucotaenia* (90mm) no data (P. Hager)



205 *Cynitia cocytina* ♂ (70mm) [Singapore] (L. Day)



203 *Tanaecia leucotaenia* (90mm) Bislig, Mindanao 24.1.2012 (P.C. Lee)



205 *Cynitia cocytina* ♀ (70mm) [Singapore] (L. Day)



204 *Tanaecia aruna* (75mm) Irawan, Palawan 10.5.2006 (P.C. Lee)



207 *Cynitia godartii* ♂ (70mm) [Thailand] (L. Day)

Plate 37



207 *Cynitia godartii* ♀ (80mm) [Thailand]
(L. Day)



210 *Euthalia tanagra* (70mm) Kayasan,
Palawan 11.5.2006 (P.C. Lee)



209 *Euthalia monina* ♂ (65mm) Palawan
(J. de Peralta)



211 *Euthalia aconthea* ♂ (70mm) Puerto
Princesa, Palawan 27.7.2016 (L. Alisto)



209 *Euthalia monina* ♀ (75mm) nr. Kuala
Woh, [Malaya] 31.5.1993 (P.B.H.)



211 *Euthalia aconthea* ♀ (80mm) Irawan,
Palawan 10.5.2006 (P.C. Lee)



209 *Euthalia monina* (65mm) nr. Kuala
Woh, [Malaya] 30.5.1993 (P.B.H.)



211 *Euthalia aconthea* ♀ (80mm) Irawan,
Palawan 10.5.2006 (P.C. Lee)

Plate 38



212 *Euthalia alpheda* (85mm) Santa Fe, Luzon (D. Allen)



217 *Euthalia lubentina* (70mm) Sta. Lucia, Ilocos Sur, Luzon 22.10.2016 (A.E. Halabaso)



212 *Euthalia alpheda* (85mm) Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)



218 *Euthalia djata* (75mm) Irawan, Palawan 10.5.2006 (P.C. Lee)



213 *Euthalia lusiada* (80mm) Bagamanoc, Catanduanes 9.10.2016 (A.A. Talavera)



219 *Euthalia adonia* ♀ (80mm) [Thailand] (L. Day)



217 *Euthalia lubentina* (70mm) Sta. Lucia, Ilocos Sur, Luzon 22.10.2016 (A.E. Halabaso)



219 *Euthalia adonia* ♂ (65mm) [Thailand] (L. Day)

Plate 39



220 *Bassarona piratica* (80mm) Subic, Luzon 2.10.2011 (P.C. Lee)



222 *Bassarona teuta* (95mm) Irawan, Palawan 5.5.2006 (P.C. Lee)



220 *Bassarona piratica* (80mm) Subic, Luzon 2.10.2011 (P.C. Lee)



223 *Dophla evelina* (95mm) Palawan (J. van Beijnen)



221 *Bassarona dunya* (100mm) Kayasan, Palawan 11.5.2006 (P.C. Lee)



223 *Dophla evelina* (95mm) Subic, Luzon 5.10.2011 (P.C. Lee)



222 *Bassarona teuta* (95mm) Irawan, Palawan 5.5.2006 (P.C. Lee)



225 *Lexias damalis* (85mm) Santa Fe, Nueva Vizcaya, Luzon (D. Allen)

Plate 40



225 *Lexias damalis* (85mm) Santa Fe,
Nueva Vizcaya, Luzon (*D. Allen*)



227 *Lexias dirtea* ♀ (115mm) [India]
(*R. Natu*)



226 *Lexias pardalis* ♂ (95mm) Palawan
(*J. van Beijnen*)



229 *Lexias satrapes* (100mm) Pagudpud,
Ilocos Norte, Luzon 9.4.2014 (*A. Kang*)



226 *Lexias pardalis* ♀ (110mm) Kayasan,
Palawan 11.5.2006 (*P.C. Lee*)



229 *Lexias satrapes* (100mm) Mt. Kitanglad,
Mindanao 5.6.2008 (*P.C. Lee*)



226 *Lexias pardalis* ♀ (110mm) Kayasan,
Palawan 11.5.2006 (*P.C. Lee*)



229 *Lexias satrapes* ♂ (100mm) Mt.
Kitanglad, Mindanao 5.6.2008 (*P.C. Lee*)

Plate 41



230 *Lexias panopus* ♂ (85mm)
Mt. Kitanglad, Mindanao 3.6.2008 (P.C. Lee)



231 *Pantoporia hordonia* ♂ (50mm) Irawan,
Palawan 5.5.2006 (P.C. Lee)



230 *Lexias panopus* ♀ (95mm) Bislig,
Mindanao 28.1.2012 (P.C. Lee)



231 *Pantoporia hordonia* ♀ (50mm) Irawan,
Palawan 7.5.2006 (P.C. Lee)



230 *Lexias panopus* ♂ (85mm)
Mt. Kitanglad, Mindanao 3.6.2008 (P.C. Lee)



231 *Pantoporia hordonia* (50mm) Irawan,
Palawan 7.2.2011 (P.C. Lee)



230 *Lexias panopus* ♀ (95mm) Bislig,
Mindanao 28.1.2012 (P.C. Lee)



233 *Pantoporia paraka* (45mm) Irawan,
Palawan 10.5.2006 (P.C. Lee)

Plate 42



233 *Pantoporia paraka* (45mm) Irawan, Palawan 10.5.2006 (P.C. Lee)



235 *Pantoporia cyrilla* (50mm) Hilawan, Catanduanes 3.11.2016 (E. Mendez)



234 *Pantoporia dama* (45mm) Indang, Luzon 2.2001 (P.B.H.)



237 *Lasippa bella* (50mm) Puerto Princesa, Palawan (J. van Beijnen)



234 *Pantoporia dama* (45mm) Santa Fe, Nueva Vizcaya, Luzon 4.2.1993 (P.B.H.)



239 *Lasippa illigerella* (55mm) Palawan (J. van Beijnen)



235 *Pantoporia cyrilla* (50mm) Hilawan, Catanduanes 3.11.2016 (E. Mendez)



240 *Lasippa illigera* (55mm) Binangonan, Luzon 19.8.2007 (P.B.H.)

Plate 43



240 *Lasippa illigera* (55mm) Subic, Luzon
3.10.2011 (P.C. Lee)



246 *Neptis cymela* (65mm) Mindanao
(L. Gabrielsen)



241 *Lasippa ebusa* (60mm) Tinuy-an,
Mindanao 25.1.2012 (P.C. Lee)



249 *Neptis clinia* (55mm) Iwahig, Palawan
6.5.2006 (P.C. Lee)



244 *Neptis hylas* (60mm) Baga, Goa,
[India] 13.11.1991 (P.B.H.)



249 *Neptis clinia* (55mm) Iwahig, Palawan
6.5.2006 (P.C. Lee)



245 *Neptis duryodana* (60mm) [Sarawak]
(B. Dupont)



250 *Neptis mindorana* (60mm) Binangonan,
Luzon 11.8.2007 (P.B.H.)

Plate 44



250 *Neptis mindorana* (60mm) Binangonan, Luzon 11.8.2007 (P.B.H.)



256 *Phaedyma columella* (75mm) Mambucal, Negros 11.2.1993 (P.B.H.)



253 *Neptis omeroda* (65mm) [Thailand] (L. Day)



257 *Dichorragia nesimachus* (80mm) Palawan (J. van Beijnen)



256 *Phaedyma columella* (75mm) (L) and 182 *Athyma kasa* (70mm) (R) Subic, Luzon 2.10.2011 (P.C. Lee)



258 *Rohana parisatis* ♀ (50mm) no data ('Apatwardhan')



256 *Phaedyma columella* (75mm) (L) and 182 *Athyma kasa* (70mm) (R) Subic, Luzon 2.10.2011 (P.C. Lee)



259 *Rohana rhea* ♂ (55mm) Santa Fe, Nueva Vizcaya, Luzon (D. Allen)

Plate 45



259 *Rohana rhea* ♀ (55mm) Subic, Luzon
4.10.2011 (P.C. Lee)



264 *Polyura athamas* (75mm) Palawan
(J. van Beijnen)



259 *Rohana rhea* ♀ (55mm) Subic, Luzon
2.10.2011 (P.C. Lee)



264 *Polyura athamas* (75mm) Mindanao
2015 (L. Gabrielsen)



263 *Euripus nyctelius* (75mm) [Thailand]
(L. Day)



266 *Polyura delphis* (105mm) [Malaya]
(L. Day)



263 *Euripus nyctelius* (75mm) Los Baños,
Luzon 7.3.2015 (A.A. Talavera)



266 *Polyura delphis* (105mm) [Malaya]
(L. Day)

Plate 46



267 *Polyura schreiber* (95mm) Palawan
12.2016 (*J. de Peralta*)



270 *Charaxes amycus* (80mm) Kapangan,
Luzon 12.11.2015 (*B.T. Presco*)



268 *Charaxes solon* (80mm) Santa Cruz,
Laguna, Luzon (*R.L. Arandia*)



274 *Charaxes bupalus* (100mm) Iwahig,
Palawan 6.5.2006 (*P.C. Lee*)



268 *Charaxes solon* (80mm) Roxas City,
Panay (*J. Alaban*)



275 *Charaxes harmodius* (100mm) Iwahig,
Palawan 6.5.2006 (*P.C. Lee*)



269 *Charaxes bajula* (100mm) Viga,
Catanduanes 18.8.2016 (*E. Mendez*)



276 *Prothoe franck* (90mm) [Thailand]
(*L. Day*)

Plate 47



279 *Agatasa calydonia* (similar to Philippine *A. chrysodonia*) (110mm) [Malaya] (*E. Silversmith*)



280 *Faunis phaon* (75mm) 25.1.2012 Tinuy-an, Mindanao (*P.C. Lee*)



280 *Faunis phaon* (75mm) Subic, Luzon 4.10.2011 (*P.C. Lee*)



280 *Faunis phaon* (75mm) Mt. Makiling, Luzon 30.12.2005 (*P.B.H.*)



280 *Faunis phaon* (75mm) Mindanao (*L. Gabrielsen*)



280 *Faunis phaon* (75mm) Mt. Kitanglad, Mindanao 6.6.2008 (*P.C. Lee*)



280 *Faunis phaon* (75mm) Mt. Canlaon, Negros 11.4.2004 (*P.C. Lee*)



281 *Faunis stomphax* ♂ (70mm) Batak village, Palawan 5.2.2011 (*P.C. Lee*)

Plate 48



281 *Faunis stomphax* (70mm) Palawan
(*J. van Beijnen*)



283 *Taenaris horsfieldi* (80mm) Irawan,
Palawan 7.5.2006 (*P.C. Lee*)



281 *Faunis stomphax* (70mm) Salakot,
Palawan 4.2.2011 (*P.C. Lee*)



284 *Discophora sondaica* (90mm) [Taiwan]
(*'Peellden'*)



281 *Faunis stomphax* (70mm) Mt. Kitanglad,
Mindanao 5.6.2008 (*P.C. Lee*)



288 *Discophora ogina* (95mm) Subic,
Luzon 4.10.2011 (*P.C. Lee*)



283 *Taenaris horsfieldi* (80mm) Puerto
Princesa, Palawan (*J. van Beijnen*)



288 *Discophora ogina* (95mm) Binangonan,
Luzon 22.12.2005 (*P.B.H.*)

Plate 49



289 *Discophora dodong* (105mm)
Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



294 *Zeuxidia amethystus* (110mm)
Palawan (J. de Peralta)



290 *Amathusia phidippus* (120mm) Balabag,
Boracay 21.10.1995 (P.B.H.)



295 *Melanitis leda* (80mm) Baguio, Luzon
25.2.2015 (R.M. Abellada)



291 *Amathuxidia amythaon* (130mm)
[Malaya] (L. Day)



295 *Melanitis leda* (80mm) Balabag,
Boracay 20.10.1995 (P.B.H.)



293 *Zeuxidia sibulana* (115mm) Iwahig,
Palawan 3.2.2011 (P.C. Lee)



295 *Melanitis leda* (80mm) Binangonan,
Luzon 19.8.2007 (P.B.H.)

