



V.A. Korolev

**CATALOGUS ON THE COLLECTION
OF LEPIDOPTERA
Part II. *PAPILIONIDAE***

Moscow - 2014

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Korolev V.A. CATALOGUS ON THE COLLECTION OF LEPIDOPTERA. Part II. PAPILIONIDAE. – Moscow, 2014. 387 p., 20 color tabs., bibl. 240 Titles

In the second part of the Catalogue of author's private Lepidoptera collection, collected over more than 50 years, a family *Papilionidae* presented. Systematic catalog of the collection contains about 400 species, 700 subspecies taxa *Papilionidae*, full label data more than 2 thousand specimens swallowtail butterflies from various regions of the former Soviet Union, as well as Asia, Africa, Australia, South and North America, 20 color tables, and over 720 black and white photographs of collected butterflies.

The book is intended for entomologists, lepidopterists, experts in the field of zoogeography, ecology, as well as a wide range of butterflies lovers interested in swallowtails butterflies.

Королёв В.А. КАТАЛОГ КОЛЛЕКЦИИ ЧЕШУЕКРЫЛЫХ (*Lepidoptera*). Часть II. PAPILIONIDAE. – Москва, 2014. 387 с., 20 цв. табл., библи. 240 назв.

Во второй части каталога авторской частной коллекции чешуекрылых, собранной за более чем 50 лет, представлено семейство парусников (*Lepidoptera, Papilionidae*). Систематический каталог коллекции содержит около 400 видов, 700 подвидовых таксонов *Papilionidae*, полные этикеточные данные свыше 2 тыс. экземпляров парусников из различных регионов территории бывшего СССР, а также из Азии, Африки, Австралии, Южной и Северной Америки, 20 цветных таблиц, а также свыше 720 черно-белых фотографий коллекционных бабочек.

Книга предназначена для энтомологов, лепидоптерологов, специалистов в области зоогеографии, экологии, а также широкого круга любителей бабочек, интересующихся парусниками.

Korolev V.A. KATALOG DER SAMMLUNG VON SCHMETTERLINGE (*Lepidoptera*). Teil II. PAPILIONIDAE. – Moskau, 2014. 387 S., 20 Farbtafeln, Bibliographie 240 Titel

Im zweiten Teil des Katalogs der Privatsammlung von Lepidoptera des Autors über mehr als 50 Jahren gesammelt werden, zeigt eine Familie *Papilionidae*. Systematische Katalog der Sammlung enthält etwa 400 Arten, 700 Unterarten Taxa *Papilionidae*, vollständige Etiketten Daten mehr als 2000 Kopien *Papilionidae* aus verschiedenen Regionen der ehemaligen Sowjetunion sowie in Asien, Afrika, Australien, Süd- und Nordamerika, 20 Farbtafeln und weit über 720 schwarz-weiß Fotografien von Schmetterlingen.

Das Buch ist für Entomologen, Lepidopterologen, Experten auf dem Gebiet der Tiergeographie, Ökologie, sowie eine Vielzahl von Schmetterlingen Liebhaber interessiert *Papilionidae*.

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Own collection of butterflies (*Lepidoptera, Diurna*) of the world fauna, collected by the author over a period of more than 50 years, is presented in the Catalogue.

The main goal of this edition – provide access to the author's collection of a wide range of professionals lepidopterists and amateurs of butterflies. Most private collections of butterflies is not accessible to a wide range of specialists. Only the author and a small circle of his colleagues working with the collection. Only after one or another private collection of butterflies flagged for any museum, it is made available for research. It happens to most collections. But in a number of private collections happen in the museum did not fall at all. In this case they are lost to science. Therefore, the second goal of the catalog – to keep scientific information about this collection.

Almost any private collection of butterflies, even a relatively small amount (if it properly documented), contains interesting and important materials for science. Well, in the case of large collections they themselves often become the basis for the museum's collection or make it a significant (if not the main) part. One can cite many examples of this.

Such a role, for example, the largest private collection of butterflies, collected by the famous Moscow lepidopterist A.V.Tsvetaev (1903-1980), fulfilled. It consisted of 84 thousand specimens and entered to the Zoological Museum of Moscow University. Large private collections of A.P.Kuzyakin and G.D.Samodurov, joined to the collection of the Darwin Museum in Moscow, and many others. But catalogues of their *Lepidoptera* collections not published.

Unfortunately, there are very little the published catalogues of private and museum collections of butterflies. One of the first such catalogue have appeared only in the XIX century and is usually represented only systematic lists of butterflies names presented in a particular collection, without specifying their label data, sex, number, names of collectors. As is well known, in the XVIII and early XIX century labeling butterflies generally performed very poorly. The scientific value of such catalogs and collections was not high. They are only allowed to judge the representativeness of a particular collection and its volume.

For example of such catalogues can be called the catalogue of *Papilionidae* deposited in the British Museum (of natural history), London, published by G.R. Gray, (1853) and A.G. Butler (1868, 1869, 1870 etc.); the catalogue of the diurnal *Lepidoptera* collection formed by W.C.Hewitson and published by W.Kirby (1879); the catalogue of the butterflies collection of Kazan University, compiled by A.M.Butlerov and published in 1887 after his death.

Later, at the end of XIX and XX century were published more professional catalogues of collections of individual butterflies' groups and catalogues of type specimens. Among these publications can be called catalogues published by the British Museum (natural history) (F.D.Godman and O.Salvin, 1878; H.Druce, 1878; G.F.Hampson, 1898; P.R.Ackery, 1973; etc.); the catalogue of *Papilionidae* in the collection of Ch.Oberthür, 1879; the catalogue of *Lepidoptera* collection of H.Edwards in the American Museum of Natural History; the catalogue of *Papilionidae* deposited in National museum of natural history, Paris, published by E.Boullet E.and F. le Cerf (1912); the catalogues of *Lepidoptera* deposited in the Tring Museum, published by L.W.Rotschild (1910-1918, etc.); the catalogue of type-specimens in the Fruhstorfer collection *Lepidoptera*, published by L.Martin (1922); the catalogue of butterflies named by R.Verity (Kudrna O., 1982); the catalogues of type specimens of the genus *Parnassius*, deposited in the Zoological Museum of the University of Kiev and Zoological institute of Russian Academy of Science (St.Petersburg), published by V.V.Tschikolovets (1993); the catalogue of the type-specimens of the *Sphingidae* deposited at the Zoologische Staatssammlung Munchen, published by M.A.Miller and A.Hausmann (1999); the catalogues of *Lepidoptera* in the collection of Museum

natural history Galaty, Romania (A.Marcu, L. Rákósy, 2002); the catalogue of types in the *Lepidoptera* collection which belonged to the Prof. Ioan Nemeş (1924-2009), currently curated at the Museum of Natural Sciences Dorohoi (Botoşani County, Romania), published by M.Stanescu and C.Amarie (2013-2014); the catalogues of types *Lepidoptera* in the collection of the National Museum of Natural History, Smithsonian Institution, Washington, D.C. (published by J.W.Brown et al., 2004, etc.) and many others. Catalogues of types from *Lepidoptera* collections of C.Linnaeus and J.Fabricius, as well as many other major lepidopterists (H.W.Bates, A.R.Wallace, O.Staudinger, etc.), are particularly important.

In the presented edition all own collection of butterflies is intended to publish in several parts. The first part of the catalog (published in 2014)¹ covered the family *Hesperiidae*, which is represented in the collection numbering more than 1.7 thousand specimens of *Hesperiidae* of the world fauna. The second part of the catalogue is devoted to family *Papilionidae*, which is represented in the collection, numbering more than 2 thousand specimens of swallowtail butterflies of the world fauna. The following parts will be presented to all the other families of butterflies: *Pieridae*, *Nymphalidae* and *Lycaenidae*.

All parts of the catalogue published by a single structure: first a brief history of collection gives, then it is given the statistical characteristics of the collection data, then – a systematic list of taxa represented in the collection, and finally, the main part – a systematic catalogue including full label data for each specimen. At the end a list of literature and an alphabetical list of taxa mentioned in the catalogue give. Catalogue accompanied black and white as well as color photos of the pretty collection specimens of butterflies.

Your comments and suggestions to the author of this catalogue, as well as orders for it can be sent to the author by e-mail: va-korolev@bk.ru.

¹ Korolev V.A. Catalogus on the collection of Lepidoptera. Part I. *Hesperiidae*. – Moscow, 2014, - 310 p. ISBN 978-5-00077-066-5

Introduction

This monograph is dedicated to Sergei Korolev – my son and helpers collecting of butterflies

In the presented Part II of the Catalogue describes the private collection of butterflies (*Lepidoptera*) of subfamilies *Baroniinae*, *Parnassinae* and *Papilioninae* in the family *Papilionidae*, collected by the author over a period of about 50 years. This Catalogue is intended for professional's lepidopterists, and for a wide range of fans of butterflies, including Swallowtail butterflies (*Papilionidae*).

Family *Papilionidae* – one of the favorite among collectors of the World. They are attracted by the beauty of butterflies and their extraordinary diversity. Collections of Swallowtail butterflies are widely represented in many museums around the world. Nevertheless, we cannot say so far, that this family is fully and fairly well understood. Many questions on the biology, ecology, distribution and particularly taxonomy of Swallowtail butterflies still unsolved. Many questions of intraspecific variation taxonomy are particularly difficult. Systematics and phylogeny of Swallowtail butterflies successfully solved recently by using the latest molecular biology techniques.

According to Häuser, C.L. et al., (2010) 552 extant species have been identified. But, almost every year lepidopterist find and describe new species of Swallowtail butterflies in different parts of the world.

The name “swallowtail” refers to a tail-like extension on the edge of the hindwing that is found in many, though not all, papilionids. The function of this tail is not known, but genetic studies in some species of *Papilio* suggest the tail is a labile character whose expression is controlled by a single gene (Clarke and Sheppard 1960; Clarke et al. 1968).

The distribution of Swallowtail butterflies is very specifically. They are distributed across the tropical and temperate regions of all continents except Antarctica.

Various species of Swallowtail inhabit altitudes ranging from sea level to high mountains, as in the case of most species of *Parnassius*. The majority of swallowtail species and the greatest diversity in form and lifestyle are found in the tropics and subtropical regions between 20°N and 20°S, particularly Southeast Asia, and between 20°N and 40°N in East Asia. Only 12 species are found in Europe and only one species, *Papilio Sachaon* is found in the British Isles (Coombs S., 2010). North America has 40 species, including several tropical species and *Parnassius*

A phylogeny of the *Papilionidae* based on Nazari (2006, 2007) is given. The subfamily *Baroniinae* is represented by the sole representative species *Baronia brevicornis*. They are unique in the family to use the *Fabaceae* (*Leguminosae*) as their larval host plants. The *Parnassinae*, like the *Papilioninae*, were also believed to be monophyletic based on morphological studies but recent studies based on both morphological and molecular characteristics suggest that this is not the case. It is now accepted that the subfamily *Papilioninae* is monophyletic. The Swallowtail butterflies in the nominate tribe *Papilionini* number about 225 species and studies have been made on their host-plant coevolution and phylogeny. The family *Papilionidae* includes the largest butterflies in the world, the birdwing butterflies of the genus *Ornithoptera*.

The usefulness of such a Catalogue for the scientists determined that it contains detailed information on the distribution of Swallowtails and the time period of their flight. These numbers are printed on the labels of Swallowtails. Using this data you can perform various zoogeographical

and faunal studies in different regions of the world where going to a *Papilionidae*. Among these regions the most widely represented in the *Papilioiidae* collection of Palearctic region, especially the European and Asian parts of Russia. In addition, the *Papilionidae* collection features Oriental Region (South Asia), Afrotropical Region, the Nearctic and Neotropical Regions.

Along with the data labels in the catalog also contains photos of lot taxa of Swallowtail butterflies. A considerable number of species of *Papilionidae* presented in the tables on the color photographs in the book. This makes it possible to use the Catalog and as a determinant of *Papilionidae*. Catalogue is also provided with an alphabetical list of taxa. This makes it easy to find the taxon in the collection. Also equipped with a systematic catalog of the list of Swallowtails species and subspecies. With it, you can also easily find the necessary taxon Swallowtails.

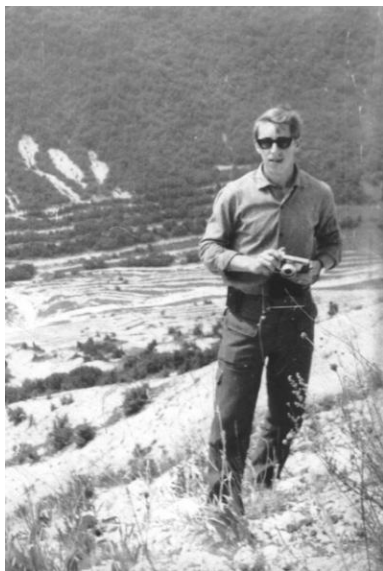
This book was created with the support of my many colleagues who collect butterflies, as well as studying the fauna and systematics of *Papilionidae*. I thank them for their help, consultations and support, and for providing the collection material. I especially G.D. Samodurov (Korolev-city, Moscow Region), A.N. Samus (Volgograd), D.V.Sobanin (Voronezh), Dr. A.N.Strel'tsov (Blagoveshchensk), Yu.I.Berezhnoi, Y.Shevchin and others. I am grateful to the thank Dr. V.K. Tuzov (Moscow) for reviewing the manuscript and made valuable comments. Also I am grateful to my son – Sergei Korolev, who accompanied me to travel, endured hardships with me and helped to catch butterflies.

The author wish to express his deepest gratitude to all persons and organizations who facilitated their field and laboratory studies.

HISTORY OF PAPILIONIDAE COLLECTION

The history of my butterflies collection family *Papilionidae* has since the inception of the 1960s, ie the period of my interest in butterflies. My first collection of butterflies were made in the summer, when my family moved to the summer holidays and vacations at our cottage near Moscow in the surroundings Khimki-city, which was at that time between the villages of New Butakovo and Aleshkino. Now on the place of this gardening Moscow Ring Road passes, but partly preserved the forest adjacent to gardening, where I basically caught butterflies. Now it is “Aleshkinsky forest”, which logged in the number of protected forest parks of Moscow.

Every beginner collector of butterflies wanted to catch the biggest and most beautiful of them - Swallowtail butterflies. However, in this place Swallowtails not met me. Though among them *Papilio machaon* L. and *Iphiclides podalirius* L. were possible here. They were my dream. I was not at that time sufficient experience and knowledge to find the right species of butterflies. And I could only hope to chance. It was only years later, when my collection expanded geography, and I became to collect in the Caucasus and Crimea, I was able to catch their own first Swallowtails.



V.A.Korolev, the Crimea, Besh-Kosh Mt.,
1970



V.A.Korolev, North Caucasus, Karachaevo-
Cherkesiya, 1970

Enrolling to study in the Geological Faculty of Moscow State University named M.V.Lomonosov, I began to go on geological practice and geological expedition to the Crimea (1970), the North Caucasus, and later - in Central Asia (Kazakhstan and Tajikistan). During these

visits, I tried to catch the local butterflies, including course and Swallowtails. In the 1970s, almost every summer I went on an expedition to the North Caucasus, and I spent almost butterflies gathering around North Caucasus from of Adygea Krasnodar Territory in the west to the Kalmyk steppes and valleys Kuma-river in the east. I still remember what *Iphiclides podalirius* L. was abundance on the shores of Sengileysky Lake near Stavropol in 1970! And in the other places of North Caucasus, near Mineral Waters, Pyatigorsk, Essentuki and Kislovodsk these Swallowtails were plentiful. Besides *Zerynthia polyxena* also lived here, and in the mountains *Parnassius apollo* and *P. nordmanni* were here.

Since 1977, and for nearly ten years, I have become an annual ride in the Crimean Mountains, where I taught the geological practice with students in the area of Prohladnoe village in Bakhchisaray district (1977-1985). During these years, my collection of Swallowtails replenished local Crimean *Papilio machaon* L. and *Iphiclides podalirius* L. of different generations and from different places. Since the early 1980s, my son, Sergei, whom I took along the Crimea, began to actively assist in the collection of the Crimean butterflies, including Swallowtails. In the Crimea, he had a lot of free time (unlike me, since I worked with the students every day) and could catch butterflies every day. Here in the Crimean base of MSU butterflies lived everywhere in large quantities. Especially a lot of species of butterflies have met on the slopes of mountains Selbukhra, Prisyazhnaya, Besh-Kosh, on floral forb meadows covering the surface of the quest, in the canyons and ravines.



Vladimir & Sergey Korolev, the Crimea, Big Canyon, 1984

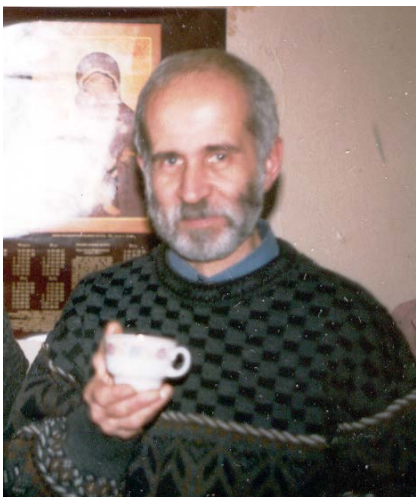
However, in the Crimea, as we know, there are only three species of *Papilionidae*, but I wanted to finally catch yourself *Paparnassius* and other Swallowtails, most species of which are inhabited in the mountains of Central Asia, the Altai and the Far East. The magnificent swallowtail of Maak (*Papilio maackii* Ménétrés, 1859) from the Far East at that date seemed a pipe dream, because then a trip to these places is not possible for various reasons.



V.A.Korolev, the Crimea, Chufut-Kale, 1980



V.A.Korolev, the Crimea, Eski-Kermen Mt., 1980



A.P.Reznichenko, 1996 (photo by V.A.Korolev)



V.A.Ganson, 2005 (photo by V.A.Korolev)

It so happened that my first *Papilio machaon* in the Moscow region, I caught only in 1990 at the Zvenigorod Biological Station of Moscow State University in the surroundings Lutsino village (Odintsovo district). Here I also teach the geological practice with students of MSU.

Later I caught Swallowtails here regularly, and I caught them in the village in the Stupino district of Moscow region in the valley Severka river (Blagovskoe village, 2005-2014.). Where this butterfly appeared regularly on the hottest days in mid-July and after about week completely disappeared. But then, in late July and August on umbellate could find many swallowtail caterpillars, of which butterflies feed and successfully take out.

Starting from the 1980s, my constant companion in tours and expeditions for butterflies became my son - Sergei, with whom we collect at first in the Crimea (1980-1985) and then in the Tien Shan (1990-1996) and Southern Urals (1994). A significant number of Swallowtails in my collection were collected by Sergei, as reflected on the respective labels. Later Sergei became self-catch butterflies for me during his holiday and while traveling abroad in Greece, Spain, Italy, Croatia and other countries.



V.A.Korolev, Tien-Shan, Kungey Alatau Mts., loc. Oi-Tal village, 1990



S.V. & V.A.Korolev near N.M.Przhevalsky memorial, Przhevalsk-city (Karakol), 1990

My acquaintance with a work colleague in the Department of engineering geology at MSU - A.P.Reznichenko was the impetus for organizing the trip to Central Asia for butterflies. A.P.Reznichenko fond of mountaineering and on vacation with his family, he went to the mountains of Central Asia. In 1989 he visited the Fan Mountains (Zerafshan range), from knowing about my hobby butterflies, he brought me interesting fees of butterflies, including local *Parnassius*. Inspired by his stories about the abundance of gorgeous butterflies in Central Asian mountains, I decided the next year to go on holiday with my son in Central Asia.

Also in 1990, I met in MSU with A.L.Devyatkin - the largest specialist skippers (*Hesperidae*). He advised me to join the Society of Naturalists entomological section headed while

V.A.Ganson – the great connoisseur of butterflies. A.L.Devyatkin helped me identify many species of butterflies. From him I received through the exchange in its collection a series of his duties *Hypermnestra helios persica* Neuburger, 1900 on the Kopet Dagh (Kara-Kala, Syunt) in 1983-1984. And later many other species of swallowtails from different places in the former USSR and abroad.



S.V. & V.A.Korolev, Inner Tien-Shan, At-Bashi Mts., 1990



V.A. & S.V. Korolev, At-Bashi Mts., caravanserai Tash-Rabat, 1990

From that time my collection of substantial replenishment of swallowtails, as well as other butterflies. I became a member of the Moscow Society of Naturalists, Entomological section, which met in the Zoological Museum of Moscow State University. There I met many prominent Moscow lepidopterist, which consultations and exchange material with them contributed to further replenish of my collection.

Among them were O.Amosov, P.V.Beda, P.V.Bogdanov, A.P.Generalov, O.G.Gorbunov, A.V.Gurko, A.V.Danchenko, A.L.Devyatkin (1957-2012), A.A.Evstigneev, A.Ermakov, A.N.Zamesov, Iroshnikov, L.V.Kaabak, V.I.Kipnis (1923-2003), A.V.Kiryranov, I.A.Klimov, N.V.Korostelev, I.V.Kuznetsov, L.N.Mazin, M.B.Marhasev, E.M.Matveev, V.S.Murzin (1927-2007), L.V.Nikolaevsky (1935-2001), S.K.Sazonov, G.D.Samodurov, A.V.Sviridov, V.V.Sinyaev, Yu.V.Sveshnikov, L.N.Solntsev, V.P.Solyanikov (1921-2006) A.V.Sochivko, E.A.Tarasov, V.V.Titov, V.K.Tuzov, L.L.Chernyshov, V.B.Chernyshev, S.V.Churkin and many others.

So, inspired A.P.Reznichenko parting words, in 1989, I began to prepare for a trip to the Tien Shan. Finally, in 1990 this journey took place. This also contributed to my acquaintance with Kyrgyz colleague, also engineer geologist – professor K.A.Kozhobaev. He kindly took me and my son Sergei on Issyk-Kul Lake in the Oi-Tal village at the foot of the southern slope Kungei Alatau. Later he organized to us a fun trip to the Inner Tien Shan - in At-Bashi Mts.

In 1990 on mountains of Kungei Alatau I and Sergei got the first experience of self-climbing in these mountains (because have not been in the real mountains). Also we have the experience catching butterflies in the mountains. Of course, at our experience of the Crimean Mountains we came in handy, but in the highlands it was not so, as in the Crimea. We spent several days in Oi-Tal, engaged catching butterflies on the surrounding slopes, visited Przheval'sk (now Karakol-city) in the eastern part of Issykkul, and then we moved to the southwest in At-Bashi-city. Along the way we overcame Dolon pass and drove a significant part of the valley of the Naryn River.



S.V.Korolev with the first *Parnassius tianschanicus*, Tash-Rabat, 1990



Dr. K.A.Kozhobaev, 2014 (photo by V.A.Korolev)



V.A.Korolev, N.Tien-Shan, Kirghizian Mts., glacier Ak-Sai, 1992



S.V.Korolev catch butterfly, Kirghizian Mts.,
valley Ala-Archa river, 1992



S.V.Korolev, Kirghizian Mts., glacier Ak-
Sai, 1992

In the vicinity of At-Bashi, we have taken several large excursions in the neighborhood: the northern slope of the At-Bashi Mts. (where in the mountains we were exposed to rain and snow due to the abrupt change of weather), in the vicinity of the At-Bashi in the mountains of solitudes Koshoy Korogon and finally, in the southwestern part of the range of At-Bashi - on the caravan route to the mountain lake Chatyrkel - near the caravanserai Tash Rabat, surrounded by alpine mountain meadows with an abundance of butterflies. There we managed to find a few interesting *Parnassius* species. It was the local subspecies *Parnassius tianschanicus*, *P. actius* and *P. mnemosyne*.

A year later, in 1992, I and Sergei took a butterfly's trip back in the Tien Shan. This time we decided to explore the valley of the Ala-Archa river on the Kyrgyz Mountains in the central part of the Tien Shan. We got to the headwaters of the Ala-Archa in the waterfall area Ak-Sai Glacier. As it turned out, it was a popular place for climbers to ascend the glacier and are near the top. Located in a tent at the foot of the glacier, we catch a few days of local butterflies, including *Parnassius*.

Then we moved to another place, descending into the valley of the Ala-Archa river and turning into one of its tributaries, right up into the mountains towards the peak Komsomolets. There we also camped for several days and were engaged in catching butterflies, including Swallowtails. Then again we went down to the valley of Ala-Archa river and so making a few stops of the camp, a few days we left in the mouth of the valley in the foothills of the Kyrgyz Range. There in one of the holes we had the last camp, and then we went back to Bishkek-city.

First *Parnassius* from the Moscow region in my collection have appeared due to familiarity with G.D.Samodurov, that since the mid-1970s regularly collected in Oka-Terrace Reserve. It was a *Parnassius mnemosyne weidingeri* (Bryk & Eisner, 1932) collected in 1975. Through the exchange and a gift I bought him a host of other species *Parnassius* from the different regions of Central Asia, including - *Parnassius staudingeri infernalis* Elwes, 1886 from the area to the east Bordobo on Transalai Range (1981).i

In 1994 my son and I took a trip out to the South Urals butterflies in the valley in Sakmara river in vicinity Churaevo village. One of the goals of this trip was to find the largest subspecies of apollo - *Parnassius apollo limicola* Stichel, 1906, described from the Southern Urals. Arriving by train to Karamken then we got by bus to the Churaevo village, where his final stop. Further down the Sakmara valley started gentle hills and the Ural Mountains to the side where we went.



Vladimir & Sergey Korolev, South Ural, Churaevo village vicinity, 1994



S.V.Korolev catch butterfly, South Ural, Churaevo village vicinity, 1994



V.A.Korolev catch butterfly, South Ural, Sakmara river valley, 1994



V.A.Korolev with *Parnassius apollo limicola*, South Ural, Churaevo vil. vicinity, 1994



V.A.Korolev, South Ural, Sakmara river valley, 1994

After hiking trek we camped on one of the slopes and began to catch butterflies, which was there in abundance. But *Parnassius* was not here. A day later we moved to another place in their quest.

Finally on one of the rocky ridges we found host plant of this butterfly - stonecrop (*Sedum*). On stonecrop the large females of *apollo* sat quietly, doing his thing - oviposition. Size of some of these butterflies were really impressive - the scope of their wings females reached 10 cm in females soon became males arrive. As a result, here we were able to gather here a representative series of *Parnassius apollo limicola* Stichel, 1906. Later I learned that many rare species of *Parnassius* lepidopterists looking by their host plants. For example, it is so rare and elusive *Parnassius autocrator* was found in the Pamirs.

For a long time I could not get to my collection *Zerynthia polyxena* Denis & Schiffermüller, 1775), when, finally, this butterfly I have from the meeting V.A.Alyavdin (Lipetsk), as well as for exchange with the Transcarpathian lepidopterist S.G. Popov, it caught out in the valley Tissa river in 1992.

But most large series of this butterfly, I received for gift from my former graduate student and enthusiastic lepidopterist from Volgograd - A.N.Samus. Extensive series *Zerynthia polyxena thesto* Fruhstorfer, 1908 he collected in different parts of the Volgograd Region (2002-2004). A.N.Samus presented to my collection many other swallowtails and among of them - one of the rarest butterflies - two specimens of *Parnassius arcticus* (Eisner, 1968), collected by him in Yakutia (Suntar-Hayata Mts.) and civilly presented to me.

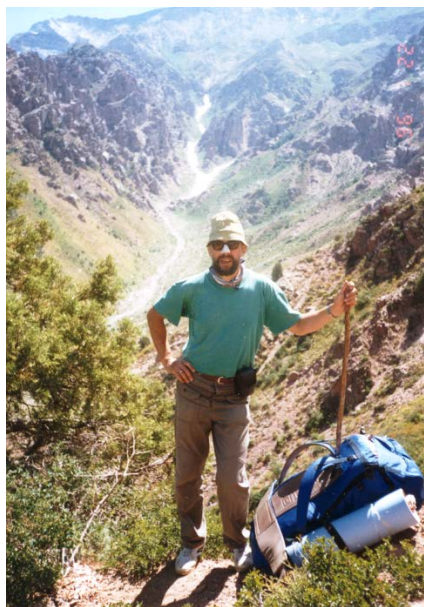
Swallowtails from different regions of the European part of Russia, Western Siberia and Altai I acquired or exchanged from many Russian lepidopterists, including at V.Zolotuhin, S.A.Knyazev, S.B.Gundorov (1971-2012), Yu.I.Berezhnoi, R.V.Yakovlev, E.I.Malikova, V.Zurilina, Yu.Shevnin, B.Holodov and many others.

By to exchange material with V.Titov on Entomology section of Moscow Naturalists society I received Swallowtails from the Caucasus and Southern Primorye (1988).

In 1996 Sergei and I took a trip to Uzbekistan Western Tien Shan - the area on the Big Chimgan (Chatkalsky Ridge). Our aim, among other things, was to find *Papilio alexanor* and local *Parnassius*.

Hard to get to camp "Chimghan" we climbed up the valley of Ak-Sai Glacier and camped on one of the slopes, enjoying Big Chimgan and collecting different butterflies, which then had an abundance. However, there were not many Swallowtails and *Papilio alexanor* was never found. We changed twice a parking place, took difficult ascent of the Big Chimghan Mt., but never found them. Nevertheless, a few days spent here we collected a significant amount of butterfly species and were pleased with the trip.

The oldest Swallowtails fees from the Altai, in particular - *Parnassius ariadne* [Lederer, 1853], in my collection belong to V.G.Mahat (Narymsky Mts., 1986) and S.Sazonov (Shebalino, 1988), with which I was familiar to Entomology section of Moscow Society of Naturalists and to exchange material. From Buryatia in the collection there are Swallowtails which was collected by V.G.Mahat in Tunkinskie Goltsy (1993), etc.



V.A.Korolev, West Tien-Shan, go up on Big Chimgan Mt., 1996.