Plate 50



296 *Melanitis atrax* (85mm) Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



302 *Elymnias panthera* (80mm) [Sulawesi] (A.S. Kono)



297 *Melanitis zitenius* (90mm) [Thailand] (A. Giudici)



303 *Elymnias parce* (80mm) Palawan (J. de Peralta)



299 *Melanitis phedima* (85mm) no data ('Vinayaraj')



303 *Elymnias parce* (80mm) Palawan (J. van Beijnen)



300 *Elymnias nesaea* (85mm) [Thailand] (L. Day)



307 *Elymnias melias* (90mm) Mt. Makiling, Luzon 28.12.2015 (A.A. Talavera)

Plate 51



313 *Neorina lowii* (120mm) Palawan
(*J. van Beijnen*)



315 *Zethera pimplea* ♀ (85mm) Angat,
Luzon 3.1.1994 (*P.B.H.*)



313 *Neorina lowii* (120mm) Kayasan,
Palawan 11.5.2006 (*P.C. Lee*)



315 *Zethera pimplea* ♂ (85mm) Angat,
Luzon 3.1.1994 (*P.B.H.*)



315 *Zethera pimplea* ♂ (85mm) Subic,
Luzon 4.10.2011 (*P.C. Lee*)



315 *Zethera pimplea* ♀ (85mm) Subic,
Luzon 4.10.2011 (*P.C. Lee*)



315 *Zethera pimplea* ♀ (85mm) no data
(*P.C. Lee*)



315 *Zethera pimplea* (85mm) and 320 *Lethe
chandica* (75mm) Subic, Luzon 3.10.2011
(*P.C. Lee*)

Plate 52



316 *Zethera musa* (90mm) Bukidnon, Mindanao 16.10.2016 (B. Mabanta)



317 *Zethera musides* ♀ (90mm) Mambucal, Negros 27.12.1996 (P.B.H.)



316 *Zethera musa* (90mm) Bukidnon, Mindanao 16.10.2016 (B. Mabanta)



318 *Zethera thermaea* (85mm) Bohol 6.7.1998 (P.B.H.)



317 *Zethera musides* ♂ (90mm) Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



320 *Lethe europa* (75mm) Inampulugan, Guimaras 25.12.1996 (P.B.H.)



317 *Zethera musides* (90mm) Mambucal, Negros 11.2.1993 (P.B.H.)



321 *Lethe chandica* (75mm) Baguio, Luzon 4.10.2014 (L. Alisto)

Plate 53



321 *Lethe chandica* (75mm) Mindanao
(L. Gabrielsen)



323 *Ptychandra lorquinii* ♂ (55mm) Indang,
Luzon 29.9.2001 (P.B.H.)



321 *Lethe chandica* (75mm) Irawan,
Palawan 7.2.2011 (P.C. Lee)



323 *Ptychandra lorquinii* ♂ (55mm) Subic,
Luzon 3.10.2011 (P.C. Lee)



321 *Lethe chandica* (75mm) Mt. Salakot,
Palawan 8.5.2006 (P.C. Lee)



323 *Ptychandra lorquinii* ♀ (55mm) Subic,
Luzon 3.10.2011 (P.C. Lee)



322 *Lethe mekara* (75mm) [Thailand]
(L. Day)



327 *Ptychandra leucogyne* (?) (60mm)
Baguio, Luzon 10.1.2015 (L. Alisto)

Plate 54



328 *Ptychandra negrosensis* (55mm)
Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



330 *Mycalesis ita* (40mm) Angat, Luzon
1.2.1993 (P.B.H.)



329 *Orsotriaena medus* (55mm) Port Barton,
Palawan 6.2.2011 (P.C. Lee)



330 *Mycalesis ita* (40mm) Mt. Kitanglad,
Mindanao 5.6.2008 (P.C. Lee)



329 *Orsotriaena medus* (55mm)
Inampulagan, Guimaras 25.12.1996 (P.B.H.)



333 *Mycalesis felderi* (50mm) San Jorge,
Samar 8.8.2007 (P.B.H.)



330 *Mycalesis ita* (40mm) Subic, Luzon
2.10.2011 (P.C. Lee)



333 *Mycalesis felderi* (50mm) Mt. Kitanglad,
Mindanao 4.6.2008 (P.C. Lee)

Plate 55



335 *Mycalesis teatus* (40mm) Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



337 *Mycalesis tagala* (65mm) Mt. Makiling, Luzon 30.12.2005 (P.B.H.)



336 *Mycalesis treadawayi* (55mm) Mt. Kitanglad, Mindanao 20.4.2012 (L. Gabrielsen)



337 *Mycalesis tagala* (65mm) Angat, Luzon 3.1.1994 (P.B.H.)



336 *Mycalesis treadawayi* (55mm) Mt. Kitanglad, Mindanao 20.4.2012 (L. Gabrielsen)



337 *Mycalesis tagala* (65mm) and 343 *M. igoleta* (50mm) Subic, Luzon 2.10.2011 (P.C. Lee)



337 *Mycalesis tagala* (65mm) Irawan, Palawan 9.5.2006 (P.C. Lee)



338 *Mycalesis bisaya* (60mm) Baguio, Luzon 2016 (L. Alisto)

Plate 56



338 *Mycalesis bisaya* (60mm) Baguio, Luzon 2016 (L. Alisto)



340 *Mycalesis perseus* (55mm) Subic, Luzon 2.10.2011 (P.C. Lee)



339 *Mycalesis janardana* (50mm), nr. Kuala Woh, [Malaya] 30.5.1993 (P.B.H.)



340 *Mycalesis perseus* (55mm) Mt. Kitanglad, Mindanao 4.6.2008 (P.C. Lee)



340 *Mycalesis perseus* (55mm) Pasay, Luzon 20.12.1993 (P.B.H.)



341 *Mycalesis mineus* (?) (55mm) Subic, Luzon 5.10.2011 (P.C. Lee)



340 *Mycalesis perseus* (55mm) Angat, Luzon 3.1.1994 (P.B.H.)



341 *Mycalesis mineus* (55mm) Lopez, Negros 28.12.1993 (P.B.H.)

Plate 57



341 *Mycalesis mineus* (55mm)
Mt. Kitanglad, Mindanao 4.6.2008
(P.C. Lee)



343 *Mycalesis igoleta* (50mm) Cabay,
Luzon 24.7.2001 (P.B.H.)



341 *Mycalesis mineus* (55mm) Iwahig,
Palawan 3.2.2011 (P.C. Lee)



343 *Mycalesis igoleta* (50mm)
Mt. Banahaw, Luzon 27.6.1998 (P.B.H.)



341 *Mycalesis mineus* (55mm) Angat,
Luzon 3.1.1994 (P.B.H.)



343 *Mycalesis igoleta* (50mm) Mt. Canlaon,
Negros 11.4.2004 (P.C. Lee)



342 *Mycalesis horsfieldi* (55mm)
[Sulawesi] (A.S. Kono)



346 *Mycalesis orseis* (55mm) Iwahig,
Palawan 3.2.2011 (P.C. Lee)

Plate 58



347 *Mycalesis aramis* (50mm) Baguio, Luzon 28.12.1994 (P.B.H.)



354 *Ragadia melindena* (50mm) Mt. Kitanglad, Mindanao 4.6.2008 (P.C. Lee)



348 *Erites argentina* (55mm) Irawan, Palawan 7.2.2011 (P.C. Lee)



355 *Acrophthalmia artemis* (40mm) Mt. Makiling, Luzon 31.3.2001 (P.B.H.)



349 *Ragadia luzonia* (50mm) Mt. Makiling, Luzon 5.1.1995 (P.B.H.)



356 *Acrophthalmia leto* (40mm) Tinuy-an, Mindanao 25.1.2012 (P.C. Lee)



352 *Ragadia tsukadai* (50mm) Puerto Princesa, Palawan (J. van Beijnen)



356 *Acrophthalmia leto* (40mm) Tinuy-an, Mindanao 25.1.2012 (P.C. Lee)

Plate 59



357 *Acrophthalmia yamashitai* (40mm)
Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



361 *Ypthima stelleri* (45mm) Sibuyan
13.8.2011 (P.B.H.)



360 *Ypthima baldus* (45mm) Bondla, Goa,
[India] 15.1.1991 (P.B.H.)



363 *Ypthima sempera* (50mm) Indang,
Luzon 3.3.2001 (P.B.H.)



361 *Ypthima stelleri* (45mm) Puerto Galera,
Mindoro 22.12.1993 (P.B.H.)



363 *Ypthima sempera* (50mm) Port Barton,
Palawan 6.2.2011 (P.C. Lee)



361 *Ypthima stelleri* (45mm) Indang,
Luzon 7.2000 (P.B.H.)



363 *Ypthima sempera* (50mm) Angat,
Luzon 1.2.1993 (P.B.H.)

Plate 60



363 *Ypthima sempera* (50mm) Bohol
6.7.1998 (P.B.H.)



366 *Parantica vitrina* (75mm) Los Baños,
Luzon 5.2.1993 (P.B.H.)



365 *Parantica aspasia* (90mm) Port Barton,
Palawan 6.2.2011 (P.C. Lee)



366 *Parantica vitrina* (75mm) Binangonan,
Luzon 3.8.2007 (P.B.H.)



365 *Parantica aspasia* (90mm) Kiao,
Palawan 5.4.2004 (P.C. Lee)



367 *Parantica phyle* (80mm) Baguio, Luzon
(L. Alisto)



366 *Parantica vitrina* (75mm) Mt. Canlaon,
Negros 11.4.2004 (P.C. Lee)



369 *Parantica luzonensis* (90mm)
Mt. Kitanglad, Mindanao 20.4.2012
(L. Gabrielsen)

Plate 61



369 *Parantica luzonensis* (90mm)
Mt. Makiling, Luzon 31.3.2001 (P.B.H.)



375 *Ideopsis vulgaris* (85mm) Kiao,
Palawan 5.4.2004 (P.C. Lee)



369 *Parantica luzonensis* (90mm)
Mt. Makiling, Luzon 31.3.2001 (P.B.H.)



376 *Ideopsis juvenata* (90mm) Indang,
Luzon 7.2000 (P.B.H.)



371 *Parantica sita* (105mm) [Japan]
(A. Kaim)



376 *Ideopsis juvenata* (90mm) Balabag,
Boracay 20.10.1995 (P.B.H.)



371 *Parantica sita* (105mm) Brinchang Hill,
[Malaya] 4.6.1993 (P.B.H.)



377 *Ideopsis gaura* (90mm) Bislig,
Mindanao 27.1.2012 (P.C. Lee)

Plate 62



377 *Ideopsis gaura* (90mm) Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)



378 *Tirumala septentrionis* (100mm) Koovery, [India] (V. Kallore)



377 *Ideopsis gaura* (90mm) Mt. Kitanglad, Mindanao 5.6.2008 (P.C. Lee)



379 *Tirumala hamata* (100mm) [Australia] (J. Tann)



377 *Ideopsis gaura* (90mm) Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)



379 *Tirumala hamata* (100mm) Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



378 *Tirumala septentrionis* (?) (100mm) Roxas City, Capiz, Panay (S.D. Alaban)



380 *Tirumala limniace* (95mm) Angat, Luzon 3.1.1994 (P.B.H.)

Plate 63



380 *Tirumala limniace* (95mm) Binangonan, Luzon 3.8.2007 (P.B.H.)



382 *Danaus chrysippus* ♂♀ (85mm) Los Baños, Luzon 21.8.2007 (P.B.H.)



381 *Tirumala ishmoides* (90mm) Mambucal, Negros 22.12.2015 (R.P. Delos Reyes)



382 *Danaus chrysippus* larva King's Paradise, Palawan 22.4.1995 (P.B.H.)



382 *Danaus chrysippus* (85mm) Puerto Princesa, Palawan 2.1993 (P.B.H.)



383 *Danaus melanippus* (90mm) Irawan, Palawan 10.5.2006 (P.C. Lee)



382 *Danaus chrysippus* (85mm) Balabag, Boracay 21.10.1995 (P.B.H.)



383 *Danaus melanippus* (90mm) Santa Fe, Nueva Vizcaya, Luzon 4.2.1993 (P.B.H.)

Plate 64



383 *Danaus melanippus* (90mm) Sibuyan
12.8.2011 (P.B.H.)



387 *Euploea tobleri* (100mm) Santa Fe,
Nueva Vizcaya, Luzon (D. Allen)



384 *Danaus affinis* (85mm) La Union,
Luzon (J.V. Villafuerte-Hafalla)



388 *Euploea camaralzeman* (120mm)
[Thailand] (L. Day)



385 *Danaus genutia* (95mm) Binduyan,
Palawan 7.2.1993 (P.B.H.)



388 *Euploea camaralzeman* (?) (120mm)
Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)



385 *Danaus genutia* (95mm) Binduyan,
Palawan 7.2.1993 (P.B.H.)



389 *Euploea eindhovii* (?) (90mm) Palawan
(P.C. Lee)

Plate 65



390 *Euploea algea* (110mm) [Sulawesi]
(A. Rahman)



392 *Euploea sylvester* (90mm) [India]
(K. Das)



391 *Euploea swainson* (90mm) Batak
Village, Palawan 5.2.2011 (P.C. Lee)



393 *Euploea multiciber* ♂ (90mm)
Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)



391 *Euploea swainson* (90mm) Binduyan,
Palawan 7.2.1993 (P.B.H.)



393 *Euploea multiciber* ♀ (90mm) Subic,
Luzon 5.10.2011 (P.C. Lee)



391 *Euploea swainson* x 3 (90mm) Batak
Village, Palawan 5.2.2011 (P.C. Lee)



393 *Euploea multiciber* ♂ (90mm) Indang,
Luzon 8.2000 (P.B.H.)

Plate 66



393 *Euploea mulciber* ♂ (90mm) Subic, Luzon 3.10.2011 (P.C. Lee)



394 *Euploea tulliolus* (80mm) Roxas City, Capiz, Panay 6.9.2015 (J.A. & S.D. Alaban)



393 *Euploea mulciber* ♀ (90mm) Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



394 *Euploea tulliolus* (80mm) Irawan, Palawan 10.5.2006 (P.C. Lee)



393 *Euploea mulciber* ♀ (90mm) Indang, Luzon 12.8.2001 (P.B.H.)



394 *Euploea tulliolus* (80mm) Boac, Marinduque 10.7.2015 (F. Panuculan)



394 *Euploea tulliolus* ♂ (80mm) no data (P.C. Lee)



395 *Euploea phaenareta* (?) (140mm) Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)

Plate 67



395 *Euploea phaenareta* [Thailand]
(A. Giudici)



397 *Euploea midamus* (95mm) Palawan
(J. van Beijnen)



396 *Euploea eunice* (110mm) Baguio,
Luzon 14.8.2015 (L. Alisto)



398 *Idea stollii* (155mm) [Sarawak]
(B. Dupont)



397 *Euploea midamus* (95mm)
[Hong Kong] (C. Lam)



400 *Idea leuconoe* (155mm) Iwahig,
Palawan 3.2.2011 (P.C. Lee)



397 *Euploea midamus* (95mm) Iwahig,
Palawan 3.2.2011 (P.C. Lee)



400 *Idea leuconoe* (155mm) Bislig,
Mindanao 24.1.2012 (P.C. Lee)

Plate 68



400 *Idea leuconoe* (155mm) Balabag,
Boracay 20.10.1995 (P.B.H.)



403 *Libythea geoffroy* ♂ (55mm) Palawan
(J. de Peralta)



400 *Idea leuconoe* (155mm) Bislig,
Mindanao 24.1.2012 (P.C. Lee)



403 *Libythea geoffroy* ♀ (55mm) Palawan
(J. de Peralta)



401 *Libythea myrrha* (55mm) nr. Kuala
Woh, [Malaya] 29.5.1993 (P.B.H.)



403 *Libythea geoffroy* (55mm) Mindanao
19.9.2013 (L. Gabrielsen)



402 *Libythea narina* (50mm) Baguio,
Luzon 12.2013 (R.M. Abellada)



403 *Libythea geoffroy* (55mm) Irawan,
Palawan 7.5.2006 (P.C. Lee)

Plate 69



404 *Cyaniriodes libna* (25mm) [Thailand]
(A. Giudici)



408 *Poritia erycinoides* ♂ (40mm)
[Thailand] (L. Day)



406 *Poritia philota* ♂ (30mm) Mindanao
20.9.2013 (L. Gabrielsen)



408 *Poritia erycinoides* ♀ (40mm)
[Thailand] (L. Day)



406 *Poritia philota* ♀ (30mm) [Thailand]
(L. Day)



408 *Poritia erycinoides* (40mm) [Thailand]
(L. Day)



406 *Poritia philota* (30mm) [Thailand]
(L. Day)



409 *Poritia hewitsoni* (40mm) [India]
(A. Datta)

Plate 70



413 *Simiskina phalena* (40mm) [Thailand]
(A. Giudici)



427 *Liphyra brassolis* (80mm) [Thailand]
(L. Day)



414 *Simiskina phalia* (40mm) [Thailand]
(L. Day)



428 *Allotinus fallax* (35mm) Hidden Valley,
Luzon 17.4.2001 (P.B.H.)



421.1 *Deramas livens* (35mm) [Thailand]
(L. Day)



428 *Allotinus fallax* ♂ (35mm)
Mt. Makiling, Luzon 5.2.1993 (P.B.H.)



425 *Deramas treadawayi* (40mm) Mt. Apo,
Mindanao (H. Hayashi)



428 *Allotinus fallax* ♀ (35mm)
Mt. Makiling, Luzon 25.12.1993 (P.B.H.)

Plate 71



429 *Allotinus subviolaceus* ♀ (35mm)
Port Barton, Palawan 6.2.2011 (P.C. Lee)



430 *Allotinus punctatus* ♂ (35mm) Bislig,
Mindanao 24.1.2012 (P.C. Lee)



429 *Allotinus subviolaceus* (35mm) Irawan,
Palawan 7.2.2011 (P.C. Lee)



430 *Allotinus punctatus* ♀ (35mm) Bislig,
Mindanao 24.1.2012 (P.C. Lee)



429 *Allotinus subviolaceus* (35mm)
Port Barton, Palawan 6.2.2011 (P.C. Lee)



431 *Allotinus* sp. (possibly *A. nigrinus* ♂?)
(35mm) Mt. Kitanglad, Mindanao 3.6.2008
(P.C. Lee)



430 *Allotinus punctatus* ♀ (35mm) Bislig,
Mindanao 24.1.2012 (P.C. Lee)



431 *Allotinus* sp. (possibly *A. nigrinus* ♀?)
(35mm) [Mindanao] (L. Gabrielsen)

Plate 72



433 *Allotinus sarrastes* (35mm) [Malaya]
(L. Day)



437 *Allotinus albatrus* (35mm) Mt. Makiling,
Luzon 25.12.1993 (P.B.H.)



434 *Allotinus melos* (?) (35mm) Bislig,
Mindanao 23.1.2012 (P.C. Lee)



439 *Allotinus corbeti* (35mm) [Malaya]
(L. Day)



437 *Allotinus albatrus* (35mm) Baguio,
Luzon 5.11.2015 (L. Alisto)



440 *Allotinus unicolor* (35mm) [Thailand]
(L. Day)



437 *Allotinus albatrus* (35mm) Baguio,
Luzon 8.11.2015 (L. Alisto)



441 *Allotinus nivalis* (35mm) Irawan,
Palawan 10.5.2006 (P.C. Lee)

Plate 73



442 *Allotinus substrigosus* (35mm)
[Thailand] (*L. Day*)



446 *Logania marmorata* (30mm) Bohol
8.2.2016 (*C. Burlace*)



443 *Logania malayica* (30mm) [Thailand]
(*L. Day*)



450 *Miletus symethus* (45mm) [Thailand]
(*L. Day*)



445 *Logania regina* (30mm) [Thailand]
(*L. Day*)



450 *Miletus symethus* (45mm) Mt. Salakot,
Palawan 5.4.2004 (*P.C. Lee*)



446 *Logania marmorata* (30mm) Palawan
1.2.2016 (*J. de Peralta*)



450 *Miletus symethus* (45mm) Salakot,
Palawan 4.2.2011 (*P.C. Lee*)

Plate 74



452 *Miletus melanion* (45mm) Bislig, Mindanao 23.1.2012 (P.C. Lee)



455 *Miletus drucei* (?) (40mm) Inampulugan, Guimaras 24.12.1996 (P.B.H.)



452 *Miletus melanion* (45mm) Mambucal, Negros 10.5.2015 (L. Alisto)



456 *Spalgis epius* (30mm) Sibuyan 11.8.2011 (P.B.H.)



452 *Miletus melanion* (45mm) Dalwangan, Mindanao 3.1.2016 (L. Gabrielsen)



456 *Spalgis epius* (30mm) Indang, Luzon 15.7.2001 (P.B.H.)



455 *Miletus drucei* (40mm) nr. Mt. Makiling, Luzon 7.4.2001 (P.B.H.)



459 *Curetis tagalica* (45mm) Baguio, Luzon 11.6.2016 (L. Alisto)

Plate 75



459 *Curetis tagalica* (45mm) Mt. Arayat, Luzon 3.1.1995 (P.B.H.)



462 *Anthene lycaenina* (30mm) Baguio, Luzon 14.12.2014 (J.V. Villafuerte-Hafalla)



459 *Curetis tagalica* (45mm) Irawan, Palawan 7.5.2006 (P.C. Lee)



463 *Niphanda tessellata* (40mm) no data (Anon)



460 *Anthene emolus* (35mm) Taman Negara, [Malaya] 24.5.1993 (P.B.H.)



465 *Nacaduba sericina* (30mm) Mt. Makiling, Luzon 3.5.2014 (A.A. Talavera)



461 *Anthene licates* (35mm) [Malaya] (L. Day)



467 *Nacaduba pactolus* (35mm) [Thailand] (A. Giudici)

Plate 76



468 *Nacaduba pavana* (30mm) [Thailand]
(L. Day)



470 *Nacaduba sanaya* (?) (35mm) Indang,
Luzon 3.2001 (P.B.H.)



469 *Nacaduba hermus* (30mm) Baguio,
Luzon 25.9.2016 (L. Alisto)



470 *Nacaduba sanaya* (35mm) [Singapore]
(L. Day)



469 *Nacaduba hermus* (30mm) Mt. Makiling,
Luzon 7.3.2015 (A.A. Talavera)



471 *Nacaduba berenice* (35mm) Negros
(R.P. Delos Reyes)



470 *Nacaduba sanaya* (?) (35mm) Indang,
Luzon 2.2001 (P.B.H.)



472 *Nacaduba kurava* (35mm) Mambucal,
Negros 11.2.1993 (P.B.H.)

Plate 77



472 *Nacaduba kurava* (35mm)
Mt. Banahaw, Luzon 27.6.1998 (P.B.H.)



473 *Nacaduba beroe* (30mm) Bislig,
Mindanao 27.1.2012 (P.C. Lee)



472 *Nacaduba kurava* (35mm)
Mt. Makiling, Luzon 4.1.1995 (P.B.H.)



473 *Nacaduba beroe* (30mm) Angat, Luzon
3.1.1994 (P.B.H.)



472 *Nacaduba kurava* (or 473 *N. beroe*?)
(35mm) Bislig, Mindanao 23.1.2012
(P.C. Lee)



473.1 *Nacaduba calauria* (30mm) [Malaya]
(L. Day)



473 *Nacaduba beroe* (30mm) Mt. Arayat,
Luzon 3.1.1995 (P.B.H.)



474 *Nacaduba subperusia* (35mm)
[Thailand] (A. Giudici)

Plate 78



475 *Prosotas aluta* (25mm) [Thailand]
(A. Giudici)



478 *Prosotas nora* (25mm) Indang, Luzon
3.2.2001 (P.B.H.)