V.A.Korolev, West Tien-Shan, Chatkal Mts., Ak-Sai, 1996



S.V.Korolev near entomological collection in Museum of natural history of Tashkent-city, Uzbekistan, 1996

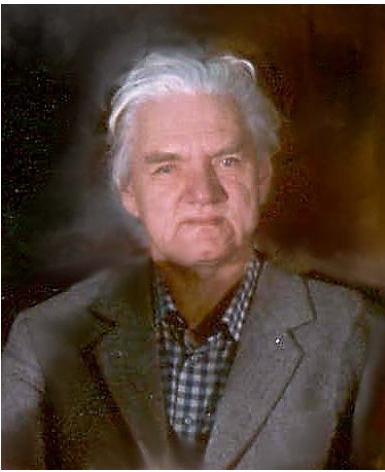
Recharge of swallowtails collection from the Far East is due to start exploring with A.N.Streltsov (Blagoveshchensk) and A.Yu.Kapkaev (Komsomolsk-on-Amur). In the collection there are also collections from the Far East of L.A.Nikolaevsky (1935-2001), Yu.N.Gluschenko (Khabarovsk terr., 1991) V.D.Nebaykin, Yu.I.Berezhnoy, M.I.Golovushkin, A.Timchenko, A.Gulyaev and other Russian entomologists.



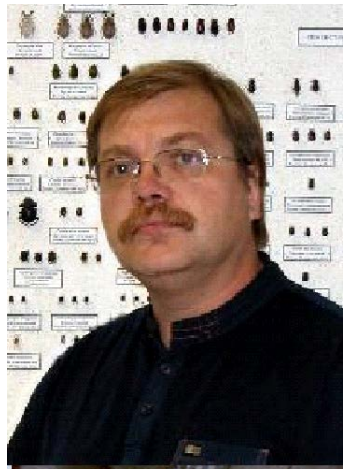
V.A.Korolev, Mexico, 2002



A.N.Samus, Yakutia (Sakha), 2010



L.A.Nikolaevsky (1935-2001)



A.N.Strel'tsov



V.A.Korolev & V.V.Tchikolovets, Moscow, April 2004

The most difficult was held replenishment collection of swallowtails from remote areas of Yakutia and Magadan region. In my collection the oldest collections belongs to lepidopterist from Karamken village V.V.Palcha, Magadan region (1989) and collections of V.Fedorov (1989) from Ege-Hal village in Yakutia. But the most extensive series of swallowtails from the Magadan region

came to me from my student O.A.Babakina, collected with his father in the surroundings Karamken village and Hasyn river valley in 1993-1997. Among them were collections of *Parnassius evermanni vosnessenskii* [Menetries] in Semaschko, 1850 and *Parnassius tenedius britae* Bryk, 1932.

As a result, I have formed a complete collection of all the swallowtails fauna in Russia, including the vast majority of subspecies.

Simultaneously there was a collection of swallowtails and replenishment it from the republics of the former USSR. Familiarity with A.A.Evstigneev and exchange material with him joined my collection of butterflies swallowtails his specimens in different areas of the Kopet Dagh (1991), Tien Shan and Pamir-Alai (Peter I Mts., 1989) and others.



V.A.Korolev & S.A.Toropov, Moscow, 2013

Replenishment of the swallowtail collection contributed my familiarity with the beginning of the 1990s with V.V.Chikolovets, happened many times in my home. I received from him (in exchange) a lot of different specimens of *Parnassius* from many regions of Central Asia: the Tien Shan and Pamir-Alai.

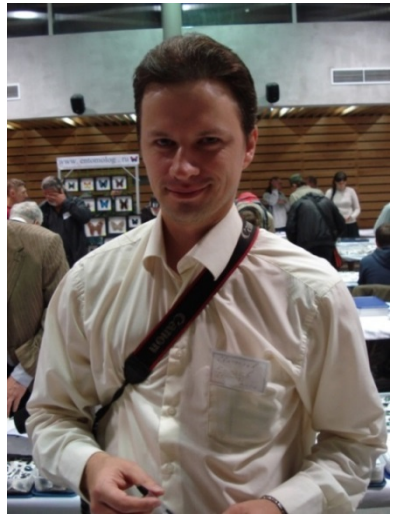
Correspondence acquaintance, and exchange of material with the Saratov entomologist S.B.Gundorov (1971-2012) joined my collection of swallowtails his specimens from Central Asia (Alai, 1991, etc.) and the Caucasus (Georgia, Armenia, 1996). In addition, the collection includes swallowtails collections from the Caucasus (Armenia) of V.Hambartsumian, Yu.Shevnin etc.

The oldest swallowtail specimens from the Pamirs in my collection (*Parnassius charltonius vaparosus* Avinov, 1916 etc.) belong to M.A.Zagulyaev, which collected on Shugnong Ridge (Sangou Dara) in 1969-1972, as well as Kadamshoev (Khorog, 1987, 1990), V.P.Losmanov (Khorog, 1988) and I.G.Plujtsch (Shugnansky Mts., 1989).

In addition, there are swallowtails in the collection of I.G.Plujtsch in different regions of the Tien Shan, Alai (1989), Dzungaria and Afghanistan, including *Parnassius charltonius sochivkoi* Churkin, 2009, *Parnassius staudingeri jacobsoni* Avinov, 1913, *Parnassius boedromius sokolovi* Kreuzberg, 1990, etc.



V.A.Korolev, Greece, Korfu, 2011



S.A.Knyazev, Moscow, 2013 (photo of V.A.Korolev)



V.A.Korolev & I.G.Plujtsch, Moscow, 2013

As a result, a very complete collection of swallowtails throughout the Soviet Union have been formed. It included all species and subspecies of butterflies subfamily *Papilioninae* and the

vast majority of species and subspecies of the subfamily *Parnassiinae* butterflies territory of the former USSR.

Later my interests and geography swallowtail collection gradually expanded and moved beyond the USSR; I began to collect swallowtail butterflies from the western and southern Europe (Greece, Spain, and Bulgaria, etc.), Southeast Asia, South and North America, Africa and other regions that have engulfed the world.

In the Soviet period to make foreign exchange butterflies, and collect abroad was nearly impossible. Therefore, among Moscow lepidopterists and other cities of the USSR few fond of collecting tropical butterflies - they were the majority of fans are not available. But later, with the collapse of the Soviet Union since the early 1990s, it became possible to travel abroad to collect butterflies in almost any country. Collectors from Russia began to travel to collect butterflies in Indonesia, Thailand, Nepal, China, Peru and many other countries, where the market for entomological collectors there are many tropical butterflies.

With the advent of Internet communication between collectors, both in the Russian and foreign colleagues further expanded. In the same period there was the trade through the Internet, which significantly facilitated the acquisition of butterflies from different countries in Asia, Africa, America and Australia. There were many trading companies, specializing in the sale of entomological material via the Internet. I also began to use the Internet to replenish my swallowtail collection.



D.V. Sobanin & V.A. Korolev, Moscow, 2013

The oldest swallowtail specimens from Western Europe in my collection - it charges the Spanish lepidopterist A.Korraleno, collected from in 1980-1985 in different Spanish provinces, and with whom I spent the exchange of collection material. Among his collections of this period in the collection are a series of different subspecies of Spanish *Zerynthia rumina* etc. Also in the collection I have swallowtails of R.Vaskues from the province of Huelva.

Many swallowtails from around the world came to my collection by purchase or exchange of material with V.K. Tuzov having among Russian collectors one of the most comprehensive private collections of tropical butterflies, including swallowtails.



A.V. Sochivko, Moscow, 2005



O.V. Pak, Moscow, 2014

Among other Western European collectors whose swallowtail specimens are in my collection, it should be noted Belgian lepidopterists Zh. Veruls (his collections in Crete, 1999, in Turkey, 1986-2000, and in Israel, 1985), F. Fastré (collections in Turkey, 1987-2001), D. Dumont (collections in Lebanon, 1999), F. Bolland (collections in Turkey, 1986) A. Legren (collections in Turkey, 1987), Jean-K. Weiss (collections in Turkey 1988), the Iranian Haz-Kozegi (collections in Iran, 2000), etc. By purchasing from Ukrainian entomologist O.V. Pak I deposited the collection of various swallowtails from Afghanistan involving both the O.V. Pak and his Ukrainian colleagues E. Ivanova, I.G. Plujtsch, etc.

Syria specimens of local subspecies *Iphioides podalirius virgatus* (Butler, 1865) gave me my Syrian graduate student F. Huikhi (loc. Hama, 1988). From the Chinese Tibet the oldest swallowtail specimens in my collection belong to O. Ammosov, collected in 1995 in the surroundings Koro-La at an altitude of 5.4 km and there are lots to collect *Parnassius acedestis lathonius* (Bryk, 1913), and others.

A large number of swallowtails from Southeast Asia was purchased by me from the Austrian entomologist A. Mueller, as well as in domestic (D. Sobanin, etc.) and foreign dealers and firms involved in the supply of entomological material. In the end, I managed to collect almost all kinds *Ornithoptera*, except for the gap-catch, trade and export *Ornithoptera alexandrae* Rothschild, 1907) - the largest daily butterfly world, and also to collect the vast number of species of other equally beautiful butterflies of genus *Troides*.

From the North America's most old swallowtail specimens in my collection belong S. Koehler, collected in 1981 in Montana (instances *Parnassius smintheus montanula* Bryk & Eisner, 1935), as well as collections of K. Torn from the U.S. and Canada.

The collection of swallowtails the world, presented in this catalogue, is a result of this long-term work. Now it has more than 2 thousand specimens of Swallowtails butterflies. Its characteristics and statistics presented in the next chapter.

CHARACTERISTIC OF THE COLLECTION

Just a family *Papilionidae*, there are more than 550 species of butterflies of the world fauna (by 2011, 566 species have been described). The collection includes about 400 species (near 70% of the currently known) and 700 subspecies. Most of them are common and widespread species of Swallowtail butterflies. However, there are also rare species or numerically small.

Any collection of butterflies (even the smallest) often contains interesting species and specimens. Therefore, the scientific value of entomological collections cannot be determined only by the stored specimens. There are important and their quality, as well as the selection of the collection itself. Presented collection does not contain types of *Papilionidae*, but there is a lot of topotypes – more than 160.

The collection catalogue is given for a systematic basis. In this case, we relied on recent works on the taxonomy of family *Papilionidae*. Among of them are publications of C.L.Hauser et al., (2010); R.D. Reed et al., (2010); V.Nazari (2006); T.Racheli & A.M.Cotton (2009) and others.

Despite the fact that this family is well studied, there are still questions about its taxonomy. According to Racheli & Cotton (2009): “In modern times, Vane-Wright (2003b) indicated that the group as a whole appears monophyletic. This is based on the characters given above namely the free vein 1a of forewing (Miller, 1987; diagnostic, even though it might seem plesiomorphic), extended third axillary sclerite of forewing base (de Jong et al. 1996), joined cervical sclerites (Kristensen, 1976; Miller 1987), quadridrif cubitus (Clench 1955; also occurs in dismorphiine pierids), and especially the unique eversible osmeterium of the larval prothorax, confirmed by Vazquez, L. G. & Perez, H. (1967) for *Baronia*.

Moreover, Vane-Wright (2003b) pointed out that the division of *Papilionidae* into three subfamilies (based on Ehrlich 1958) is now accepted worldwide. The *Baroniinae* (with one species limited to Mexico) form a very distinct clade, the characters of which include unique patagia (Ehrlich, 1958), curiously thickened forewing radial vein, unusual membranous lateral lobe to male valve (Miller, 1987), and a special female scent organ (Hauser, 1992). Although *Baronia* is widely accepted as the stem lineage of the family (e.g., Munroe and Ehrlich, 1960; Hancock, 1983; Tyler et al., 1994), in the cladistic analyses of de Jong et al. (1996) it did not emerge as sister to the remaining *Papilionidae*; instead, this position was most often occupied by *Parnassius*. The *Parnassinae*, which include up to 80 species in 8 genera, can be linked by their asymmetrical tarsal claws and highly sclerotized aedeagus and ostium. However, these features are absent in *Hypermnestra*, which should perhaps be excluded (see: Hiura, 1980 and Hauser, 1993). Thus the *Pamassiinae* might represent a paraphyletic lineage to the rest of the *Papilionidae* (*Baroniinae* and *Papilioninae*). Caterino et al. (2001) have found evidence from mitochondrial and nuclear DNA data that the *Pamassiinae* are indeed most probably paraphyletic, but in most of their analyses *Baronia* remained in stem position; unfortunately they did not obtain sequences for *Hypermnestra*. Yagi et al. (1999), from mitochondrial DNA evidence, also suggest that the *Pamassiinae* may not be monophyletic. These findings may not be reliable due to the authors analyzing only the few species occurring in Japan.

Recently, based on molecular evidence, Nazari et al. (2007) confirmed sister-group relationships between *Hypermnestra* and *Parnassius*, and between *Archon* and *Luehdorjia*.

Monophyly of *Pamassiinae* is weakly supported and they recognize three tribes within it namely *Pamassiini*, *Luehdorfini* and *Zerynthini*”.

There are 3 subfamilies presented in this 2 part of Catalogus: *Baroniinae*, *Parnassiinae* and *Papilionidae*. Statistical data collection are presented in the table.

Table

The statistical data of *Papilionidae* collection

Subfamily	Tribe	Number of species in the world	Number of species in the collection (%)	Number of subspecies in the collection	Number of topotypes in the collection
<i>Baroniinae</i>		1	1 (100)	1	1
<i>Parnassiinae</i>	<i>Parnassiini</i>	50	48 (96)	162	18
	<i>Luehdorfini</i>	6	6 (100)	10	4
	<i>Zerynthini</i>	10	10 (100)	19	7
<i>Papilioninae</i>	<i>Leptocircini</i>	144	83 (58)	133	28
	<i>Teinopalpini</i>	2	2 (100)	3	2
	<i>Troidini</i>	130	76 (60)	128	50
	<i>Papilionini</i>	209	156 (75)	214	55
Total:		552	382 (70)	670	165

In the Subfamily *Baroniinae* Bryk, 1913 distinguished only 1 genus – *Baronia* Salvin, 1893. It is the monotypic genus, presented by 1 neotropic species - *Baronia brevicornis* Salvin, 1893, in the collection – 1 (100 % from described).

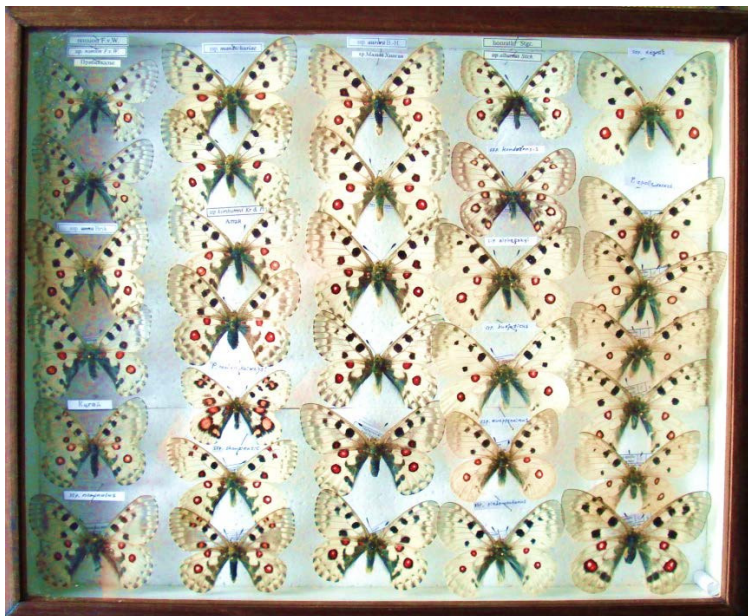
In the Subfamily *Parnassiinae* Duponchel, [1835] 3 tribes distinguished (*Luehdorfini*, *Parnassiini* and *Zerynthini*), that all are represented in the collection. Total there are about 67 species of butterflies in this subfamily, including the collection represented 63 species (or 94% of known). In the subfamily allocated 13 genera, all of which are represented in the collection.