477 *Prosotas gracilis* (30mm) [Thailand]
(A. Giudici)



479 *Prosotas dubiosa* (25mm) Bohol
6.7.1998 (P.B.H.)



478 *Prosotas nora* (25mm) Taal Volcano,
Luzon 6.1.1994 (P.B.H.)



479 *Prosotas dubiosa* (25mm) Indang,
Luzon 4.2001 (P.B.H.)



478 *Prosotas nora* (25mm) Sibuyan
11.8.2011 (P.B.H.)



479 *Prosotas dubiosa* (25mm) Mt. Canlaon,
Negros 10.2.1993 (P.B.H.)

Plate 79



481 *Ionolyce helicon* (25mm) Mindanao
20.9.2013 (L. Gabrielsen)



482 *Catopyrops ancyra* (35mm) Balabag,
Boracay 22.10.1995 (P.B.H.)



481 *Ionolyce helicon* (25mm) Mindanao
8.1.2016 (L. Gabrielsen)



483 *Petrelaea dana* (25mm) [India]
(J.M.Garg)



482 *Catopyrops ancyra* ♂ (35mm) Luneta,
Manila, Luzon 27.11.1996 (P.B.H.)



484 *Caleta roxus* (30mm) Mt. Canlaon,
Negros 9.4.2004 (P.C. Lee)



482 *Catopyrops ancyra* ♀ (35mm) Boracay
26.10.1995 (P.B.H.)



484 *Caleta roxus* (30mm) Indang, Luzon
25.7.2001 (P.B.H.)

Plate 80



484 *Caleta roxus* (30mm) Mt. Makiling, Luzon 21.8.2007 (P.B.H.)



489 *Jamides bochus* (30mm) Nueva Ecija, Luzon 18.4.2013 (L. Lahom-Cristobal)



485 *Caleta elna* (30mm) Palawan (J. van Beijnen)



489 *Jamides bochus* (30mm) Iwahig, Palawan 3.2.2011 (P.C. Lee)



486 *Caleta (caleta) argola* (30mm) Bislig, Mindanao 27.1.2012 (P.C. Lee)



490 *Jamides celeno* (35mm) Mt. Canlaon, Negros 9.4.2004 (P.C. Lee)



487 *Discolampa ethion* (30mm) Mindanao 18.9.2013 (L. Gabrielsen)



490 *Jamides celeno* (35mm) Indang, Luzon 16.12.2001 (P.B.H.)

Plate 81



490 *Jamides celeno* (35mm) Mt. Arayat, Luzon 3.1.1995 (P.B.H.)



493 *Jamides elpis* (35mm) [Thailand] (A. Giudici)



491 *Jamides pura* (40mm) [Thailand] (A. Giudici)



494 *Jamides virgulatus* (35mm) [Malaya] 6.6.1993 (P.B.H.)



492 *Jamides philatus* (35mm) Cagayan, Luzon 5.11.2014 (A. Kang)



495.2 *Jamides espada* (35mm) Baguio, Luzon 6.8.2015 (R.M. Abellada)



492 *Jamides philatus* (35mm) Inampulugan, Guimaras 24.12.1996 (P.B.H.)



495.2 *Jamides espada* (35mm) Baguio, Luzon 12.6.2015 (L. Alisto)

Plate 82



497 *Jamides sekii* (35mm) Iwahig, Palawan
6.5.2006 (P.C. Lee)



499 *Jamides cyta* (40mm) [Thailand]
(A. Giudici)



497 *Jamides sekii* (35mm) Irawan, Palawan
7.2.2011 (P.C. Lee)



500 *Jamides cleodus* (35mm) Inampulugan,
Guimaras 26.12.1996 (P.B.H.)



498 *Jamides alecto* (40mm) Bislig,
Mindanao 24.1.2012 (P.C. Lee)



500 *Jamides cleodus* (35mm) Inampulugan,
Guimaras 26.12.1996 (P.B.H.)



498 *Jamides alecto* (40mm) Indang, Luzon
10.2001 (P.B.H.)



501 *Jamides schatzi* (40mm) Baguio, Luzon
5.11.2015 (L. Alisto)

Plate 83



501 *Jamides schatzi* (40mm) Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



502 *Jamides suidas* (35mm) Sibuyan 11.8.2011 (P.B.H.)



501 *Jamides schatzi* (40mm) Mt. Makiling, Luzon 26.12.1993 (P.B.H.)



504 *Jamides callistus* (35mm) Benguet, Luzon 25.1.2015 (B.T. Presco)



502 *Jamides suidas* (35mm) Mt. Makiling, Luzon 24.12.1994 (P.B.H.)



505 *Catochrysops strabo* ♂ (35mm) Sibuyan 11.8.2011 (P.B.H.)



502 *Jamides suidas* (35mm) Mt. Makiling, Luzon 24.12.1994 (P.B.H.)



505 *Catochrysops strabo* ♀ (35mm) Mt. Makulot, Luzon 6.1.1995 (P.B.H.)

Plate 84



505 *Catochrysops strabo* (35mm)
Binangonan, Luzon 29.12.2005 (P.B.H.)



507 *Lampides boeticus* ♂ (35mm) Boracay
24.10.1995 (P.B.H.)



505 *Catochrysops strabo* (35mm) Boracay
3.1.1997 (P.B.H.)



507 *Lampides boeticus* ♀ (35mm) Indang,
Luzon 7.2000 (P.B.H.)



506 *Catochrysops panormus* (35mm)
Irawan, Palawan 7.2.2011 (P.C. Lee)



507 *Lampides boeticus* ♀ (35mm) Indang,
Luzon 10.11.2001 (P.B.H.)



506 *Catochrysops panormus* (35mm)
Mambucal, Negros 10.5.2015
(R.P. Delos Reyes)



508 *Leptotes plinius* (30mm) Binangonan,
Luzon 23.3.2002 (P.B.H.)

Plate 85



509 *Castalius rosimon* (30mm) Taman Negara, [Malaya] 27.5.1993 (P.B.H.)



512 *Pseudozizeeria maha* (30mm) Baguio, Luzon 28.12.1994 (P.B.H.)



511 *Zizeeria karsandra* (25mm) Mehan Gardens, Manila, Luzon 6.10.1995 (P.B.H.)



513 *Zizina otis* ♂ (25mm) Manila Bay, Luzon 17.10.1995 (P.B.H.)



511 *Zizeeria karsandra* (25mm) Sibuyan 16.8.2007 (P.B.H.)



513 *Zizina otis* ♀ (25mm) Pasay, Luzon 17.10.1995 (P.B.H.)



512 *Pseudozizeeria maha* (30mm) Baguio, Luzon 28.12.1994 (P.B.H.)



513 *Zizina otis* (25mm) Pasay, Luzon 4.10.1995 (P.B.H.)

Plate 86



513 *Zizina otis* (aberrant) (25mm) Manila, Luzon 1.1.1994 (P.B.H.)



516 *Everes lacturnus* ♂ (30mm) Inampulugan, Guimaras 25.12.1996



514 *Zizula hylax* (20mm) Binangonan, Luzon 1.8.2007 (P.B.H.)



516 *Everes lacturnus* ♀ (30mm) Mt. Kitanglad, Mindanao 5.6.2008 (P.C. Lee)



514 *Zizula hylax* ♂♀ (20mm) Corregidor 2.1.1994 (P.B.H.)



516 *Everes lacturnus* (30mm) Inampulugan, Negros 24.12.1996 (P.B.H.)



515 *Famegana alsulus* (25mm) [Thailand] (L. Day)



517 *Pithecopis corvus* (25mm) Mt. Makiling, Luzon 31.3.2001 (P.B.H.)

Plate 87



517 *Pithecopis corvus* (25mm)
Mt. Makiling, Luzon 26.12.1993 (P.B.H.)



520 *Megisba malaya* (25mm) Binangonan,
Luzon 3.8.2007 (P.B.H.)



517 *Pithecopis corvus* (25mm) Mindanao
(L. Gabrielsen)



520 *Megisba malaya* (25mm) (and *Jamides*
sp.) Mt. Canlaon, Negros 10.2.1993 (P.B.H.)



518 *Neopithecopis zalmora* (25mm) Bioso,
Samar 5.8.2001 (P.B.H.)



523 *Udara dilecta* (30mm) [Thailand]
(L. Day)



518 *Neopithecopis zalmora* (25mm) Abra,
Luzon 13.11.2016 (L. Alisto)



523 *Udara dilecta* (30mm) [Thailand]
(L. Day)

Plate 88



524 *Udara placidula* (35mm) [Malaya]
(L. Day)



527 *Udara dilectissima* (30mm) Baguio,
Luzon 5.1.2016 (L. Alisto)



524 *Udara placidula* (35mm) [Malaya]
(L. Day)



527 *Udara dilectissima* (30mm) Baguio,
Luzon (L. Alisto)



524 *Udara placidula* (30mm) Asin, Tuba,
Luzon 12.3.2016 (L. Alisto)



528 *Udara selma* (30mm) Baguio, Luzon
25.9.2016 (L. Alisto)



525 *Udara cyma* (30mm) [Malaya]
(L. Day)



529 *Udara santotomasana* (30mm)
Mt. Pulag, Luzon 3.12.2016 (L. Alisto)

Plate 89



529 *Udara santotomasana* (30mm)
Mt. Pulag, Luzon 3.12.2016 (*L. Alisto*)



535 *Acytolepis puspa* (35mm) Tarlac,
Luzon 28.12.2015 (*L. Lahom-Cristobal*)



534 *Sidima murayamai* (30mm) Asin, Tuba,
Luzon 21.8.2016 (*J.A. Lami-ing*)



536 *Celarchus archagathos* (35mm)
Mt. Canlaon, Negros 11.4.2004 (*P.C. Lee*)



534 *Sidima murayamai* (30mm) Asin, Tuba,
Luzon 21.8.2016 (*J.A. Lami-ing*)



536 *Celarchus archagathos* (35mm)
Mindanao 27.4.2012 (*L. Gabrielsen*)



535 *Acytolepis puspa* (35mm) Tarlac,
Luzon 28.12.2015 (*L. Lahom-Cristobal*)



536 *Celarchus hermarchus* (35mm) Angat,
Luzon 1.2.1993 (*P.B.H.*)

Plate 90



538 *Celastrina argiolus* (35mm) Jilin, [China] 21.5.1989 (P.B.H.)



540 *Celastrina algernoni* (35mm) Mt. Makiling, Luzon 15.5.2016 (A.A. Talavera)



539 *Celastrina philippina* (35mm) Baguio, Luzon 15.4.2015 (L. Alisto)



541 *Celastrina lavendularis* (35mm) Mt. Jasah, [Malaya] 2.6.1993 (P.B.H.)



539 *Celastrina philippina* (35mm) Baguio, Luzon 23.9.2016 (L. Alisto)



541 *Celastrina lavendularis* (35mm) [Thailand] (A. Giudici)



540 *Celastrina algernoni* (30mm) Mt. Makiling, Luzon 21.8.2007 (P.B.H.)



547 *Euchrysops cnejus* ♂ (30mm) Indang, Luzon 3.3.2001 (P.B.H.)

Plate 91



547 *Euchrysops cnejus* ♀ (30mm)
Binangonan, Luzon 25.8.2007 (P.B.H.)



548 *Chilades lajus* (30mm) Mt. Arayat,
Luzon 3.1.1995 (P.B.H.)



547 *Euchrysops cnejus* (30mm) Bacolod,
Negros 29.12.1996 (P.B.H.)



550 *Chilades pandava* ♂ (35mm) Pasay,
Luzon 17.10.1995 (P.B.H.)



547 *Euchrysops cnejus* (30mm)
Binangonan, Luzon 3.3.2002 (P.B.H.)



550 *Chilades pandava* ♀ (35mm) Pasay,
Luzon 17.4.1995 (P.B.H.)



548 *Chilades lajus* (30mm) Angat, Luzon
1.2.1993 (P.B.H.)



550 *Chilades pandava* ♂♀ (35mm) Pasay,
Luzon 21.6.1998 (P.B.H.)

Plate 92



551 *Chilades parrhasius* (20mm) [Dubai]
8.12.2014 (D. Hobern)



553 *Spindasis syama* (35mm) Binangonan,
Luzon 25.12.2001 (P.B.H.)



552 *Freyeria (trochylus) putli* (20mm)
South Cotabato, Mindanao 29.11.2014
(D. Leviston)



553 *Spindasis syama* (35mm) Binangonan,
Luzon 11.8.2007 (P.B.H.)



552 *Freyeria (trochylus) putli* (20mm)
Sipaway, Negros 29.12.1993 (P.B.H.)



555 *Arhopala anthelus* (55mm) Bislig,
Mindanao 24.1.2012 (P.C. Lee)



553 *Spindasis syama* (35mm) Nueva Ecija,
Luzon) (L. Lahom-Cristobal)



562 *Arhopala aedias* (60mm) [Malaya]
(L. Day)

Plate 93



565 *Arhopala allata* (45mm) [Malaya]
3.6.1993 (P.B.H.)



567 *Arhopala agesilaus* (40mm) Bislig,
Mindanao 24.1.2012 (P.C. Lee)



566 *Arhopala atosia* (50mm) [Thailand]
(L. Day)



568 *Arhopala major* (45mm) [Singapore]
(L. Day)



566 *Arhopala atosia* (?) (50mm) Roxas
City, Panay 4.8.2013 (J.A. Alaban)



569 *Arhopala amphimuta* (45mm)
[Singapore] (L. Day)



566.1 *Arhopala lurida* (45mm) [Thailand]
(A. Giudici)



575 *Arhopala abseus* (35mm) Irawan,
Palawan 10.5.2006 (P.C. Lee)

Plate 94



575 *Arhopala abseus* (35mm) Subic, Luzon
31.12.1994 (P.B.H.)



582 *Arhopala silhetensis* (55mm)
[Thailand] (L. Day)



576 *Arhopala theba* (50mm) 24.1.2012
Bislig, Mindanao (P.C. Lee)



583 *Arhopala zambra* (50mm) [Malaya]
(L. Day)



579 *Arhopala cleander* (50mm) [Thailand]
(L. Day)



584 *Arhopala agrata* (45mm) [Thailand]
(L. Day)



580 *Arhopala athada* (45mm) [Thailand]
(L. Day)



584 *Arhopala agrata* (45mm) [Thailand]
(L. Day)

Plate 95



587 *Arhopala selta* (40mm) [Thailand]
(L. Day)



593 *Arhopala bazalus* (45mm) [Taiwan]
(Anon)



588 *Arhopala phaenops* (45mm) Mindanao
20.9.2013 (L. Gabrielsen)



593 *Arhopala bazalus* (45mm) [Thailand]
(A. Giudici)



589 *Arhopala sublustris* (40mm) [Thailand]
(L. Day)



594 *Arhopala horsfieldi* (50mm) [Thailand]
(L. Day)



590 *Arhopala alitaeus* (40mm) [Thailand]
(L. Day)



595 *Arhopala eumolphus* (50mm)
[Thailand] (L. Day)

Plate 96



597 *Arhopala chamaeleona* (50mm)
Baguio, Luzon 17.8.2014 (*L. Alisto*)



600 *Arhopala agaba* (45mm) [Thailand]
(*L. Day*)



598 *Arhopala tindongani* (50mm) Baguio,
Luzon (*L. Alisto*)



601 *Arhopala pseudocentaurus* (60mm)
Mt. Makiling, Luzon 20.10.2013
(*A.A. Talavera*)



599 *Arhopala corinda* (50mm) Gigmoto,
Catanduanes (*E. Mendez*)



601 *Arhopala pseudocentaurus* (60mm)
Indang, Luzon 8.4.2001 (*P.B.H.*)



600 *Arhopala agaba* (45mm) [Thailand]
(*L. Day*)



602 *Arhopala buddha* (35mm) [Thailand]
(*L. Day*)

Plate 97



606 *Arhopala alaconia* (40mm) [Thailand]
(A. Giudici)



617 *Flos diardi* (50mm) San Vicente, Luzon
29.8.2016 (R.T. Echano)



613 *Arhopala fulla* (35mm) [Thailand]
(L. Day)



618 *Flos fulgida* (35mm) Bislig, Mindanao
27.1.2012 (P.C. Lee)



614.1 *Arhopala paraganesa* (30mm)
[Thailand] (L. Day)



619 *Flos anniella* (45mm) [Thailand]
(L. Day)



615 *Arhopala birmana* (35mm) [Taiwan]
(Anon)



620 *Flos apidanus* (40mm) Irawan, Palawan
5.5.2006 (P.C. Lee)

Plate 98



624 *Surendra manilana* (40mm) Bislig, Mindanao 23.1.2012 (P.C. Lee)



627 *Amblypodia narada* (55mm) Enchanted River, Mindanao 26.1.2012 (P.C. Lee)



625 *Surendra vivarna* (40mm) Irawan, Palawan 5.5.2006 (P.C. Lee)



627 *Amblypodia narada* (55mm) Enchanted River, Mindanao 26.1.2012 (P.C. Lee)



626 *Semanga superba* (35mm) [Thailand] (L. Day)



628 *Iraota rochana* (50mm) Irawan, Palawan 5.5.2006 (P.C. Lee)



626 *Semanga superba* (35mm) [Sabah] (L. Day)



628 *Iraota rochana* (50mm) Irawan, Palawan 5.5.2006 (P.C. Lee)

Plate 99



629 *Catapaecilma gracilis* (30mm) Bislig, Mindanao 27.1.2012 (R. Chan)



635 *Loxura atymnus* (40mm) Baga, Goa, [India] 17.11.1991 (P.B.H.)



633 *Hypothecle astyla* (35mm) Tamaraw Falls, Mindoro 28.4.1995 (P.B.H.)



636 *Eooxylides tharis* (35mm) Taman Negara, Malaya 26.5.1993 (P.B.H.)



633 *Hypothecle astyla* (35mm) Puerto Galera, Mindoro 27.4.1995 (P.B.H.)



638 *Eooxylides etias* (40mm) [Sabah] (L. Day)



634 *Loxura cassiopeia* (45mm) Mt. Salakot, Palawan 8.5.2006 (P.C. Lee)



642 *Horaga lefebvrei* (30mm) Subic, Luzon 5.10.2011 (P.C. Lee)

Plate 100



642 *Horaga lefebvrei* (30mm) Subic, Luzon
5.10.2011 (P.C. Lee)



647 *Horaga syrinx* (30mm) Baguio, Luzon
25.10.2015 (L. Alisto)



643 *Horaga chalycedonyx* (30mm)
[Thailand] (L. Day)



647 *Horaga syrinx* (30mm) Mt. Canlaon,
Negros 10.4.2004 (P.C. Lee)



646 *Horaga albimacula* (30mm) Mt.
Ibuburutuan, Palawan 8.2.1993 (P.B.H.)



650 *Cheritra orpheus* ♂ (40mm) Subic,
Luzon 3.10.2011 (P.C. Lee)



647 *Horaga syrinx* (30mm) Mt. Canlaon,
Negros 10.4.2004 (P.C. Lee)



650 *Cheritra orpheus* ♀ (40mm) Palawan
(J. van Beijnen)

Plate 101



650 *Cheritra orpheus* (40mm) Mindanao
24.9.2013 (L. Gabrielsen)



653 *Drupadia ravindra* (35mm) Iwahig,
Palawan 6.5.2006 (P.C. Lee)



650 *Cheritra orpheus* (40mm) Subic,
Luzon 30.12.1994 (P.B.H.)



653 *Drupadia ravindra* (35mm)
Mt. Ibuburutuan, Palawan 8.2.1993 (P.B.H.)



651 *Ritra aurea* (45mm) [Malaya]
(L. Day)



654 *Drupadia rufotaenia* (25mm)
[Thailand] (L. Giudici)



653 *Drupadia ravindra* ♂ (35mm) Irawan,
Palawan 9.5.2006 (P.C. Lee)



655 *Drupadia theda* (40mm) no data
(P.C. Lee)

Plate 102



658 *Pratapa tyotaroi* (35mm) Mt. Apo, Mindanao (H. Hayashi)



661 *Tajuria igolotiana* ♀ (40mm) Mt. Apo, Mindanao (H. Hayashi)



658 *Pratapa tyotaroi* (35mm) Mt. Apo, Mindanao (H. Hayashi)



662 *Tajuria deudorix* (45mm) [Thailand] (A. Giudici)



660 *Pratapa deva* (40mm) [Thailand] (S. Chir)



664 *Tajuria mantra* (45mm) [Thailand] (L. Day)



660 *Pratapa deva* (40mm) [Thailand] (S. Chir)



667 *Tajuria domimus* (35mm) [Thailand] (L. Day)

Plate 103



671 *Matsutaroa iljai* (45mm) Mt. Canlaon, Negros (*H. Hayashi*)



698 *Remelana davisi* (40mm) Baguio, Luzon 25.9.2014 (*R.M. Abellada*)



683 *Manto hypoleuca* (45mm) [Thailand] (*A. Giudici*)



699 *Remelana jangala* (40mm) [Hong Kong] (*C. Lam*)



694 *Rachana jalindra* (40mm) [Thailand] (*A. Giudici*)



699 *Remelana jangala* (40mm) Baguio, Luzon 29.6.2015 (*J.V. Villafuerte-Hafalla*)



697 *Suasa lisides* (30mm) [Thailand] (*L. Day*)



701 *Ancema blanka* (40mm) [Thailand] (*A. Giudici*)

Plate 104



702 *Pseudotajuria donatana* (30mm)
[Thailand] (L. Day)



704 *Hypolycaena erylus* (40mm)
Binangonan, Luzon 11.8.2007 (P.B.H.)



703 *Hypolycaena thecloides* (35mm)
Salakot, Palawan 4.2.2011 (P.C. Lee)



704 *Hypolycaena erylus* (40mm)
Inampulugan, Guimaras 26.12.1996 (P.B.H.)



703 *Hypolycaena thecloides* (35mm)
Salakot, Palawan 4.2.2011 (P.C. Lee)



705 *Hypolycaena sipylus* (35mm) Tacloban,
Leyte 3.11.1995 (P.B.H.)



704 *Hypolycaena erylus* (40mm)
Corregidor 2.1.1994 (P.B.H.)



705 *Hypolycaena sipylus* (35mm) no data
(P.C. Lee)

Plate 105



705 *Hypolycaena sipylus* ♀ (35mm) Bislig, Mindanao 23.1.2012 (P.C. Lee)



712 *Zeltus amasa* (30mm) Mindanao 8.1.2016 (L. Gabrielsen)



706 *Hypolycaena ithna* (30mm) Baguio, Luzon 29.1.2015 (L. Alisto)



713 *Deuodorix epijarbas* (40mm) Subic, Luzon 3.10.2011 (P.C. Lee)



706 *Hypolycaena ithna* (30mm) Mt. Makiling, Luzon 3.5.2014 (A.A. Talavera)



719 *Sinthusia mindanensis* ♂ (30mm) Mt. Apo, Mindanao (H. Hayashi)



707 *Hypolycaena othona* (35mm) [India] (V. Barve)



719 *Sinthusia mindanensis* ♀ (30mm) Mt. Kitanglad, Mindanao 4.6.2008 (P.C. Lee)

Plate 106



720 *Sinthusa natsumiae* ♂ (30mm)
Mt. Canlaon, Negros (*H. Hayashi*)



724 *Araotes lapithis* (30mm) [Thailand]
(*A. Giudici*)



720 *Sinthusa natsumiae* ♀ (30mm)
Mt. Canlaon, Negros (*H. Hayashi*)



726 *Bindahara phocides* (35mm) [Thailand]
(*A. Giudici*)



720 *Sinthusa natsumiae* (30mm) Baguio,
Luzon 26.9.2014 (*L. Alisto*)



727 *Rapala diopites* (40mm) Bislig,
Mindanao 23.1.2012 (*P.C. Lee*)



722 *Sinthusa nasaka* (30mm) [Thailand]
(*L. Day*)



731 *Rapala tomokoae* ♂ (40mm)
Mt. Canlaon, Negros (*H. Hayashi*)

Plate 107



731 *Rapala tomokoae* ♀ (40mm) Negros
(*H. Hayashi*)



733 *Rapala manea* (35mm) Roxas City,
Panay 15.12.2012 (*S.D. Alaban*)



732 *Rapala zamona* (40mm) Baguio, Luzon
24.10.2015 (*L. Alisto*)



733 *Rapala manea* (?) (35mm)
Mt. Kitanglad, Mindanao 3.6.2008
(*P.C. Lee*)



733 *Rapala manea* (35mm) [Sulawesi]
(*A.S. Kono*)



734 *Rapala varuna* (35mm) [Taiwan]
(*'Peellden'*)



733 *Rapala manea* (35mm) Binangonan,
Luzon 23.3.2002 (*P.B.H.*)



735 *Rapala rhoecus* (35mm) [Thailand]
(*L. Day*)

Plate 108



736 *Rapala scintilla* (?) (35mm) Baguio, Luzon 29.4.2015 (L. Alisto)



739 *Rapala suffusa* (35mm) [Thailand] (L. Day)



736 *Rapala scintilla* (35mm) [India] (J.M. Garg)



742 *Zemeros flegyas* (40mm) Gap-Tapah road, [Malaya] 28.5.1993 (P.B.H.)