48 species presented in the collection, which belong to the tribe *Parnassiini* (or 96%). Among them, 162 subspecies and 18 topotypes are presented in it. The tribes *Luehdorfini* and *Zerynthini* are represented fully (100%). They contained in the collection 11 topotypes.

The Phylogeny of the genus *Parnassius* not fully understood. According V.Nazari (2006), eight subgenera are generally recognized within genus *Parnassius*, as follows (in chronological order; from Bryk, 1935; Häuser et al., 2005; Savela, 2005): subgenus *Parnassius* Latreille, 1804. Type species: *Papilio apollo* Linnaeus, 1758; subgenus *Koramius* Moore, [1902]. Type species: *Parnassius delphius* Eversmann, 1840; subgenus *Tadumia* Moore, [1902]. Type species: *Papilio acco* Gray, 1852; subgenus *Kailasius* Moore, [1902]. Type species: *Parnassius charltonii* Gray, 1852; subgenus *Eukoramius* Bryk, 1935. Type species: *Parnassius imperator* Oberthür, 1883; subgenus *Lingamius* Bryk, 1935. Type species: *Parnassius hardwickii* Gray, 1831; subgenus *Driopa* Korshunov, 1988. Type species: *Papilio mnemosyne* Linnaeus, 1758; and subgenus *Sachaia* Korshunov, 1988. Type species: *Parnassius tenedius* Eversmann, 1851.

But all of these genus-level names, together with a few others that are generally overlooked (e.g. *Erythrodriopa* Korshunov, 1988; *Adoritis* Koçak, 1989; *Quinhaicus* Korshonov, 1990, and *Kreizbergius* Korshunov, 1990), have been synonymized with *Parnassius* (Munroe, 1961; Hesselbarth et al., 1995), although they are still used to designate “species-groups” within the genus (Omoto et al., 2004; Häuser et al., 2005).

More recent treatments are confined to grouping *Parnassius* species under a number of species-groups that may not correspond to the subgeneric classification (Weiss, 1991-2005; Tshikolovets, 1998-2003). The number of species included in each of these subgenera (or species-groups) varies in checklists (e.g. see Bryk, 1935; Häuser et al., 2005).



One of the collection boxes with *Parnassius*

Therefore in the presented Catalogue the phylogeny of subfamily *Parnassiinae* and genus *Parnassius* is given according to revised GloBIS/GART species checklist and Häuser et al., (2005, 2010).

Four tribes contains in the subfamily *Papilioninae*. In general, they are about 385 species, in a collection of 317 species are presented. This make up about 82% of the total species of this subfamily. The tribe *Leptocircini* represented in the collection by 58%, the tribe *Troidini* - by 60%, and the tribe *Papilionini* - 75% of the total number of species.

In addition, the collection of subfamily *Papilioninae* contains 478 subspecies. Among them there are 135 topotypes. Just a collection of *Papilionidae* presented about 670 taxa of subspecies rank and more than 160 topotypes (at about 290 specimens).

Along with this, the color aberration and the form butterflies (which have infrasubspecific status) are also widely presented in the collection. This makes it possible to judge the various intraspecific variations of Swallowtail butterflies.

Thus, in general, presented a collection of *Papilionidae* allows adequately judge this family.

CHECK LIST

Systematic check list of species *Papilionidae* that are represented in the collection, is given below. It includes all the currently known genera of the family *Papilionidae* (32 genera).

Superfamily PAPHIONOIDEA
Family PAPHIONIDAE Latreille, [1802]
Subfamily BARONIINAE Bryk, 1913

Genus *Baronia* Salvin, 1893

1. *Baronia brevicornis brevicornis* Salvin, 1893

Subfamily PARNASSIINAE Duponchel, [1835]
Tribe PARNASSIINI Duponchel, [1835]

Genus *Hypermnestra* Ménétriés, 1848

2. *Hypermnestra helios helios* (Nickerl, 1846)
3. *Hypermnestra helios maxima* Grum-Grsgimailo, 1890
4. *Hypermnestra helios persica* Neuburger, 1900

Genus *Parnassius* Latreille, 1804

Subgenus *Driopa* Korshunov, 1988

5. *Parnassius (Driopa) ariadne ariadne* [Lederer, 1853]
6. *Parnassius (Driopa) ariadne clarus* Bryk et Eisner, 1933
7. *Parnassius (Driopa) clodius baldur* W.H. Edwards, 1877
8. *Parnassius (Driopa) clodius pseudogallatinus* Bryk, 1913
9. *Parnassius (Driopa) eversmanni eversmanni* ([Menetries in Siamaschko, 1850])
10. *Parnassius (Driopa) eversmanni vosnessenskii* ([Menetries in Siamaschko, 1850])
11. *Parnassius (Driopa) eversmanni gornyiensis* Watanabe, 1998
12. *Parnassius (Driopa) felderi felderi* (Bremer, 1861)
13. *Parnassius (Driopa) felderi maui* (Sheljuzhko, 1914)
14. *Parnassius (Driopa) litoreus* Stichel, 1907
15. *Parnassius (Driopa) mnemosyne republicanus* Peebles & Bryk, 1931
16. *Parnassius (Driopa) mnemosyne parnassia* Bryk, 1932
17. *Parnassius (Driopa) mnemosyne weidingeri* (Bryk & Eisner, 1932)
18. *Parnassius (Driopa) mnemosyne craspedontis* Fruhstorfer, 1909
19. *Parnassius (Driopa) mnemosyne ugrjumovi* Bryk, 1914
20. *Parnassius (Driopa) mnemosyne uralka* (Bryk, 1921)
21. *Parnassius (Driopa) mnemosyne ukrainicus* (Bryk & Eisner, 1932)
22. *Parnassius (Driopa) mnemosyne nubilosus* Christoph, 1873
23. *Parnassius (Driopa) mnemosyne rjabovi* Sheljuzhko, 1935
24. *Parnassius (Driopa) mnemosyne elisabethae* Bryk & Eisner, 1934
25. *Parnassius (Driopa) mnemosyne orientalis* Verity, 1910
26. *Parnassius (Driopa) mnemosyne nivalis* Grose-Smith, 1908
27. *Parnassius (Driopa) mnemosyne valentinae* Sheljuzhko, 1943

28. *Parnassius (Driopa) mnemosyne ochracea* Austaut, 1891
29. *Parnassius (Driopa) mnemosyne gigantea* Staudinger, 1886
30. *Parnassius (Driopa) nordmanni christophi* Bryk & Eisner, 1932
31. *Parnassius (Driopa) orleans orleans* Oberthür, 1890
32. *Parnassius (Driopa) orleans groumi* Oberthür, 1892
33. *Parnassius (Driopa) orleans johanna* Bryk, 1932
34. *Parnassius (Driopa) stubbendorfi stubbendorfi* (Menetries, 1849)
35. *Parnassius (Driopa) stubbendorfi typicus* (Bryk, 1914)
36. *Parnassius (Driopa) stubbendorfi standfussi* (Bryk, 1912)
37. *Parnassius (Driopa) stubbendorfi bodemeyeri* (Bryk, 1914)
38. *Parnassius (Driopa) stubbendorfi koreanus* Verity, 1910
39. *Parnassius (Driopa) stubbendorfi kosterini* Kreuzberg et Pljustch, 1992
40. *Parnassius (Driopa) hoenei hoenei* Schweitzer, 1912
41. *Parnassius (Driopa) hoenei esakii* Nakahara, 1926
42. *Parnassius (Driopa) glacialis tsingtaua* Bang-Haas, 1910

Subgenus *Kailasius* Moore, 1902

43. *Parnassius (Kailasius) autocrator* Avinov, 1913
44. *Parnassius (Kailasius) charltonius romanovi* Grum-Grshimailo, 1885
45. *Parnassius (Kailasius) charltonius vaporosus* Avinov, 1913 (1916)
46. *Parnassius (Kailasius) charltonius sochivkoi* Churkin, 2009
47. *Parnassius (Kailasius) augustus augustus* Fruhstorfer, 1903
48. *Parnassius (Kailasius) imperator musageta* Grum-Grshimailo, 1891
49. *Parnassius (Kailasius) loxias tashkorensis* Kreuzberg, 1984

Subgenus *Koramius* Moore, 1902

50. *Parnassius (Koramius) accestis lathonius* (Bryk, 1913)
51. *Parnassius (Koramius) accestis irenaepphilus* Bryk, 1943
52. *Parnassius (Koramius) accestis roweii* Sorimachi & Morita, 1994
53. *Parnassius (Koramius) cardinal cardinal* Grum-Grshimailo, 1887
54. *Parnassius (Koramius) cardinal djamila* Eisner & Naumann, 1980
55. *Parnassius (Koramius) delphius delphius* (Eversmann, 1843)
56. *Parnassius (Koramius) delphius pulchra* (Eisner, 1939)
57. *Parnassius (Koramius) delphius namanganus* (Staudinger, 1886)
58. *Parnassius (Koramius) delphius menander* Hemming, 1934
59. *Parnassius (Koramius) delphius candidatus* Bang-Haas, 1915
60. *Parnassius (Koramius) delphius constans* Bang-Haas, 1915
61. *Parnassius (Koramius) delphius karaschahrica* Bang-Haas, 1915
62. *Parnassius (Koramius) patricius patricius* Niepelt, 1911
63. *Parnassius (Koramius) maximinus maximinus* Staudinger, 1891
64. *Parnassius (Koramius) maximinus legezina* Bergmann, 1995
65. *Parnassius (Koramius) staudingeri staudingeri* A. Bang-Haas, 1882
66. *Parnassius (Koramius) staudingeri infernalis* Elwes, 1886
67. *Parnassius (Koramius) staudingeri illustris* Grum-Grshimailo, 1888
68. *Parnassius (Koramius) staudingeri hissaricus* Eisner, 1968
69. *Parnassius (Koramius) staudingeri jacobsoni* Avinov, 1913
70. *Parnassius (Koramius) hunza hunza* Grum-Grshimailo, 1888

Subgenus *Parnassius* Latreille, 1804

71. *Parnassius (Parnassius) actius actius* (Eversmann, 1843)
72. *Parnassius (Parnassius) actius minutus* Verity, 1911
73. *Parnassius (Parnassius) actius dubitabilis* Verity, 1910

74. *Parnassius (Parnassius) apollo piedemontanus* Fruhstorfer, 1909
75. *Parnassius (Parnassius) apollo euappenninus* Verity, [1913]
76. *Parnassius (Parnassius) apollo victorialis* Fruhstorfer, 1921 f. *montegrappensis* G. Sala, M. Bollino & de Castro, 1993
77. *Parnassius (Parnassius) apollo moskovitus* Bryk & Eisner, 1938
78. *Parnassius (Parnassius) apollo democratus* Krulikowsky, 1906
79. *Parnassius (Parnassius) apollo limicola* Stichel, 1906
80. *Parnassius (Parnassius) apollo caucasicus* Pagenstecher, 1912
81. *Parnassius (Parnassius) apollo tkatshukovi* Sheljuzhko, 1935
82. *Parnassius (Parnassius) apollo meinhardi* Sheljuzhko, 1924
83. *Parnassius (Parnassius) apollo transiliensis* Eisner, 1966
84. *Parnassius (Parnassius) apollo merzbacheri* Fruhstorfer, 1906
85. *Parnassius (Parnassius) apollo minerva* Bang-Haas, 1910
86. *Parnassius (Parnassius) apollo alpherakyi* Krulikowsky, 1906
87. *Parnassius (Parnassius) apollo regius* Lukhtanov, 1997
88. *Parnassius (Parnassius) apollo burjaticus* Nardelli & Hirschfeld, 1994
89. *Parnassius (Parnassius) apollonius apollonius* (Eversmann, 1847)
90. *Parnassius (Parnassius) apollonius aphrodite* Bryk et Eisner, 1934
91. *Parnassius (Parnassius) apollonius glaucopsis* (Bryk et Eisner, 1934)
92. *Parnassius (Parnassius) apollonius daubi* (Fruhstorfer, 1903)
93. *Parnassius (Parnassius) apollonius gloriosus* (Fruhstorfer, 1904)
94. *Parnassius (Parnassius) apollonius poseidon* (Bryk et Eisner, 1934)
95. *Parnassius (Parnassius) apollonius narynus* Fruhstorfer, 1908
96. *Parnassius (Parnassius) bremeri bremeri* Bremer, 1864
97. *Parnassius (Parnassius) bremeri orotshonica* O.Bang-Haas, 1927
98. *Parnassius (Parnassius) bremeri conjuncta* Staudinger, 1901
99. *Parnassius (Parnassius) bremeri graeseri* Honrath, 1885
100. *Parnassius (Parnassius) amgunensis amgunensis* (Sheljuzhko, 1928)
101. *Parnassius (Parnassius) epaphus nanshanicus* (Austaut, 1889)
102. *Parnassius (Parnassius) epaphus sikkimensis* (Elwes, 1882)
103. *Parnassius (Parnassius) epaphus poeta* Oberthür, 1892
104. *Parnassius (Parnassius) epaphus hasegawai* Sugisawa, 1991
105. *Parnassius (Parnassius) honrathi alburnus* (Stichel, 1907)
106. *Parnassius (Parnassius) honrathi kondarensis* J.J. Shchetkin, 1988
107. *Parnassius (Parnassius) jacquemontii variabilis* Stichel, 1906
108. *Parnassius (Parnassius) jacquemontii rubicundus* Stichel, 1906
109. *Parnassius (Parnassius) jacquemontii pamirus* O.Bang-Haas, 1927
110. *Parnassius (Parnassius) jacquemontii peter* Bryk & Eisner, 1935
111. *Parnassius (Parnassius) nomion nomion* (Fischer De Waldheim, 1823)
112. *Parnassius (Parnassius) nomion nominulus* Staudinger, 1895
113. *Parnassius (Parnassius) nomion mandschuriae* (Oberthur, 1891)
114. *Parnassius (Parnassius) nomion anna* Bryk, 1914
115. *Parnassius (Parnassius) nomion shansiensis* Eisner, 1955
116. *Parnassius (Parnassius) nomion koiwayai* Ohya & Inomata, 1988
117. *Parnassius (Parnassius) nomion korshunovi* Kreuzberg et Pljustsh, 1992
118. *Parnassius (Parnassius) nomion aurora* O.Bang-Haas, 1933
119. *Parnassius (Parnassius) phoebus phoebus* (Fabricius, 1793)
120. *Parnassius (Parnassius) phoebus uralensis* Menetries, 1859
121. *Parnassius (Parnassius) phoebus corybas* (Fisher von Waldheim, 1824)
122. *Parnassius (Parnassius) phoebus intermedius* (Menetries, 1851)
123. *Parnassius (Parnassius) phoebus sedakovi* [Menetries] in Siemaschko, [1850]