737 *Rapala dienece* (35mm) [Thailand] (L. Day)



743 *Dodona deodata* (45mm) [Thailand] (L. Day)



737 *Rapala dienece* (35mm) [Thailand] (L. Day)



744 *Laxita thuisto* (45mm) [Malaya] (L. Day)

Plate 109



745 *Paralaxita orphna* (50mm) [Thailand]
(A. Giudici)



748 *Abisara echerius* (50mm) Baguio,
Luzon (L. Alisto)



746 *Taxila haquinus* (50mm) [Palawan]
(J. van Beijnen)



749 *Abisara saturata* (45mm) [Thailand]
(A. Giudici)



747 *Abisara kausambi* ♂ (50mm) Batak
village, Palawan 5.2.2011 (P.C. Lee)



750 *Abisara mindanaensis* (50mm) Bislig,
Mindanao 24.1.2012 (P.C. Lee)



747 *Abisara kausambi* ♀ (50mm)
Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)



750 *Abisara mindanaensis* (50mm)
Mindanao 22.9.2013 (L. Gabrielsen)

Plate 110



751 *Abisara geza* (45mm) [Thailand]
(L. Day)



755 *Bibasis gomata* (50mm) Baguio, Luzon
27.10.2015 (L. Alisto)



752 *Bibasis oedipodea* (55mm)
Inampulugan, Guimaras 24.12.1996 (P.B.H.)



755 *Bibasis gomata* (50mm) ex.Binangonan,
Luzon 12.2001 (P.B.H.)



753 *Bibasis etelka* (70mm) [Thailand]
(L. Day)



755 *Bibasis gomata* larva
Binangonan, Luzon 10.2001 (P.B.H.)



754 *Bibasis harisa* (55mm) [Thailand]
(L. Day)



755 *Bibasis gomata* pupa
ex.Binangonan, Luzon 12.2001 (P.B.H.)

Plate 111



756 *Bibasis sena* (45mm) [Thailand]
(L. Day)



761 *Hasora taminatus* ♂ (50mm)
Mt. Salakot, Palawan 6.4.2004 (P.C. Lee)



757 *Hasora proxissima* (55mm) [Thailand]
(L. Day)



761 *Hasora taminatus* ♀ (50mm)
Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)



759 *Hasora mavis* (55mm) Baguio, Luzon
6.12.2012 (L. Lahom-Cristobal)



762 *Hasora schoenherr* (55mm)
Mt. Salakot, Palawan 5.4.2004 (P.C. Lee)



760 *Hasora chromus* (50mm) [Sarawak]
(B. Dupont)



763 *Hasora mixta* (55mm) Baguio, Luzon
18.6.2014 (R.M. Abellada)

Plate 112



764 *Hasora badra* (55mm) Palawan
(*J. de Peralta*)



767 *Hasora moestissima* (55mm) Baguio,
Luzon 3.11.2014 (*L. Alisto*)



765 *Hasora quadripunctata* (?) (55mm)
Baguio, Luzon 16.6.2014 (*R.M. Abellada*)



768 *Hasora caeruleostriata* (?) (55mm)
Mt. Arayat, Luzon 3.1.1995 (*P.B.H.*)



765 *Hasora quadripunctata* (55mm)
[Sulawesi] (*L. Day*)



770 *Hasora leucospila* (55mm) [Thailand]
(*L. Day*)



766 *Hasora vitta* (55mm) [Thailand]
(*A. Giudici*)



771 *Badamia exclamacionis* (60mm)
Baguio, Luzon 16.9.2015 (*L. Alisto*)

Plate 113



771 *Badamia exclamationis* (60mm) Mehan Gardens, Manila, Luzon 6.10.1995 (P.B.H.)



776 *Celaenorrhinus putra* (50mm) [India] ('Vinayaraj')



772 *Choaspes adhara* (65mm) Baguio, Luzon 24.8.2014 (L. Alisto)



777 *Celaenorrhinus treadawayi* (50mm) Mindanao (L. Gabrielsen)



773 *Choaspes estrella* (65mm) Baguio, Luzon 29.4.2015 (R.M. Abellada)



777 *Celaenorrhinus treadawayi* (50mm) Mt. Kitanglad, Mindanao 4.6.2008 (P.C. Lee)



775 *Celaenorrhinus nigricans* (50mm) [Thailand] (L. Day)



778 *Celaenorrhinus asmara* (45mm) [Thailand] (L. Day)

Plate 114



779 *Celaenorrhinus ficulnea* (50mm)
[Thailand] (*L. Day*)



786 *Coladenia ochracea* (45mm) Bislig,
Mindanao 24.1.2012 (*P.C. Lee*)



782 *Tapena thwaitesi* (40mm) [Thailand]
(*A. Giudici*)



791 *Gerosis limax* (40mm) [Thailand]
(*L. Day*)



783 *Darpa pteria* (45mm) [India]
(‘Palmfly’)



792 *Gerosis corona* (40mm) no data
(*P.C. Lee*)



784 *Odina cuneiformis* (45mm) no data
(*P.C. Lee*)



793 *Tagaides japetus* (50mm) Port Barton,
Palawan 6.2.2011 (*P.C. Lee*)

Plate 115



793 *Tagiades japetus* (50mm) Subic, Luzon
4.10.2011 (P.C. Lee)



794 *Tagiades gana* (50mm) Subic, Luzon
3.10.2011 (P.C. Lee)



793 *Tagiades japetus* (50mm) Mt. Makiling,
Luzon 5.2.1993 (P.B.H.)



794 *Tagiades gana* (50mm) Bislig,
Mindanao 28.1.2012 (P.C. Lee)



793 *Tagiades japetus* (50mm) Binangonan,
Luzon 21.8.2007 (P.B.H.)



795 *Tagiades parra* (50mm) Palawan
(J. van Beijnen)



794 *Tagiades gana* (50mm) Gabaldon,
Luzon 18.12.2014 (L. Lahom-Cristobal)



796 *Tagiades ultra* (45mm) Palawan
(J. van Beijnen)

Plate 116



797 *Tagiades trebellius* (50mm) Nayong Pilipino, Pasay, Luzon 4.10.1995 (P.B.H.)



800 *Odontoptilium (angulatum) helias* (45mm) Mambucal, Negros 27.12.1993 (P.B.H.)



797 *Tagiades trebellius* (50mm) Subic, Luzon 3.10.2011 (P.C. Lee)



800.1 *Odontoptilium (angulatum) corria* (45mm) Indang, Luzon 8.2000 (P.B.H.)



797 *Tagiades trebellius* (50mm) Tinuy-an, Mindanao 25.1.2012 (P.C. Lee)



800.2 *Odontoptilium abbreviata* (45mm) Tinuy-an, Mindanao 25.1.2012 (P.C. Lee)



799 *Mooreana trichoneura* (45mm) [Malaya] 1.6.1993 (P.B.H.)



801 *Odontoptilium pygela* (45mm) Port Barton, Palawan 6.2.2011 (P.C. Lee)

Plate 117



801 *Odontoptilum pygela* (45mm)
Port Barton, Palawan 6.2.2011 (P.C. Lee)



804 *Aeromachus plumbeola* (20mm)
Binangonan, Luzon 13.8.2007 (P.B.H.)



803 *Aeromachus musca* (20mm) Pagsanjan,
Luzon 7.1.1994 (P.B.H.)



807 *Halpe ormenes* (35mm) [Sabah]
(L. Day)



803 *Aeromachus musca* (20mm) Mindanao
(L. Gabrielsen)



809 *Halpe luteisquama* (35mm) Indang,
Luzon 7.2000 (P.B.H.)



804 *Aeromachus plumbeola* (20mm)
Binangonan, Luzon 23.8.2007 (P.B.H.)



809 *Halpe luteisquama* (35mm)
Binangonan, Luzon 14.8.2007 (P.B.H.)

Plate 118



809 *Halpe luteisquama* (35mm)
Binangonan, Luzon 10.8.2007 (P.B.H.)



814 *Halpe pelethronix* (35mm) [Malaya]
(L. Day)



812 *Halpe sulphurifera* (35mm) Tinuy-an,
Mindanao 25.1.2012 (P.C. Lee)



815 *Halpe inconspicua* (30mm) Irawan,
Palawan 10.5.2006 (P.C. Lee)



812 *Halpe sulphurifera* (35mm) Tinuy-an,
Mindanao 25.1.2012 (P.C. Lee)



816 *Halpe purpurascens* (40mm) Subic,
Luzon 3.10.2011 (P.C. Lee)



813 *Halpe toxopea* (30mm) [Thailand]
(L. Day)



816 *Halpe purpurascens* (40mm) Subic,
Luzon 4.10.2011 (P.C. Lee)

Plate 119



817 *Koruthaialos rubecula* (40mm)
Mt. Makiling, Luzon 25.12.1993 (P.B.H.)



818 *Koruthaialos sindu* (?) (40mm) Iwahig,
Palawan 6.5.2006 (P.C. Lee)



817 *Koruthaialos rubecula* (40mm)
Mt. Makiling, Luzon 5.2.1993 (P.B.H.)



819 *Psolos fuligo* (45mm) Mindanao
(L. Gabrielsen)



817 *Koruthaialos rubecula* (40mm) Iwahig,
Palawan 3.2.2011 (P.C. Lee)



819 *Psolos fuligo* (45mm) Tinuy-an,
Mindanao 25.1.2012 (P.C. Lee)



818 *Koruthaialos sindu* (40mm) Thailand
(L. Day)



820 *Ancistroides nigrita* (55mm) Irawan,
Palawan 9.5.2006 (P.C. Lee)

Plate 120



820 *Ancistroides nigrita* (55mm) Indang, Luzon 9.9.2001 (P.B.H.)



821 *Notocrypta paralyos* (45mm) Mt. Makiling, Luzon 5.2.1993 (P.B.H.)



820.1 *Notocrypta curvifascia* (45mm) [Thailand] (L. Day)



822 *Notocrypta clavata* (45mm) [Thailand] (A. Giudici)



821 *Notocrypta paralyos* (45mm) Salakot, Palawan 4.2.2011 (P.C. Lee)



824 *Notocrypta feisthamelii* (45mm) Irawan, Palawan 10.5.2006 (P.C. Lee)



821 *Notocrypta paralyos* (45mm) Subic, Luzon 2.10.2011 (P.C. Lee)



824 *Notocrypta feisthamelii* (45mm) Mt. Makiling, Luzon 21.8.2007 (P.B.H.)

Plate 121



826 *Suada albina* (40mm) Indang, Luzon
29.9.2001 (P.B.H.)



828.1 *Suastus gremius* (40mm) Bondla,
Goa, [India] 15.11.1991 (P.B.H.)



826 *Suada albina* (40mm) Dalwangan,
Mindanao 24.12.2015 (L. Gabrielsen)



828.1 *Suastus gremius* (40mm) Palawan
(J. van Beijnen)



827 *Suastus minutus* (30mm) Palawan
(J. de Peralta)



829 *Cupitha purreea* (30mm) [Thailand]
(A. Giudici)



828 *Suastus migreus* (40mm) Biñan, Luzon
14.9.2015 (A.A. Talavera)



830.1 *Zographetus durga* (35mm) Boac,
Marinduque 2011 (F. Panuculan)

Plate 122



830.1 *Zographetus durga* (35mm)
Enchanted River, Mindanao 26.1.2012
(P.C. Lee)



836 *Hyarotis adrasta* (40mm) [Andamans]
(‘Chinmayisk’)



831 *Zographetus ogygia* (35mm) Palawan
(J. van Beijnen)



837 *Hyarotis microsticta* (35mm)
[Thailand] (L. Day)



832 *Zographetus doxus* (35mm) [Thailand]
(L. Day)



839 *Quedara monteithi* ♂ (45mm)
[Thailand] (L. Day)



835 *Oreane microthyrsus* (35mm)
[Thailand] (A. Giudici)



839 *Quedara monteithi* ♀ (45mm)
[Thailand] (L. Day)

Plate 123



840 *Isma bononia* (30mm) [Malaya]
(L. Day)



847 *Pyroneura niasana* (50mm) [Thailand]
(L. Day)



840 *Isma bononia* (30mm) [Malaya]
(L. Day)



849 *Plastingia naga* (40mm) [Thailand]
(L. Day)



845 *Pyroneura liburnia* (40mm) Subic,
Luzon 2.10.2011 (P.C. Lee)



849 *Plastingia naga* (40mm) Mt. Makiling,
Luzon 5.1.1995 (P.B.H.)



845 *Pyroneura liburnia* (40mm) Subic,
Luzon 4.10.2011 (P. C. Lee)



850 *Plastingia pellation* (40mm) [Thailand]
(A. Giudici)

Plate 124



850 *Plastingia pellationia* (40mm) Palawan
(*J. de Peralta*)



854 *Xanthoneura telesinus* (40mm) Subic,
Luzon 31.12.1994 (*P.B.H.*)



853 *Salanoemia similis* (35mm) Irawan,
Palawan 9.5.2006 (*P.C. Lee*)



854 *Xanthoneura telesinus* (40mm) Subic,
Luzon 2.10.2011 (*P.C. Lee*)



853 *Salanoemia similis* (35mm) Irawan,
Palawan 9.5.2006 (*P.C. Lee*)



854.1 *Xanthoneura obscurior* (40mm)
Baguio, Luzon 14.8.2016 (*L. Alisto*)



854 *Xanthoneura telesinus* (40mm) Subic,
Luzon 4.10.2011 (*P.C. Lee*)



854.1 *Xanthoneura obscurior* (40mm)
Baguio, Luzon (*L. Alisto*)

Plate 125



855 *Lotongus calathus* ♂ (55mm)
[Thailand] (*L. Day*)



857 *Zela zeus* (50mm) [Thailand]
(*L. Day*)



855 *Lotongus calathus* (55mm) [Thailand]
(*L. Day*)



858 *Zela zenon* (50mm) Puerto Princesa,
Palawan 24.4.1995 (*P.B.H.*)



856 *Zela excellens* (50mm) [Thailand]
(*A. Giudici*)



858 *Zela zenon* (50mm) no data
(*Anon*)



857 *Zela zeus* (50mm) [Thailand]
(*L. Day*)



859 *Gangara thyrsis* (80mm) [India]
(*L. Shyamal*)

Plate 126



859 *Gangara thyraxis* (80mm) Irawan, Palawan 7.5.2006 (P.C. Lee)



861 *Erionota thrax* larva Mt. Makiling, Luzon 31.3.2001 (P.B.H.)



860 *Gangara lebadea* (70mm) [Sabah] (L. Day)



862 *Erionota hiraca* (65mm) [Thailand] (L. Day)



861 *Erionota thrax* (70mm) Baguio, Luzon 1.7.2015 (R.M. Abellada)



865 *Erionota torus* (75mm) [Taiwan] ('Peellden')



861 *Erionota thrax* (70mm) Indang, Luzon 28.4.2001 (P.B.H.)



865 *Erionota torus* (?) (75mm) Bago, Negros 6.1.2017 (R.P. Delos Reyes)

Plate 127



866 *Matapa aria* (45mm) Cuyo Island, Palawan 31.3.2012 (*F. Panuculan*)



870 *Hidari irava* (55mm) [Thailand] (*L. Day*)



866.1 *Matapa cresta* (50mm) [Thailand] (*L. Day*)



871 *Acerbas anthea* (45mm) Bislig, Mindanao 24.1.2012 (*P.C. Lee*)



869 *Unkana ambasa* ♂ (55mm) Bislig, Mindanao 24.1.2012 (*P.C. Lee*)



872 *Acerbas duris* (45mm) Subic, Luzon 4.10.2011 (*P.C. Lee*)



869 *Unkana ambasa* ♀ (55mm) Bislig, Mindanao 28.1.2012 (*P.C. Lee*)



872 *Acerbas duris* (45mm) Subic, Luzon 4.10.2011 (*P.C. Lee*)

Plate 128



873 *Pirdana hyela* (55mm) [Thailand]
(L. Day)



876 *Oriens paragola* (30mm) [Thailand]
(A. Giudici)



875 *Taractrocera luzonensis* (25mm) Pasay,
Luzon 4.10.1995 (P.B.H.)



877 *Oriens gola* (30mm) Iwahig, Palawan
3.2.2011 (P.C. Lee)



875 *Taractrocera luzonensis* (25mm)
Binangonan, Luzon 7.8.2007 (P.B.H.)



877 *Oriens gola* (30mm) Irawan, Palawan
7.5.2006 (P.C. Lee)



875 *Taractrocera luzonensis* ♂♀ (25mm)
Iwahig, Palawan 3.2.2011 (P.C. Lee)



878 *Oriens californica* (30mm)
Mt. Makiling, Luzon 5.2.1993 (P.B.H.)

Plate 129



878 *Oriens californica* (30mm) Sibuyan
10.8.2011 (P.B.H.)



880 *Potanthus omaha* ♂♀ (30mm)
nr. Kuala Woh, [Malaya] 31.5.1993 (P.B.H.)



878 *Oriens californica* (30mm) Sibuyan
12.8.2011 (P.B.H.)



882.1 *Potanthus (niobe) hyugai* (30mm)
Baguio, Luzon 19.8.2015 (L. Alisto)



879 *Oriens fons* (30mm) Baguio, Luzon
25.9.2016 (L. Alisto)



883 *Potanthus confucius* (30mm) [Taiwan]
(‘Peellden’)



879 *Oriens fons* (30mm) Baguio, Luzon
18.10.2016 (L. Alisto)



884 *Potanthus mingo* (30mm) Tinuy-an,
Mindanao 25.1.2012 (P.C. Lee)

Plate 130



884 *Potanthus mingo* (30mm) San Jorge, Samar 8.8.2007 (P.B.H.)



885 *Potanthus pava* (30mm) Binangonan, Luzon 15.8.2007 (P.B.H.)



885 *Potanthus pava* (30mm) Indang, Luzon 3.2001 (P.B.H.)



886 *Potanthus ganda* (30mm) [Thailand] (L. Day)



885 *Potanthus pava* (30mm) Binangonan, Luzon 15.8.2007 (P.B.H.)



889 *Telicota colon* (35mm) Biñan, Luzon 16.8.2015 (A.A. Talavera)



885 *Potanthus pava* (30mm) Mt. Canlaon, Negros 11.4.2004 (P.C. Lee)



889 *Teliciota colon* (35mm) Biñan, Luzon 18.7.2015 (A.A. Talavera)

Plate 131



890 *Telicota augias* ♂ (35mm) Binangonan, Luzon 10.8.2007 (P.B.H.)



891 *Telicota ancilla* (35mm) [India] (J.M. Garg)



890 *Telicota augias* ♂ (35mm) Lopez, Negros 20.2.1988 (P.B.H.)



891 *Telicota ancilla* (35mm) Baguio, Luzon 12.10.2016 (L. Alisto)



890 *Telicota augias* ♀ (35mm) Binangonan, Luzon 3.8.2007 (P.B.H.)



894 *Cephenes acalle* (45mm) Bioso, Samar 29.10.1995 (P.B.H.)



890 *Telicota augias* (35mm) Pasay, Luzon 14.10.1995 (P.B.H.)



894 *Cephenes acalle* ♂ (45mm) Indang, Luzon 7.2000 (P.B.H.)

Plate 132



894 *Cephrenes acalle* ♀ (45mm) Bislig, Mindanao 23.1.2012 (P.C. Lee)



896 *Parnara bada* (35mm) Baguio, Luzon 18.9.2015 (L. Alisto)



895 *Prusiana prusias* (45mm) Binangonan, Luzon 3.8.2007 (P.B.H.)



897 *Parnara kawazoei* (35mm) Manila, Luzon 11.10.1995 (P.B.H.)



895 *Prusiana prusias* (45mm) Binangonan, Luzon 22.8.2007 (P.B.H.)



897 *Parnara kawazoei* (35mm) Sibuyan 12.8.2011 (P.B.H.)



895 *Prusiana prusias* (45mm) Mt. Makiling, Luzon 31.3.2001 (P.B.H.)



897 *Parnara kawazoei* ♂♀ (35mm) Pasay, Luzon 11.10.1995 (P.B.H.)

Plate 133



898 *Borbo cinnara* (35mm) Binangonan, Luzon 2.8.2007 (P.B.H.)



899 *Pelopidas agna* (?) (35mm) Dalwangan, Mindanao 17.4.2012 (L. Gabrielsen)



898 *Borbo cinnara* (35mm) Binangonan, Luzon 1.8.2007 (P.B.H.)



900 *Pelopidas mathias* (35mm) Binangonan, Luzon 10.8.2007 (P.B.H.)



899 *Pelopidas agna* (35mm) Bago, Negros 9.8.2015 (R.P. Delos Reyes)



900 *Pelopidas mathias* (35mm) Binangonan, Luzon 3.8.2007 (P.B.H.)



899 *Pelopidas agna* (35mm) Bago, Negros 9.8.2015 (R.P. Delos Reyes)



900 *Pelopidas mathias* (35mm) Binangonan, Luzon 10.8.2007 (P.B.H.)

Plate 134



900 *Pelopidas mathias* (35mm) Binangonan, Luzon 2.8.2007 (P.B.H.)



901 *Pelopidas conjuncta* (?) (50mm) Binangonan, Luzon 13.8.2007 (P.B.H.)



900 *Pelopidas mathias* (35mm) Binangonan, Luzon 8.8.2007 (P.B.H.)



902 *Polytremis lubricans* (40mm) [Thailand] (L. Day)



901 *Pelopidas conjuncta* (50mm) Indang, Luzon 8.2.2000 (P.B.H.)



903 *Baoris oceia* (45mm) Baguio, Luzon 29.10.2015 (L. Alisto)



901 *Pelopidas conjuncta* (50mm) [Thailand] (A. Giudici)



903 *Baoris oceia* (45mm) Baguio, Luzon 3.3.2016 (L. Alisto)

Plate 135



903 *Baoris oceia* (45mm) Binangonan, Luzon 10.8.2007 (P.B.H.)