124. *Parnassius (Parnassius) phoebus chingizid* Yakovlev, 2006
 125. *Parnassius (Parnassius) sacerdos tessinorum* Fruhstorfer, 1921
 126. *Parnassius (Parnassius) smintheus* Doubleday, [1847]
 127. *Parnassius (Parnassius) smintheus sayii* Edwards, 1863
 128. *Parnassius (Parnassius) smintheus rubina* Wyatt, 1961
 129. *Parnassius (Parnassius) smintheus magnus* W.G. Wright, 1905
 130. *Parnassius (Parnassius) smintheus montanula* Bryk & Eisner, 1935
 131. *Parnassius (Parnassius) tianschanicus tianschanicus* Oberthür, 1879
 132. *Parnassius (Parnassius) tianschanicus alexander* Bryk & Eisner, 1935
 133. *Parnassius (Parnassius) tianschanicus minor* Staudinger 1881
 134. *Parnassius (Parnassius) tianschanicus astrictio* Ohya 1987
 135. *Parnassius (Parnassius) tianschanicus chimganus* Kreuzberg 1989
 136. *Parnassius (Parnassius) tianschanicus insignis* Staudinger 1889
 137. *Parnassius (Parnassius) tianschanicus superbus* Austaut, 1889
 138. *Parnassius (Parnassius) tianschanicus thiseus* Ehrmann, 1920
 139. *Parnassius (Parnassius) tianschanicus shiva* Wyatt, 1961

Subgenus *Sachaia* Korshunov, 1988

140. *Parnassius (Sachia) arcticus* (Eisner, 1968)
 141. *Parnassius (Sachaia) boedromius boedromius* Pungeler, 1901
 142. *Parnassius (Sachaia) boedromius hohlbecki* Avinov, 1913
 143. *Parnassius (Sachaia) boedromius prasolovi* Kreuzberg, 1986
 144. *Parnassius (Sachaia) boedromius sokolovi* Kreuzberg, 1990
 145. *Parnassius (Sachaia) simo avinoffi* Verity, [1911]
 146. *Parnassius (Sachaia) simo qinghaiensis* Sorimachi, 1994
 147. *Parnassius (Sachaia) simonius simonius* Staudinger, 1889
 148. *Parnassius (Sachaia) simonius grayi* Avinoff, 1916
 149. *Parnassius (Sachaia) andreji simillimus* Bryk & Eisner, 1937
 150. *Parnassius (Sachaia) andreji buddenbrocki* Bang-Haas, 1938
 151. *Parnassius (Sachaia) andreji dirschi* Bang-Haas, 1938
 152. *Parnassius (Sachaia) andreji ogawai* Ohya, 1987
 153. *Parnassius (Sachaia) tenedius tenedius* Eversmann, 1851
 154. *Parnassius (Sachaia) tenedius britae* Bryk, 1932

Subgenus *Tadumia* Moore, 1902

155. *Parnassius (Tadumia) acco gemmifer* Fruhstorfer, 1904
 156. *Parnassius (Tadumia) acco mirabilis* Bang-Haas, 1927
 157. *Parnassius (Tadumia) acco goergneri* Weiss & Michel, 1989
 158. *Parnassius (Tadumia) acco gloria* Kocman, 1996
 159. *Parnassius (Tadumia) acco andromeda* Kocman, 1996
 160. *Parnassius (Tadumia) acco gyanglaputsai* Huang, 1998
 161. *Parnassius (Tadumia) cephalus elwesi* Leech, 1893
 162. *Parnassius (Tadumia) cephalus micheli* Weiss, 1992
 163. *Parnassius (Tadumia) szechenyii germanae* (Austaut, 1906)
 164. *Parnassius (Tadumia) szechenyii evacaki* Schulte 1992
 165. *Parnassius (Tadumia) schultei schultei* Weiss & Michel, 1989
 166. *Parnassius (Tadumia) humnyngtoni fujisawai* Kawasaki, 1995
 167. *Parnassius (Tadumia) hardwickii pundjabensis* Bryk, 1934

Tribe *LUEHDORFIINI* Chapman, 1895

Genus *Archon* Hübner, [1822]

168. *Archon apollinus apollinus* (Herbst, 1798)
 169. *Archon apollinus bellargus* Staudinger, 1892

170. *Archon apollinus wyatti* Koçak, 1976
171. *Archon apollinus lichyi* Carbonell & Brevignon, 1983
172. *Archon apollinaris apollinaris* (Staudinger, 1892)

Genus *Luehdorfia* Crüger, 1878

173. *Luehdorfia puziloi puziloi* (Erschoff, 1872)
174. *Luehdorfia puziloi lingiangensis* (Lee, 1982)
175. *Luehdorfia longicaudata taibai* Chou, 1994
176. *Luehdorfia chinensis chinensis* Leech, 1893
177. *Luehdorfia japonica japonica* Leech, 1889

Tribe *ZERYNTHINI* Grote, 1899

Genus *Sericinus* Westwood, 1851

178. *Sericinus montela koreana* Fixen, 1887
179. *Sericinus montela amurensis* Staudinger, 1892

Genus *Bhutanitis* Atkinson, 1873

180. *Bhutanitis mansfieldi pulchristriata* (Saigusa & Lee, 1982)
181. *Bhutanitis thaidina melli* Bryk, 1938

Genus *Zerynthia* Ochseneheimer, 1816

Subgenus *Allancastria* Bryk, 1934

182. *Zerynthia (Allancastria) cerisyi cerisyi* (Godart, [1824])
183. *Zerynthia (Allancastria) cerisyi goeksui* Kuhna, 1977
184. *Zerynthia (Allancastria) cerisyi ferdinandi* Stichel, 1907
185. *Zerynthia (Allancastria) caucasica caucasica* (Lederer, 1864)
186. *Zerynthia (Allancastria) caucasica tkatschukovi* Sheljuzhko, 1927
187. *Zerynthia (Allancastria) cretica cretica* (Rebel, 1904)
188. *Zerynthia (Allancastria) deyrollei eisneri* Bernardi, 1970
189. *Zerynthia (Allancastria) louristana louristana* (Le Cerf, 1908)

Subgenus *Zerynthia* Ochseneheimer, 1816

190. *Zerynthia (Zerynthia) polyxena polyxena* ([Denis & Schiffermüller], 1775)
191. *Zerynthia (Zerynthia) polyxena cassandra* (Geyer, 1828)
192. *Zerynthia (Zerynthia) polyxena thesto* Fruhstorfer, 1908
193. *Zerynthia (Zerynthia) rumina andalusiana* Stichel, 1907
194. *Zerynthia (Zerynthia) rumina catalonica* de Sagarra y Castellarnau, 1930
195. *Zerynthia (Zerynthia) rumina castilliana* F. Rühl, 1892
196. *Zerynthia (Zerynthia) rumina cantabricae* Gomez-Bustillo, 1971

Subfamily *PAPILIONINAE* Latreille, [1802]

Tribe *LEPTOCIRCINI* Kirby, 1896

Genus *Lamproptera* Gray, 1832

197. *Lamproptera meges ennius* (C. & R. Felder, 1865)
198. *Lamproptera meges akirai* Tsukada & Nishiyama, 1980
199. *Lamproptera meges decius* (C. & R. Felder, 1862)
200. *Lamproptera meges pessimus* Fruhstorfer, 1909
201. *Lamproptera meges virescens* (Butler, [1870])

202. *Lamproptera curius curius* (Fabricius, 1787)
203. *Lamproptera curius walkeri* (Moore, 1902)

Genus *Eurytides* Hübner, [1821]

204. *Eurytides dolicaon deileon* (C. & R. Felder, 1865)
205. *Eurytides serville serville* (Godart, [1824])
206. *Eurytides columbus* (Kollar, 1850)

Genus *Protographium* Munroe, [1961]

207. *Protographium agesilau agesilau* (Guérin & Percheron, 1835)
208. *Protographium epidaus epidaus* (Doubleday, 1846)
209. *Protographium asius asius* (Fabricius, 1781)
210. *Protographium dioxippus diores* (Rothschild & Jordan, 1906)
211. *Protographium leucaspis leucaspis* (Godart, 1819)
212. *Protographium thyastes thyastinus* (Oberthür, 1879)
213. *Protographium marcellus marcellus* (Cramer, 1777)
214. *Protographium philolaus philolaus* Boisduval, 1836

Genus *Protesilaus* Swainson, [1832]

215. *Protesilaus protesilaus archesilaus* (Felder & Felder, 1865)
216. *Protesilaus aguiari* (D'Almeida, 1937)
217. *Protesilaus stenodesmus* (Rothschild & Jordan, 1906)
218. *Protesilaus telesilaus telesilaus* (Felder & Felder, 1864)

Genus *Iphiclides* Hübner, [1819]

219. *Iphiclides podalirius podalirius* (Linnaeus, 1758)
220. *Iphiclides podalirius flaccidus* (Krulikowsky, 1908)
221. *Iphiclides podalirius persica* Verity, 1911
222. *Iphiclides podalirius virgatus* (Butler, 1865)
223. *Iphiclides podalirius centralasiae* von Rosen, 1929
224. *Iphiclides feisthameli feisthameli* (Duponchel, 1832)

Genus *Graphium* Scopoli, 1777

Subgenus *Pazala* Moore, 1888

225. *Graphium (Pazala) tamerlanus tamerlanus* (Oberthür, 1876)
226. *Graphium (Pazala) parus parus* (de Niceville, 1900)
227. *Graphium (Pazala) eurous eurous* (Leech, 1893)
228. *Graphium (Pazala) eurous melli* Racheli & Cotton, 2009
229. *Graphium (Pazala) mandarinus mandarinus* (Oberthür, 1879)
230. *Graphium (Pazala) mandarinus kimurai* Murayama, 1982
231. *Graphium (Pazala) mandarinus fangana* Okano, 1986
232. *Graphium (Pazala) sichuanica sichuanica* Koiwaya, 1993

Subgenus *Pathysa* Reakirt, [1865]

233. *Graphium (Pathysa) agetes agetes* (Westwood, 1841)
234. *Graphium (Pathysa) agetes iponus* (Fruhstorfer, 1902)
235. *Graphium (Pathysa) agetes chinensis* (Chou & Li, 1994)
236. *Graphium (Pathysa) androcles androcles* (Boisduval, 1836)
237. *Graphium (Pathysa) antiphates pompilius* (Fabricius, 1787)
238. *Graphium (Pathysa) antiphates itamputi* (Butler, 1885)

239. *Graphium (Pathysa) antiphates balius* Jordan, 1909
 240. *Graphium (Pathysa) antiphates kalaoensis* (Rothschild, 1896)
 241. *Graphium (Pathysa) aristeus aristeus* (Stoll, 1780)
 242. *Graphium (Pathysa) aristeus hermocrates* (C. & R. Felder, [1865])
 243. *Graphium (Pathysa) aristeus parmatus* Gray, 1852
 244. *Graphium (Pathysa) aristeus erebos* Tsukada & Nishiyama, 1980
 245. *Graphium (Pathysa) decolor decolor* Staudinger, 1888
 246. *Graphium (Pathysa) decolor atratus* (Rothschild, 1895)
 247. *Graphium (Pathysa) euphrates domaranus* (Fruhstorfer, 1903)
 248. *Graphium (Pathysa) nomius swinhoei* (Moore, 1878)
 249. *Graphium (Pathysa) nomius hainana* Chou, 1994
 250. *Graphium (Pathysa) dorcus butungensis* Hanafusa, 1997
 251. *Graphium (Pathysa) rhesus rhesus* (Boisduval, 1836)
 252. *Graphium (Pathysa) rhesus rhesulus* (Fruhstorfer, 1902)

Subgenus *Arisbe* (Hübner, [1819])

***Antheus-evombar* species group:**

253. *Graphium (Arisbe) antheus antheus* (Cramer, 1779)
 254. *Graphium (Arisbe) antheus latepictulus* Strand, 1914
 255. *Graphium (Arisbe) evombar evombar* (Boisduval, 1836)

***Policenes* species group:**

256. *Graphium (Arisbe) policenes policenes* (Cramer, 1775)
 257. *Graphium (Arisbe) policenes telloi* Hecq, 1999
 258. *Graphium (Arisbe) kirbyi kirbyi* (Hewitson, 1872)
 259. *Graphium (Arisbe) colonna loncona* Suffert, 1904
 260. *Graphium (Arisbe) illyris girardeaui* (Guilbot & Plantrou, 1978)
 261. *Graphium (Arisbe) porthaon porthaon* (Hewitson, 1865)

***Angolanus* species group:**

262. *Graphium (Arisbe) angolanus angolanus* (Goeze, 1779)
 263. *Graphium (Arisbe) angolanus baronis* (Ungemach, 1932)
 264. *Graphium (Arisbe) endochus* (Boisduval, 1836)
 265. *Graphium (Arisbe) ridleyanus ridleyanus* (White, 1843)
 266. *Graphium (Arisbe) ridleyanus semivitreus* Schultze, 1930

***Leonidas* species group:**

267. *Graphium (Arisbe) leonidas leonidas* (Fabricius, 1793)
 268. *Graphium (Arisbe) cyrnus nuscyrus* (Suffert, 1904)

***Tynderaeus* species group:**

269. *Graphium (Arisbe) tynderaeus tynderaeus* (Fabricius, 1793)
 270. *Graphium (Arisbe) latreillianus theorini* (Aurivillius, 1881)

***Adamastor* species group:**

271. *Graphium (Arisbe) adamastor adamastor* (Boisduval, 1836)
 272. *Graphium (Arisbe) agamedes agamedes* (Westwood, 1842)
 273. *Graphium (Arisbe) schubotzi schubotzi* (Schultze, 1913)
 274. *Graphium (Arisbe) ucalegonides* (Staudinger, 1884)
 275. *Graphium (Arisbe) hachei moebii* (Suffert, 1904)

Subgenus *Graphium* Scopoli, 1777

276. *Graphium* (*Graphium*) *agamemnon agamemnon* (Linnaeus, 1758)
277. *Graphium* (*Graphium*) *agamemnon exilis* (Rothschild, 1895)
278. *Graphium* (*Graphium*) *agamemnon plithenes* (C. & R. Felder, 1864)
279. *Graphium* (*Graphium*) *agamemnon comodus* (Fruhstorfer, 1903)
280. *Graphium* (*Graphium*) *agamemnon ligatus* (Rothschild, 1895)
281. *Graphium* (*Graphium*) *arycles perinthus* (Fruhstorfer, 1915)
282. *Graphium* (*Graphium*) *bathycles bathycloides* (Honrath, [1884])
283. *Graphium* (*Graphium*) *bathycles manlius* Fruhstorfer, 1908
284. *Graphium* (*Graphium*) *chironides chironides* (Honrath, 1884)
285. *Graphium* (*Graphium*) *doson axion* (Felder & Felder, 1864)
286. *Graphium* (*Graphium*) *doson gyndes* (Fruhstorfer, 1907)
287. *Graphium* (*Graphium*) *doson nauta* Tsukada & Nishiyama, 1980
288. *Graphium* (*Graphium*) *doson evemonides* Honrath, 1884
289. *Graphium* (*Graphium*) *doson eurypylides* (Staudinger, 1895)
290. *Graphium* (*Graphium*) *doson sangianus* Kalis, 1941
291. *Graphium* (*Graphium*) *eurypylus eurypylus* (Linnaeus, 1758)
292. *Graphium* (*Graphium*) *eurypylus lutorius* (Fruhstorfer, 1907)
293. *Graphium* (*Graphium*) *eurypylus sallastinus* Fruhstorfer, 1902
294. *Graphium* (*Graphium*) *eurypylus mecisteus* (Distant, 1885)
295. *Graphium* (*Graphium*) *eurypylus gordion* (C. & R. Felder, 1864)
296. *Graphium* (*Graphium*) *eurypylus pamphylus* C. & R. Felder, 1865
297. *Graphium* (*Graphium*) *eurypylus lycaonides* (Rothschild, 1895)
298. *Graphium* (*Graphium*) *evemon eventus* (Fruhstorfer, 1908)
299. *Graphium* (*Graphium*) *leechi* (Rothschild, 1895)
300. *Graphium* (*Graphium*) *meyeri meyeri* (Hopffer, 1874)
301. *Graphium* (*Graphium*) *milon milon* (Felder & Felder, 1865)
302. *Graphium* (*Graphium*) *milon anthedon* (C. & R. Felder, 1864)
303. *Graphium* (*Graphium*) *monticolus monticolus* (Fruhstorfer, 1896)
304. *Graphium* (*Graphium*) *sarpedon sarpedon* (Linnaeus, 1758)
305. *Graphium* (*Graphium*) *sarpedon sarpedon* f. *melas* Fruhstorfer, 1907
306. *Graphium* (*Graphium*) *sarpedon connectens* Fruhstorfer, 1908
307. *Graphium* (*Graphium*) *sarpedon luctatius* Fruhstorfer, 1907
308. *Graphium* (*Graphium*) *sarpedon semifasciatus* (Honrath, 1888)
309. *Graphium* (*Graphium*) *sarpedon dodingensis* (Rothschild, 1896)
310. *Graphium* (*Graphium*) *sarpedon choredon* (C. & R. Felder, 1864)
311. *Graphium* (*Graphium*) *cloanthus cloanthus* Westwood, 1841
312. *Graphium* (*Graphium*) *sandawanum sandawanum* Yamamoto, 1977
313. *Graphium* (*Graphium*) *weiskei* (Ribbe, 1900)
314. *Graphium* (*Graphium*) *stresemanni stresemanni* Rothschild, 1916
315. *Graphium* (*Graphium*) *codrus codrus* (Cramer, 1777)
316. *Graphium* (*Graphium*) *codrus gilolensis* (Wallace, 1865)
317. *Graphium* (*Graphium*) *empedovana empedovana* (Corbet, 1941)

Subgenus *Paranticopsis* Wood-Mason & de Niceville, [1887]

318. *Graphium* (*Paranticopsis*) *encelades encelades* (Boisduval, 1836)
319. *Graphium* (*Paranticopsis*) *delesserti palawanus* (Staudinger, 1889)
320. *Graphium* (*Paranticopsis*) *macareus palawanicola* Koçak, 1980
321. *Graphium* (*Paranticopsis*) *deucalion* (Boisduval, 1836)
322. *Graphium* (*Paranticopsis*) *megaera* (Staudinger, 1888)

323. *Graphium (Paranticopsis) megarus marthae* Toxopeus, 1938
 324. *Graphium (Paranticopsis) ramaceus pendleburyi* Corbet, 1941
 325. *Graphium (Paranticopsis) stratocles stratocles* (Felder & Felder, 1862)
 326. *Graphium (Paranticopsis) stratocles dodongi* (Page & Treadaway, 2003)
 327. *Graphium (Paranticopsis) stratocles senectus* Tsukada & Nishiyama, 1980
 328. *Graphium (Paranticopsis) xenocles kephisos* (Fruhstorfer, 1902)
 329. *Graphium (Paranticopsis) thule* (Wallace, 1865)

Genus *Meandrusa* Moore, 1888

330. *Meandrusa payeni ciminus* (Fruhstorfer, 1909)
 331. *Meandrusa sciron* (Leech, 1890)
 332. *Meandrusa lachinus aribbas* Fruhstorfer, 1909

Genus *Mimoides* Brown, 1991

333. *Mimoides ariarathes gayi* (Lucas, 1852)
 334. *Mimoides lysithous rurik* (Eschscholtz, 1821)
 335. *Mimoides pausantias pausantias* (Hewitson, 1852)
 336. *Mimoides xeniades halex* (Rothschild & Jordan, 1906)
 337. *Mimoides xeniades signatus* (Tyler, Brown & Wilson, 1994)
 338. *Mimoides xeniades tabaconas* (Joicey & Talbot, 1918)
 339. *Mimoides xynias xynias* (Hewitson, 1875)

Tribe *TEINOPALPINI* Grote, 1899

Genus *Teinopalpus* Hope, 1843

340. *Teinopalpus imperialis behludini* Pen, 1936
 341. *Teinopalpus imperialis imperatrix* de Nicéville, 1899
 342. *Teinopalpus aureus shinkaii* Morita, 1998

Tribe *TROIDINI* Talbot, 1939

Genus *Cressida* Swainson, 1832

343. *Cressida cressida insularis* (Fruhstorfer, 1909)

Genus *Battus* Scopoli, 1777

344. *Battus belus varus* (Kollar, 1850)
 345. *Battus belus cochabamba* (Weeks, 1901)
 346. *Battus laodamas copanae* (Reakirt, 1863)
 347. *Battus crassus crassus* (Cramer, 1777)
 348. *Battus ingenuus* (Dyar, 1907)
 349. *Battus lycidas* (Cramer, 1777)
 350. *Battus philenor* (Linnaeus, 1771)
 351. *Battus madyes chlorodamas* (Guenée, 1872)
 352. *Battus madyes plinius* (Weymer, 1890)
 353. *Battus madyes magnimacula* (Joicey & Talbot, 1925)
 354. *Battus polydamas polydamas* (Linnaeus, 1758)

Genus *Parides* Hübner, 1819

355. *Parides agavus* (Drury, 1782)
 356. *Parides bunichus damocrates* (Guenée, 1872)
 357. *Parides bunichus perrhebus* (Boisduval, 1836)

358. *Parides montezuma* (Westwood, 1842)
 359. *Parides photinus* (Doubleday, 1844)
 360. *Parides erithalion xanthias* (Rothschild & Jordan, 1906)
 361. *Parides erithalion polyzelus* (Felder & Felder, 1865)
 362. *Parides erithalion chinchipensis* (Joicey & Talbot, 1918)
 363. *Parides eurimedes mylotes* (Bates, 1861)
 364. *Parides lysander brissonius* (Hübner, [1819])
 365. *Parides neophilus anaximenes* (C. & R. Felder, 1862)
 366. *Parides neophilus eurybates* (Gray, [1853])
 367. *Parides neophilus olivencius* (Bates, 1861)
 368. *Parides panares lycimenes* (Boisduval, 1870)
 369. *Parides sesostris sesostris* (Cramer, 1779)
 370. *Parides aeneas damis* (Rothschild & Jordan, 1906)
 371. *Parides anchises koenigi* T. Racheli, 1989
 372. *Parides vertumnus autumnus* (Staudinger, 1898)
 373. *Parides bolivar* (Hewitson, 1850)
 374. *Parides chabrias* (Hewitson, 1852)
 375. *Parides pizarro* (Staudinger, 1884)
 376. *Parides quadratus spoliatus* Staudinger, 1898

Genus *Pharmacophagus* Haase, 1892

377. *Pharmacophagus antenor* (Drury, 1773)

Genus *Byasa* Moore, 1882

378. *Byasa alcinous alcinous* (Klug, 1836)
 379. *Byasa alcinous mansonensis* (Fruhstorfer, 1901)
 380. *Byasa adamsoni adamsoni* (Grose-Smith, 1896)
 381. *Byasa polyeuctes polyeuctes* (Doubleday, 1842)
 382. *Byasa polyeuctes lama* (Oberthür, 1876)
 383. *Byasa dasarada barata* Rothschild, 1908

Genus *Atrophaneura* Reakirt, [1865]

384. *Atrophaneura aidoneus* (Doubleday, 1845)
 385. *Atrophaneura dixonii* (Grose-Smith, 1900)
 386. *Atrophaneura nox nox* (Swainson, 1822)
 387. *Atrophaneura nox nyx* (de Nicéville, 1897)
 388. *Atrophaneura kuehni* (Honrath, 1886)
 389. *Atrophaneura priapus priapus* (Boisduval, 1836)
 390. *Atrophaneura lucti* (Roepke, 1935)
 391. *Atrophaneura semperi albofasciata* (Semper, 1892)
 392. *Atrophaneura semperi supernotatus* (Rothschild, 1895)
 393. *Atrophaneura varuna varuna* (White, 1868)
 394. *Atrophaneura zaleucus* (Hewitson, 1865)

Genus *Losaria* Moore, [1902]

395. *Losaria coon coon* (Fabricius, 1793)
 396. *Losaria coon doubledayi* (Wallace, 1865)

Genus *Pachliopta* Reakirt, [1865]

397. *Pachliopta aristolochiae aristolochiae* (Fabricius, 1775)
 398. *Pachliopta aristolochiae interpositus* (Fruhstorfer, 1904)

399. *Pachliopta aristolochiae asteris* (Rothschild, 1908)
400. *Pachliopta aristolochiae antissa* (Jordan, 1908)
401. *Pachliopta aristolochiae goniopeltis* (Rothschild, 1908)
402. *Pachliopta adamas adamas* (Zinken, 1831)
403. *Pachliopta adamas lombokensis* Fruhstorfer, 1896
404. *Pachliopta hector hector* (Linnaeus, 1758)
405. *Pachliopta kotzebuea philippus* (Semper, 1891)
406. *Pachliopta kotzebuea deseilus* (Fruhstorfer, 1911)
407. *Pachliopta mariae mariae* (Semper, 1874)
408. *Pachliopta leytensis leytensis* Murayama, 1978
409. *Pachliopta oreon oreon* (Doherty, 1891)
410. *Pachliopta oreon batuataensis* (?)
411. *Pachliopta phlegon strandi* (Bryk, 1930)
412. *Pachliopta polydorus polydorus* (Linnaeus, 1758)
413. *Pachliopta polydorus tenimberensis* Rothschild, 1895
414. *Pachliopta polydorus godartianus* Lucas, 1852
415. *Pachliopta polyphontes bugius* Ney, 1911
416. *Pachliopta schadenbergi schadenbergi* (Semper, 1886)
417. *Pachliopta schadenbergi micholitzii* (Semper, 1891)
418. *Pachliopta liris wetterensis* (Rothschild, 1895)
419. *Pachliopta liris pallidus* Rothschild, 1895

Genus *Trogonoptera* Rippon, [1890]

420. *Trogonoptera brookiana brookiana* (Wallace, 1855)
421. *Trogonoptera brookiana albescens* Rothschild, 1895
422. *Trogonoptera brookiana trogon* Snellen van Vollenhoven, 1860
423. *Trogonoptera trojana* (Honrath, 1886)

Genus *Troides* Hübner, [1819]

Subgenus *Ripponia* Haugum & Low, 1975

424. *Troides (Ripponia) hypolitus hypolitus* (Cramer, 1775)
425. *Troides (Ripponia) hypolitus cellularis* Rothschild, 1895
426. *Troides (Ripponia) hypolitus sangirensis* Morisode, 2005

Subgenus *Troides* Hübner, [1819]

427. *Troides (Troides) aeacus aeacus* (C.Felder & R.Felder, 1860)
428. *Troides (Troides) amphrysus amphrysus* (Cramer, 1782)
429. *Troides (Troides) vandepolli vandepolli* (Snellen, 1890)
430. *Troides (Troides) criton criton* (Felder & Felder, 1860)
431. *Troides (Troides) criton critonides* (Fruhstorfer, 1903)
432. *Troides (Troides) cuneifera cuneifera* (Oberthür, 1879)
433. *Troides (Troides) plato* (Wallace, 1865)
434. *Troides (Troides) haliphron haliphron* (Boisduval, 1836)
435. *Troides (Troides) haliphron purahu* Kobayashi, 1987
436. *Troides (Troides) helena helena* (Linnaeus, 1758)
437. *Troides (Troides) helena sagittatus* Fruhstorfer, 1896
438. *Troides (Troides) helena hephaestus* Felder, 1865
439. *Troides (Troides) helena nereides* Fruhstorfer, 1906
440. *Troides (Troides) helena neoris* Rothschild, 1908
441. *Troides (Troides) helena antileuca* Rothschild, 1908

442. *Troides (Troides) helena spilotia* Rothschild, 1908
 443. *Troides (Troides) magellanus* (C.Felder & R.Felder, 1862)
 444. *Troides (Troides) oblongomaculatus oblongomaculatus* (Goeze, 1779)
 445. *Troides (Troides) oblongomaculatus papuensis* (Wallace, 1865)
 446. *Troides (Troides) oblongomaculatus bandensis* Pagenstecher, 1904
 447. *Troides (Troides) plateni* Staudinger, 1888
 448. *Troides (Troides) rhadamantus rhadamantus* (Lucas, 1835)
 449. *Troides (Troides) rhadamantus bazilanicus* Fruhstorfer, 1908
 450. *Troides (Troides) rhadamantus hesiodus* Fruhstorfer, 1911
 451. *Troides (Troides) dohertyi* (Rippon, 1893)

Genus *Ornithoptera* Boisduval, [1832]

Subgenus *Schoenbergia* Pagenstecher, 1893

452. *Ornithoptera (Schoenbergia) paradisea flavescens* Rothschild, 1897
 453. *Ornithoptera (Schoenbergia) meridionalis tarungarensis* (Joicey & Talbot, 1927)
 454. *Ornithoptera (Schoenbergia) chimaera chimaera* (Rothschild, 1904)
 455. *Ornithoptera (Schoenbergia) rothschildi rothschildi* Kenrick, 1911
 456. *Ornithoptera (Schoenbergia) goliath supremus* Röber, 1896
 457. *Ornithoptera (Schoenbergia) goliath samson* Niepelt, 1913
 458. *Ornithoptera (Schoenbergia) tithonus misresiana* Joicey & Talbot, 1915

Subgenus *Aetheoptera* Rippon, 1894

459. *Ornithoptera (Aetheoptera) victoriae epiphany* Schmid, 1970
 460. *Ornithoptera (Aetheoptera) victoriae reginae* (Salvin, 1888)
 461. *Ornithoptera (Aetheoptera) victoriae regis* (Rothschild, 1895)
 462. *Ornithoptera (Aetheoptera) victoriae rubianus* (Rotschild, 1895)

Subgenus *Ornithoptera* Boisduval, [1832]