906 *Caltoris cormasa* (40mm) Tinuy-an, Mindanao 25.1.2012 (P.C. Lee)



904 *Caltoris brunnea* (40mm) [Thailand] (L. Day)



907 *Caltoris philippina* (45mm), Bago, Negros 16.10.2015 (R.P. Delos Reyes)



905 *Caltoris bromus* (40mm) [Thailand] (L. Day)



907 *Caltoris philippina* (45mm) Baguio, Luzon 14.11.2014 (L. Alisto)



906 *Caltoris cormasa* (40mm) Tinuy-an, Mindanao 25.1.2012 (P.C. Lee)



907 *Caltoris philippina* (?) (45mm) Subic, Luzon 3.10.2011 (P.C. Lee)

Plate 136

Papilionidae from the collection of David Longsdon (1864–1937) in the Manchester Museum



001 *Troides rhadamantus* ♂ (140mm)
Mindanao



003 *Troides magellanus* ♂ (145mm)
Samar



001 *Troides rhadamantus* ♀ (165mm)
Polillo



003 *Troides magellanus* ♀ (190mm)
Luzon



002 *Troides plateni* ♂ (160mm)
Palawan



004 *Trogonoptera trojana* ♂ (190mm)
Palawan



002 *Troides plateni* ♀ (175mm)
Palawan



005 *Trogonoptera brookiana* ♀ (170mm)
[Malaya]

Plate 137

Papilionidae from the collection of David Longsdon (1864–1937) in the Manchester Museum



006 *Atrophaneura semperi* ♂ (140mm)
Mindoro



006 *Atrophaneura semperi* ♀ (140mm)
Mindoro



006 *Atrophaneura semperi* ♂ (140mm)
Polillo



006 *Atrophaneura semperi* ♀ (140mm)
Samar



006 *Atrophaneura semperi* ♀ (140mm)
Polillo



008 *Pachliopta atropos* (105mm)
Palawan



006 *Atrophaneura semperi* ♀ (140mm)
Mindanao



009 *Pachliopta aristolochiae* (110mm)
[non-Philippine specimen]

Plate 138

Papilionidae from the collection of David Longsdon (1864–1937) in the Manchester Museum



010 *Pachliopta kotzebuea* (105mm)
Los Baños, Luzon



012 *Pachliopta phlegon* (100mm)
Mindoro



010 *Pachliopta kotzebuea* (105mm)
Mindanao



012 *Pachliopta phlegon* (100mm)
Mindanao



011 *Pachliopta antiphus* (100mm)
Jolo



013 *Pachliopta mariae* (125mm)
Polillo



011 *Pachliopta antiphus* (100mm)
Palawan



014 *Pachliopta leytenensis* (100mm)
Samar

Plate 139

Papilionidae from the collection of David Longsdon (1864–1937) in the Manchester Museum



015 *Pachliopta schadenbergi* (100mm)
Luzon



023 *Papilio demolion* (105mm)
no data



017 *Chilasa clytia* (115mm)
Manila, Luzon



024 *Papilio antonio* (120mm)
Davao, Mindanao



017 *Chilasa clytia* (115mm)
Los Baños, Luzon



025 *Papilio hytaspes* (125mm)
Los Baños, Luzon



017 *Chilasa clytia* (115mm)
Palawan



025 *Papilio hytaspes* (125mm)
Los Baños, Luzon

Plate 140

Papilionidae from the collection of David Longsdon (1864–1937) in the Manchester Museum



025 *Papilio hytaspes* (125mm)
Samar



029 *Papilio daedalus* (100mm)
Palawan



026 *Papilio helenus* (125mm)
Palawan



029 *Papilio daedalus* (100mm)
Palawan



027 *Papilio hipponous* (105mm)
Basilan



029 *Papilio daedalus* (100mm)
Leyte



027 *Papilio hipponous* (105mm)
Palawan



035 *Papilio rumanzovia* ♀ (145mm)
Luzon

Plate 141

Papilionidae from the collection of David Longsdon (1864–1937) in the Manchester Museum



035 *Papilio rumanzovia* ♀ form *semperinus*
(145mm) Luzon



044 *Graphium arycles* (85mm)
Palawan



035 *Papilio rumanzovia* ♀ (145mm)
Samar



045 *Graphium bathycles* (85mm)
Palawan



039 *Graphium codrus* (110mm)
'Philippines'



045 *Graphium bathycles* (85mm)
no data



043 *Graphium eurypylus* (85mm)
Mindoro



047 *Graphium aristeus* (75mm)
'possibly Philippines'

Plate 142

Papilionidae from the collection of David Longsdon (1864–1937) in the Manchester Museum



048 *Graphium decolor* (85mm)
Palawan



051 *Graphium macareus* (90mm)
[non-Philippine?]



049 *Graphium euphrates* (85mm)
Luzon



054 *Graphium stratocles* (90mm)
Palawan



050 *Graphium euphratoides* (85mm)
Mindanao



055 *Graphium delessertii* (105mm)
Palawan



051 *Graphium macareus* (90mm)
Palawan



056 *Graphium idaeoides* (155mm)
Mindanao

Plate 143

Butterflies collected at Los Baños/Mt. Makiling, Luzon c. 1915, in the Manchester Museum



059 *Catopsilia pyranthe* (70mm)



105 *Appias albina* (65mm)



062 *Gandaca harina* (55mm)



116 *Hebomoia glaucippe* (105mm)



071 *Eurema sarilata* (50mm)



153 *Rhinopalpa polynice* (80mm)



099 *Appias nero* (75mm)



393 *Euploea mulciber* (90mm)

Plate 144

Butterflies collected at Los Baños/Mt. Makiling, Luzon c. 1915, in the Manchester Museum



428 *Allotinus fallax* (labelled as *punctatus*) (35mm)



462 *Anthene lycaenina* (30mm)



459 *Curestis tagalica* (labelled as *thetis*) (45mm)



470.1 *Nacaduba (sanaya) metallica* (labelled as *perusia*) (35mm)



459 *Curetis tagalica* (labelled as *thetis*) (45mm)



470.1 *Nacaduba (sanaya) metallica* (labelled as *perusia*) (35mm)



462 *Anthene lycaenina* (30mm)



471 *Nacaduba berenice* (35mm)

Plate 145

Butterflies collected at Los Baños/Mt. Makiling, Luzon c. 1915, in the Manchester Museum



471 *Nacaduba berenice* (35mm)



483 *Petrelaea dana* ♂ (25mm)



481 *Ionolyce helicon* (25mm)
(labelled as *Nacaduba viola*)



483 *Petrelaea dana* ♀ (25mm)



482 *Catopyrops ancyræ* (35mm)



487 *Discolampa ethion* (30mm)



482 *Catopyrops ancyræ* (35mm)



487 *Discolampa ethion* (35mm)

Plate 146

Butterflies collected at Los Baños/Mt. Makiling, Luzon c. 1915, in the Manchester Museum



488 *Danis schaeffera* (35mm)



500 *Jamides cleodus* ♂ (labelled as *celeno*) (35mm)



488 *Danis schaeffera* (35mm)



500 *Jamides cleodus* ♀ (labelled as *celeno*) (35mm)



492 *Jamides philatus* ♀ (labelled as *elpis*) (35mm)



502 *Jamides suidas* (35mm)



492 *Jamides philatus* (labelled as *elpis*) (35mm)



520 *Megisba malaya* (25mm)

Plate 147

Butterflies collected at Los Baños/Mt. Makiling, Luzon c. 1915, in the Manchester Museum



520 *Megisba malaya* (25mm)



588 *Arhopala phaenops* (45mm)



535 *Acytoplepis puspa* (35mm)



601 *Arhopala pseudocentaurus*
(labelled as *centaurus*) (60mm)



535 *Acytoplepis puspa* (35mm)



601 *Arhopala pseudocentaurus*
(labelled as *centaurus*) (60mm)



575 *Arhopala abseus* (35mm)



655 *Drupadia theda* (40mm)

Plate 148

Butterflies collected at Los Baños/Mt. Makiling, Luzon c. 1915, in the Manchester Museum



655 *Drupadia theda* (40mm)



705 *Hypolycaena sipylus* (35mm)



704 *Hypolycaena erylus* ♂ (40mm)



733 *Rapala manea* ♂ (labelled as *xenophon-praxias*) (35mm)



704 *Hypolycaena erylus* (40mm)



733 *Rapala manea* (labelled as *xenophon-praxias*) (35mm)



705 *Hypolycaena sipylus* ♂ (35mm)



748 *Abisara echerius* (50mm)

Plate 149

From early 20th century collections in the Manchester Museum



065 *Eurema hecabe* (50mm)
Manila, Luzon



100 *Appias nephele* (65mm)
'Philippines'



072 *Eurema lacteola* ♀ (45mm)



100 *Appias nephele* (65mm)
'Philippines'



074 *Delias singhapura* (80mm)



100 *Appias nephele* (65mm)
'Philippines'



082 *Delias pasithoe* (85mm)



109 *Udaiana cynis* (55mm)

Plate 150

From early 20th century collections in the Manchester Museum



111 *Saletaria panda* ♂ (60mm)



141 *Vanessa dejeani* (60mm)



111 *Saletaria panda* ♀ (60mm)



243 *Lasippa monata* (60mm)



118 *Ariadne taeniata* (60mm)



258 *Rohana parisatis* ♂ (45mm)



126 *Cupha erymnanthis* (65mm)
Palawan



263 *Euripus nyctelius* ♀ (75mm)

Plate 151

From early 20th century collections in the Manchester Museum



264 *Polyura athamas* (75mm)



284 *Discophora sondaica* (90mm)



267 *Polyura schreiber* (95mm)



291 *Amathuxidia amythaon* ♂ (130mm)



276 *Prothoe franck* (90mm)



291 *Amathuxidia amythaon* ♀ (130mm)



279 *Agatasa calydonia* (almost identical to Philippine *A. chrysodonia*) (110mm)



292 *Zeuxidia semperi* (115mm)

Plate 152

From early 20th century collections in the Manchester Museum



292 *Zeuxidia semperi* (115mm)



300 *Elymnias nesaea* (85mm)



295 *Melanitis leda* (80mm)



304 *Elymnias dara* (65mm)



297 *Melanitis zitenius* (90mm)



307 *Elymnias melias* (90mm)



298 *Melanitis boisduvalia* (90mm)



307 *Elymnias melias* (90mm)

Plate 153

From early 20th century collections in the Manchester Museum



312 *Elymnias esaca* (70mm)



378 *Tirumala septentrionis* (100mm)



320 *Lethe europa* (75mm)



379 *Tirumala hamata* (100mm)



321 *Lethe chandica* (75mm)



380 *Tirumala limniace* (95mm)



323 *Ptychandra lorquinii* (55mm)



391 *Euploea swainson* (90mm)
Manila, Luzon

Plate 154

From early 20th century collections in the Manchester Museum



391 *Euploea swainson* (90mm)
Manila, Luzon



395 *Euploea phaenareta* (140mm)



392 *Euploea sylvester* (?) (90mm)



401 *Libythea myrrha* (55mm)



394 *Euploea tulliolus* (80mm)
Palawan



402 *Libythea narina* (50mm)



394 *Euploea tulliolus* (80mm)
Palawan



403 *Libythea geoffroy* (55mm)

Plate 155

From early 20th century collections in the Manchester Museum



463 *Niphanda tessellata* (40mm)



564 *Arhopala myrzala* (45mm)



523 *Udara dilecta* ♂ (30mm)



586 *Arhopala aroa* (45mm)



523 *Udara dilecta* ♀ (30mm)



713 *Deudorix epijarbas* (40mm)



526 *Udara camenae* (30mm)



726 *Bindahara phocides* (35mm)

Plate 156

From early 20th century collections in the Manchester Museum



752 *Bibasis oedipodea* (55mm)



756 *Bibasis sena* ♀ (45mm)



754 *Bibasis harisa* ♂ (55mm)



762 *Hasora schoenherr* (55mm)



754 *Bibasis harisa* ♀ (55mm)



764 *Hasora badra* (55mm)



756 *Bibasis sena* ♂ (45mm)



769 *Hasora khoda* (50mm)

Plate 157

From early 20th century collections in the Manchester Museum



771 *Badamia exclamationis* (60mm)



861 *Erionota thrax* (70mm)



829 *Cupitha purreea* (30mm)



870 *Hidari irava* (55mm)



836 *Hyarotis adrastus* (40mm)



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859 *Gangara thyrasis* (80mm)



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