463. *Ornithoptera (Ornithoptera) croesus lydius* (Felder C. & Felder R., 1865)
 464. *Ornithoptera (Ornithoptera) aesacus* (Ney, 1903)
 465. *Ornithoptera (Ornithoptera) priamus priamus* (Linnaeus, 1758)
 466. *Ornithoptera (Ornithoptera) priamus poseidon* (Doubleday, 1847)
 467. *Ornithoptera (Ornithoptera) priamus poseidon* (Doubleday, 1847) f. *cronius* (Felder, 1864)
 468. *Ornithoptera (Ornithoptera) priamus poseidon f. triton* C. & R. Felder, 1864
 469. *Ornithoptera (Ornithoptera) priamus poseidon f. ♀ brunneus* (Rothschild, 1895)
 470. *Ornithoptera (Ornithoptera) priamus poseidon f. ♀ aurago* Fruhstorfer, 1913
 471. *Ornithoptera (Ornithoptera) priamus arruana* (Felder C. & Felder R., 1859)
 472. *Ornithoptera (Ornithoptera) priamus boisduvali* (Montrouzier, 1856)
 473. *Ornithoptera (Ornithoptera) priamus teucrus* Joicey & Talbot, 1916
 474. *Ornithoptera (Ornithoptera) priamus urvillianus* (Guerin-Meneville, 1838)

Труба *PAPILIONINI* Latreille, [1802]

Genus *Chilasa* Moore, [1881]

Subgenus *Agehana* Matsumura, 1936

475. *Chilasa (Agehana) elwesi cavaleriei* Le Cerf, 1923

Subgenus *Chilasa* Moore, [1881]

476. *Chilasa (Chilasa) clytia clytia* (Linnaeus, 1758)
 477. *Chilasa (Chilasa) clytia echidna* Boisduval, 1836
 478. *Chilasa (Chilasa) clytia palephates* (Westwood, 1845)
 479. *Chilasa (Chilasa) paradoxa telearchus* Hewitson, 1852
 480. *Chilasa (Chilasa) agestor agestor* (Gray, 1831)
 481. *Chilasa (Chilasa) slateri slateri* Hewitson, [1859]
 482. *Chilasa (Chilasa) slateri perses* (de Nicéville, 1894)
 483. *Chilasa (Chilasa) epycides horatius* Blanchard, 1871
 484. *Chilasa (Chilasa) osmana osmana* Jumalon, 1967
 485. *Chilasa (Chilasa) veiovis veiovis* (Hewitson, 1853)
 486. *Chilasa (Chilasa) toboroi toboroi* (Ribbe, 1907)

Genus *Papilio* Linnaeus, 1758

Subgenus *Achillides* Hübner, [1819]

487. *Papilio (Achillides) syfanius syfanius* Oberthür, 1886
 488. *Papilio (Achillides) arcturus arcturus* Westwood, 1842
 489. *Papilio (Achillides) arcturus arcturulus* Fruhstorfer, 1901
 490. *Papilio (Achillides) polyctor stockleyi* Gabriel, 1936
 491. *Papilio (Achillides) bianor bianor* Cramer, 1777
 492. *Papilio (Achillides) bianor ganesa* Doubleday, 1842
 493. *Papilio (Achillides) bianor xiei* Chou, 1994
 494. *Papilio (Achillides) bianor nakaharae* Matsumura, 1929
 495. *Papilio (Achillides) bianor doii* Matsumura, 1928
 496. *Papilio (Achillides) bianor thrasymedes* Fruhstorfer, 1909
 497. *Papilio (Achillides) maackii maackii* Ménétris, 1859
 498. *Papilio (Achillides) maackii tutanus* Fenton, [1882]
 499. *Papilio (Achillides) maackii kurilensis* Matsumura, 1928;
 500. *Papilio (Achillides) dialis andronicus* Fruhstorfer, 1909
 501. *Papilio (Achillides) blumei blumei* Boisduval, 1836
 502. *Papilio (Achillides) blumei fruhstorferi* Röber, 1897
 503. *Papilio (Achillides) chikae hermeli* Nuyda, 1992
 504. *Papilio (Achillides) crino crino* Fabricius, 1792
 505. *Papilio (Achillides) daedalus daedalus* Felder & Felder, 1861
 506. *Papilio (Achillides) daedalus angustatus* (Staudinger, 1888)
 507. *Papilio (Achillides) krishna charlesi* Fruhstorfer, 1902
 508. *Papilio (Achillides) neumogeni neumogeni* (Honrath, 1890)
 509. *Papilio (Achillides) karna karna* Felder & Felder, 1864
 510. *Papilio (Achillides) paris paris* Linnaeus, 1758
 511. *Papilio (Achillides) paris tenggerensis* (Fruhstorfer, 1893)
 512. *Papilio (Achillides) paris battacorum* Rothschild, 1908
 513. *Papilio (Achillides) paris chinensis* (Rothschild, 1895)
 514. *Papilio (Achillides) paris hermosanus* Rebel, 1906
 515. *Papilio (Achillides) pericles* Wallace, 1865
 516. *Papilio (Achillides) peranthus peranthus* Fabricius, 1787
 517. *Papilio (Achillides) peranthus transiens* (Fruhstorfer, 1897)
 518. *Papilio (Achillides) peranthus baweanus* Hagen, 1896
 519. *Papilio (Achillides) peranthus fulgens* (Röber, 1891)
 520. *Papilio (Achillides) peranthus insulicola* Rothschild, 1896
 521. *Papilio (Achillides) peranthus adamantius* (C. & R. Felder, 1864)
 522. *Papilio (Achillides) lorquinianus albertsi* (Oberthür, 1880)

523. *Papilio (Achillides) ulysses ulysses* Linnaeus, 1758
 524. *Papilio (Achillides) ulysses autolycus* (C. & R. Felder, 1865)
 525. *Papilio (Achillides) ulysses telegonus* (C. & R. Felder, 1860)

Subgenus *Eleppone* Hancock, 1979

526. *Papilio (Eleppone) anactus* Macleay, 1826

Subgenus *Druryia* Aurivillius, 1881

527. *Papilio (Druryia) antimachus antimachus* Drury, 1782
 528. *Papilio (Druryia) mackinnoni mackinnoni* Sharpe, 1891
 529. *Papilio (Druryia) rex mimeticus* Rothschild, 1897
 530. *Papilio (Druryia) chrapkowskoides chrapkowskoides* Storace, 1952
 531. *Papilio (Druryia) chrapkowskoides nurettini* Koçak, 1983
 532. *Papilio (Druryia) desmondi magdae* Gifford, 1961
 533. *Papilio (Druryia) epiphorbas epiphorbas* Boisduval, 1833
 534. *Papilio (Druryia) hornimani* Distant, 1879
 535. *Papilio (Druryia) nireus nireus* Linnaeus, 1758
 536. *Papilio (Druryia) nireus lyaeus* Doubleday, 1845
 537. *Papilio (Druryia) oribazus oribazus* Boisduval, 1836
 538. *Papilio (Druryia) charopus montuosus* Joicey & Talbot, 1927
 539. *Papilio (Druryia) gallienus* Distant, 1879
 540. *Papilio (Druryia) mechowi mechowi* Dewitz, 1881
 541. *Papilio (Druryia) mechowianus* Dewitz, 1885
 542. *Papilio (Druryia) fuelleborni neocesa* Kemal & Kocak, 2005
 543. *Papilio (Druryia) echerioides joiceyi* Gabriel, 1945
 544. *Papilio (Druryia) cynorta cynorta* Fabricius, 1793
 545. *Papilio (Druryia) zenobia* Fabricius, 1775
 546. *Papilio (Druryia) zalmoxis zalmoxis* Hewitson, 1864

Subgenus *Heraclides* Hübner, [1819]

547. *Papilio (Heraclides) anchisiades anchisiades* Esper, 1788
 548. *Papilio (Heraclides) anchisiades idaeus* (Fabricius, 1793)
 549. *Papilio (Heraclides) anchisiades capys* (Hübner, [1809])
 550. *Papilio (Heraclides) chiansiades chiansiades* (Westwood, 1872)
 551. *Papilio (Heraclides) isidorus isidorus* Doubleday, 1846
 552. *Papilio (Heraclides) isidorus tingo* T. Racheli & L. Racheli, 1995
 553. *Papilio (Heraclides) androgeus androgeus* Cramer, 1776
 554. *Papilio (Heraclides) androgeus epidaurus* Godman & Salvin, [1890]
 555. *Papilio (Heraclides) astyalus astyalus* Godart, 1819
 556. *Papilio (Heraclides) astyalus phanais* (Rothschild & Jordan, 1906)
 557. *Papilio (Heraclides) crespontes* Cramer, 1777
 558. *Papilio (Heraclides) hectorides* Esper, 1794
 559. *Papilio (Heraclides) thoas cinyras* Ménétrière, 1857
 560. *Papilio (Heraclides) thoas autocles* Rothschild & Jordan, 1906
 561. *Papilio (Heraclides) torquatus torquatus* Cramer, 1777
 562. *Papilio (Heraclides) garleppi interruptus* Staudinger, 1892

Subgenus *Menelaides* Hübner, [1819]

563. *Papilio (Menelaides) bootes parcesquamata* Rosen, 1929
 564. *Papilio (Menelaides) alcmenor publilius* (Fruhstorfer, 1909)
 565. *Papilio (Menelaides) alcmenor nausithous* Oberthür, 1918

566. *Papilio (Menelaides) ascalaphus ascalaphus* Boisduval, 1836
 567. *Papilio (Menelaides) deiphobus deiphobus* Linnaeus, 1758
 568. *Papilio (Menelaides) deiphobus deiphontes* C. & R. Felder, 1864
 569. *Papilio (Menelaides) forbesi forbesi* Grose-Smith, 1883
 570. *Papilio (Menelaides) aegeus ormenus* (Guérin-Ménéville, 1829)
 571. *Papilio (Menelaides) aegeus keianus* Rothschild, 1896
 572. *Papilio (Menelaides) aegeus othello* Grose-Smith, 1894
 573. *Papilio (Menelaides) albinus albinus* Wallace, 1865
 574. *Papilio (Menelaides) tydeus obiensis* Rothschild, 1898
 575. *Papilio (Menelaides) ambrax ambrax* Boisduval, 1832
 576. *Papilio (Menelaides) ambrax ambrax* f. *lutosa* Fruhstorfer, 1909
 577. *Papilio (Menelaides) antonio* Hewitson, 1875
 578. *Papilio (Menelaides) fuscus fuscus* Goeze, 1779
 579. *Papilio (Menelaides) fuscus heringi* Niepelt, 1924
 580. *Papilio (Menelaides) fuscus indicatus* (Butler, 1876)
 581. *Papilio (Menelaides) fuscus beccarii* (Oberthür, 1879)
 582. *Papilio (Menelaides) fuscus lapathus* Fruhstorfer, 1904
 583. *Papilio (Menelaides) fuscus pertinax* Wallace, 1865
 584. *Papilio (Menelaides) fuscus xenophilus* Mathew, 1886
 585. *Papilio (Menelaides) diophantus diophantus* Grose-Smith, 1882
 586. *Papilio (Menelaides) castor castor* Westwood, 1842
 587. *Papilio (Menelaides) castor formosanus* Rothschild, 1896
 588. *Papilio (Menelaides) euchenor euchenor* Guérin-Ménéville, 1829
 589. *Papilio (Menelaides) euchenor lasos* Fruhstorfer, 1903
 590. *Papilio (Menelaides) gambrisius gambrisius* (Cramer, 1777)
 591. *Papilio (Menelaides) gambrisius buruanus* Rothschild, 1897
 592. *Papilio (Menelaides) woodfordi woodfordi* Godman & Salvin, 1888
 593. *Papilio (Menelaides) canopus canopinus* Rothschild, 1895
 594. *Papilio (Menelaides) canopus buisi* Kalis, 1941
 595. *Papilio (Menelaides) demolion demolion* Cramer, 1779
 596. *Papilio (Menelaides) gigon gigon* Felder & Felder, 1864
 597. *Papilio (Menelaides) helenus helenus* Linnaeus, 1758
 598. *Papilio (Menelaides) helenus nicconicolens* Butler, 1881
 599. *Papilio (Menelaides) helenus fortunius* Fruhstorfer, 1908
 600. *Papilio (Menelaides) helenus enganius* Doherty, 1891
 601. *Papilio (Menelaides) helenus palawanicus* (Staudinger, 1888)
 602. *Papilio (Menelaides) hipponous daku* Page & Treadaway, 2003
 603. *Papilio (Menelaides) hystaspes* Felder & Felder, 1862
 604. *Papilio (Menelaides) iswara iswara* White, 1842
 605. *Papilio (Menelaides) iswaroides iswaroides* Fruhstorfer, 1897
 606. *Papilio (Menelaides) lowii lowii* Druce, 1873
 607. *Papilio (Menelaides) lowii* f. *suffusus* (Lathy, 1899)
 608. *Papilio (Menelaides) memnon memnon* Linnaeus, 1758
 609. *Papilio (Menelaides) memnon* ssp. ?
 610. *Papilio (Menelaides) memnon agenor* (Linnaeus, 1758)
 611. *Papilio (Menelaides) memnon anceus* (Cramer, 1782)
 612. *Papilio (Menelaides) memnon heronus* Fruhstorfer, 1902
 613. *Papilio (Menelaides) nephelus chaon* Westwood, 1845
 614. *Papilio (Menelaides) nephelus chaonidis* Niepelt, 1914
 615. *Papilio (Menelaides) nephelus sunatus* Corbet, 1940
 616. *Papilio (Menelaides) nephelus albolineatus* Forbes, 1885

617. *Papilio (Menelaides) sataspes sataspes* Felder & Felder, 1864
 618. *Papilio (Menelaides) thaiwanus* Rothschild, 1898
 619. *Papilio (Menelaides) oenomaus* Godart, 1879
 620. *Papilio (Menelaides) polymnestor polymnestor* Cramer, 1775
 621. *Papilio (Menelaides) polytes polytes* Linnaeus, 1758
 622. *Papilio (Menelaides) polytes javanus* Felder, 1862
 623. *Papilio (Menelaides) polytes alcindor* Oberthür, 1879
 624. *Papilio (Menelaides) polytes messius* Fruhstorfer, 1909
 625. *Papilio (Menelaides) polytes sotira* Jordan, 1909
 626. *Papilio (Menelaides) polytes timorensis* C. & R. Felder, 1864
 627. *Papilio (Menelaides) polytes nicomachus* Fruhstorfer, 1909
 628. *Papilio (Menelaides) polytes ledebourina* Eschscholtz, 1821
 629. *Papilio (Menelaides) polytes romulus* Cramer, [1775]
 630. *Papilio (Menelaides) polytes pasikrates* Fruhstorfer, 1908
 631. *Papilio (Menelaides) protenor protenor* Cramer, 1775
 632. *Papilio (Menelaides) protenor euprotenor* (Fruhstorfer, 1908)
 633. *Papilio (Menelaides) protenor amaaura* Jordan, 1909
 634. *Papilio (Menelaides) rumanzovia rumanzovia* Eschscholtz, 1821
 635. *Papilio (Menelaides) rumanzovia luzviae* Schröder & Treadaway, 1991
 636. *Papilio (Menelaides) rumanzovia semperinus* Haase, 1893

Subgenus *Papilio* Linnaeus, 1758

637. *Papilio (Papilio) alexanor orientalis* Romanoff, 1884
 638. *Papilio (Papilio) alexanor voldemar* Kreuzberg, 1989
 639. *Papilio (Papilio) polyxenes coloro* W. G. Wright, 1905
 640. *Papilio (Papilio) polyxenes asterius* (Stoll, 1782)
 641. *Papilio (Papilio) joanae* J. Heitzman, 1973
 642. *Papilio (Papilio) zelicaon zelicaon* Lucas, 1852
 643. *Papilio (Papilio) machaon machaon* Linnaeus, 1758
 644. *Papilio (Papilio) machaon mauretunica* Verity, 1905
 645. *Papilio (Papilio) machaon hispanicus* Eller, 1936
 646. *Papilio (Papilio) machaon sphyroides* Verity, 1907
 647. *Papilio (Papilio) machaon melitensis* Eller, 1936
 648. *Papilio (Papilio) machaon gorganus* Fruhstorfer, 1922
 649. *Papilio (Papilio) machaon syriaca* Verity, 1905
 650. *Papilio (Papilio) machaon centralis* Staudinger, 1886
 651. *Papilio (Papilio) machaon oreinus* Sheljuzhko, 1919
 652. *Papilio (Papilio) machaon orientis* Verity, 1911
 653. *Papilio (Papilio) machaon ussuriensis* Sheljuzhko, 1910
 654. *Papilio (Papilio) machaon sachalinensis* Matsumura, 1911
 655. *Papilio (Papilio) machaon septentrionalis* Verity, 1911
 656. *Papilio (Papilio) machaon kamschadalis* Alpheraky, 1897
 657. *Papilio (Papilio) machaon venchuanus* Moonen, 1984
 658. *Papilio (Papilio) machaon aliaska* Scudder, 1869

Subgenus *Princeps* Hübner, [1807]

659. *Papilio (Princeps) dardanus dardanus* Brown, 1776
 660. *Papilio (Princeps) dardanus meriones* (C. & R. Felder, 1865)
 661. *Papilio (Princeps) nobilis nobilis* Rogenhofer, 1891
 662. *Papilio (Princeps) demodocus demodocus* Esper, 1798
 663. *Papilio (Princeps) erithonioides* Grose-Smith, 1891

664. *Papilio (Princeps) demoleus demoleus* Linnaeus, 1758
 665. *Papilio (Princeps) demoleus libanius* Fruhstorfer, 1908
 666. *Papilio (Princeps) demoleus malayanus* (Wallace, 1865)
 667. *Papilio (Princeps) delalandei delalandei* Godart, [1824]
 668. *Papilio (Princeps) hesperus hesperus* Westwood, 1843
 669. *Papilio (Princeps) constantinus constantinus* Ward, 1871
 670. *Papilio (Princeps) lormieri lormieri* Distant, 1874
 671. *Papilio (Princeps) ophidicephalus ophidicephalus* Oberthür, 1878
 672. *Papilio (Princeps) mangoura* Hewitson, 1875
 673. *Papilio (Princeps) phorcas phorcas* Cramer, 1775
 674. *Papilio (Princeps) phorcas congoanus* (Rothschild, 1896)

Subgenus *Sinoprinceps* Hancock, 1983

675. *Papilio (Sinoprinceps) benguetana* Joicey & Talbot, 1923
 676. *Papilio (Sinoprinceps) xuthus xuthus* Linnaeus, 1767

Subgenus *Pterourus* Scopoli, 1777

677. *Papilio (Pterourus) canadensis canadensis* Rothschild & Jordan, 1906
 678. *Papilio (Pterourus) rutulus* Lucas, 1852
 679. *Papilio (Pterourus) troilus troilus* Linnaeus, 1758
 680. *Papilio (Pterourus) alexiaries garcia* Rothschild & Jordan, 1906
 681. *Papilio (Pterourus) glaucus glaucus* Linnaeus, 1758
 682. *Papilio (Pterourus) eurymedon eurymedon* Lucas, 1852
 683. *Papilio (Pterourus) euterpinus* Godman & Salvin, 1868
 684. *Papilio (Pterourus) menatius eurotas* (C. & R. Felder, 1862)
 685. *Papilio (Pterourus) palamedes palamedes* Drury, 1773
 686. *Papilio (Pterourus) warscewiczii mercedes* (Rotschild & Jordan, 1906)
 687. *Papilio (Pterourus) garamas garamas* Geyer, 1829
 688. *Papilio (Pterourus) zagreus chrysoxanthus* (Fruhstorfer, 1915)
 689. *Papilio (Pterourus) bachus chrysomelus* Rothschild & Jordan, 1906

SYSTEMATIC CATALOGUE ON THE COLLECTION

Superfamily *PAPILIONOIDEA*
Family *PAPILIONIDAE* Latreille, [1802]
Subfamily *BARONIINAE* Bryk, 1913

Genus *Baronia* Salvin, 1893

Baronia brevicornis Salvin, 1893

Original description: *Baronia brevicornis* Salvin, 1893; Trans. ent. Soc. Lond. 1893 (4): 331.

Note: species is one of the most archaic of *Papilionidae*, it characterized by high variability in color of wings; more than 25 forms and aberrations described of this species (only Mr. Vaskues, 1988, described the fifteen forms!); all of them have infrasubspecific status and only one subspecies - ssp. *rufodiscalis* Maza & White, 1987 from southeastern Mexico (NW Chiapas).

Baronia brevicornis brevicornis Salvin, 1893

Type locality: "Mexico, Guerrero".

Synonyms: f. *eusemna* Dyar, 1912; f. *phronima* Dyar, 1912; ab. *aureomaculata* Bryk, 1913; f. *puella* Boulet, 1913; f. *gehleni* Bryk, 1931; f. *pallida* Kotsch, 1939; f. *intemerata* Hoffmann, 1940; f. *luteotincta* Hoffmann, 1940; f. *pallida* Eisner, 1962; (preocc. Kotsch, 1939); f. *argentea* Eisner, 1962; f. *parvisubmarginalis* Eisner, 1974; f. *intermedia* Vázquez, 1988; f. *diffusa* Vázquez, 1988.

Mexico

1. (Table I,1) *Topotypus* ♂, Mexique, Guerrero, Mezcala. 560 m. 10.07.2011. Ex coll. Korolev V.A., № P01316;
2. (Table I,2) *Topotypus* ♀, Mexique, Guerrero, Mezcala. 560 m. 10.07.2011. Ex coll. Korolev V.A., № P01317;



3. *Topotypus* ♂, "*Baronia brevicornis* ♂" / Mexico, Mezcala, Guerrero, 550 m, 10.07.2012. Ex coll. Korolev V.A., № P01598.

Subfamily *PARNASSIINAE* Duponchel, [1835]

Tribe *PARNASSIINI* Duponchel, [1835]

Genus *Hypermnestra* Ménétriés, 1848

Hypermnestra Menetriés, 1848, Mem. Ac. St.-Petersb., (6)8(2 Part.), Sc. Natur. 6: 274 (= *Ismene* Nickerl, 1846, Ent. Zeitg. Stettin. 7:207 (preoccupied)). Type species of Genus – *Hypermnestra helios* Nick.

Hypermnestra helios (Nickerl, 1846)

Original description: *Ismene helios* Nickerl, 1846, Ent. Zeitg. Stettin. 7:208, t. (3)a,b, (♂) c,d, (♀) e (caput) f, (palpa) g. (antenn.);

Hypermnestra helios helios (Nickerl, 1846)

Type locality: “Westliche Kirgisiensteppe”, southwestern Kazakhstan.

Synonyms: *Doritis ismene* Herrich-Schäffer, 1856; *ssp. intermedia* Verity, 1911; *helios* ab. ♂ *phaeton* Bryk, 1913; *helios* ab. *poverina* Bryk, 1913.

Kazakhstan

4. (Table I,4) *Topotypus* ♂, SE Kazakhstan, Ili river, Bakanas v., 3.05.2005, Ex coll. V.A.Korolev, № P00001.

Hypermnestra helios maxima Grun-Grgsimailo, 1890

Type locality: «Самарканд», Samarkand, Uzbekistan.

Synonyms: = *helios* ab. *ochreomaculata* Gr.-Gr., 1890; = *helios* ab. *ochrea* Verity, 1907, (TL: «Наманган», Namangan); = *ssp. maxima* f. *fasciata* Eisner, 1954.

Uzbekistan

5. (Table I,5) ♂, “*Hypermnestra helios* / *maxima* ♂ / Узбекистан, Ферганская долина, г.Колхозабад, 15.05.1995. Ex coll. Гундоров С.Б.” [Uzbekistan, Fergana valley, Kolhozabad-city, 15.05.1995. Ex coll. Gundorov S.B.] (Ex coll. V.A.Korolev, № P01066).

Tadzhikistan, Gissar Mts.

6. (Table I,6) ♀, “*Hypermnestra helios* / *maxima* ♀ / Таджикистан, Гиссар? окр. п.Чинад, 28.05.1998, leg. Гундоров С.Б.” [Tadzhikistan, Gissar? vic. Chind village, 28.05.1998, leg. Gundorov SB] (Ex coll. V.A.Korolev, № P01065).

Hypermnestra helios persica Neuburger, 1900

Type locality: “Poin-Shakub”, N. Iran, Kopet-Dagh.

Synonyms: = *ssp. christophi* Bang-Haas, 1938, (TL: Turkmenia); = *ssp. hyrcana* Sheljuzhko, 1956 (nom. nud. *persica* Roths. nec. Neuburger), TL: «сев. Иран», N.Iran.

Turkmenia, Kopet-Dagh



7. ♂, “Копетдаг, предг. г.Сюнт, 10.04.1983, Девяткин А.Л.” [Kopet-Dagh, loc. Sunt, 10.04.1983, Devyatkin AL] (Ex coll. V.A.Korolev, № P00005);
8. ♂, Kopetdag, Kara-Kala, 8.06.1984, leg. Mimonov E. (Ex coll. V.A.Korolev, № P00003);
9. (Table I,9) ♂, “Зап. Копетдаг, р.Сумбур, п.Кара-Кала, 1-3.04.1991, Евстигнеев А.А.” [W.Kopet-Dagh, Sumbur river, Kara-Kala village, 1-3.04.1991, Evstigneev AA.] (Ex coll. V.A.Korolev, № P00002);
10. (Table I,10) ♀, Kopetdag, Kara-Kala, 8.06.1984, leg. Mimonov E. (Ex coll. V.A.Korolev, № P00004).

Genus *Parnassius* Latreille, 1804

Subgenus *Driopa* Korshunov, 1988

Parnassius (Driopa) ariadne Lederer, 1853

Original description: *Doritis* Fab. sp. *ariadne* (Lederer, 1853); Verh. zool.-bot. Ver. Wien 3 : 354

Synonyms: *clarius* Eversmann, 1843; (nom. praeocc.; junior primary homonym of *Doritis clarius* Hübner, [1806].).

Parnassius (Driopa) ariadne ariadne [Lederer, 1853]

Type locality: "an den südwestlichen Vorbergen des Altai an kahlen felsigen Stellen [...] am oberen Irtsich zwischen Ustkamenogorsk und Ustbuchtarminsk gegen die chinesische Grenze zu".



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11. (Table I, 11) ♂, “Алтай, Нарымский хр., с.Новоберезовка, 2200 м., 26.06.1986, Махат В.Г.” [Altai, Narymsky Mts., Novoberezovka, 2200 m, 26.06.1986, Mahat V.G. leg.] (Ex coll. V.A.Korolev, № P00275);
12. ♂, “Алтай, Нарымский хр., с.Новоберезовка, 2200 м., 26.06.1986, Махат В.Г.” [Altai, Narymsky Mts., Novoberezovka, 2200 m, 26.06.1986, Mahat V.G. leg.] (Ex coll. V.A.Korolev, № P00276);
13. ♂, “Алтай, окр. п.Шебалино, 1100 м, 28.06.1988, Сазонов С.”, [Altai, loc. Shebalino, 1100 m, 28.06.1988, Sazonov S. leg.] (Ex coll. V.A.Korolev, № P00277);
14. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.” [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00781);
15. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00782);
16. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00783);
17. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00784);
18. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00826);
19. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00827);
20. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00828);
21. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00829);
22. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00830);
23. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00831);
24. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00832);
25. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00833);
26. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00834);

27. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00835);
28. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00836);
29. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00837);
30. (Table I, 30) ♀, “Алтай, окр. п.Шебалино, 1100 м, 28.06.1988, Сазонов С.”, [Altai, loc. Shebalino, 1100 m, 28.06.1988, Sazonov S. leg.] (Ex coll. V.A.Korolev, № P00278);
31. ♀, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00785);
32. ♀, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00786);
33. ♀, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00787);
34. ♀, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino, 1100 m, 8-9.06.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00788).

Parnassius (Driopa) ariadne clarus Bryk et Eisner, 1933

Type locality: East Kazakhstan.

E Kazakhstan, Tarbagatai Mts.

35. ♂, E Kazakhstan, NW Tarbagatai, Kyzylpass Mts., Aigaizhal Mt., N 47° 52'29", E 81°29'12", 1100-1300 m a.s.l., 21.06.2007. N.Rubin & Yu. Sobolevskaya leg. (Ex coll. V.A.Korolev, № P01791).

Parnassius (Driopa) clodius Ménétriés, 1855

Original description: *Parnassius clodius* Ménétriés, 1855; Cat. lep. Petersb. 2: 73 (Enum. corp. anim. (1): 7, no. 109; 73, no. 109).

Note: species has been described by specimens, delivered to Menetries from the Russian colonies in America, admittedly from the northern coast of California (см. “Californie”; defined as “Marin county...Bear Valley” by J. Shepard and S. Shepard (1975), *in*: Howe, Butts. N. Am.: 405).

Parnassius (Driopa) clodius baldur W.H. Edwards, 1877

Type locality: “California, Sierras; Utah; Montana”; defined as “Tioga Pass” by F. Brown (1975), Trans. Am. Entomol. Soc. 101(1): 5. [Mono-Tuolumne counties, California].

USA, California

36. (Table I, 36) ♂, “*Parnassius clodius*” / USA, California, Inyo Co, 7500 ft., Sierra Nevada [Mts.], 3-9.08.2011. (Ex coll. V.A.Korolev, № P00225);



37. ♂, “*Parnassius clodius baldur*” / USA, California. Iny Co., 7500 ft., Sierra Nevada Mtns., 9.08.2011. (Ex coll. V.A.Korolev, № P01515);
38. ♂, Base of Fresno Dome, 20 Mi E.Oakhurst, Madera Co, CA, [USA], 7200', 23.06.2012. 37° 27'25,12''N/119°32'08,14'' (Ex coll. V.A.Korolev, № P01446).
39. (Table I, 39) ♀, Base of Fresno Dome, 20 Mi E.Oakhurst, Madera Co, CA, [USA], 7200', 23.06.2012. 37° 27'25,12''N/119°32'08,14'' (Ex coll. V.A.Korolev, № P01447);



40. ♀, Base of Fresno Dome, 20 Mi E.Oakhurst, Madera Co, CA, [USA], 7200', 23.06.2012. 37° 27'25,12''N/119°32'08,14''; Ex coll. V.A.Korolev, № P01448.

Parnassius clodius pseudogallatinus Bryk, 1913

Type locality: “Brit. Columb. (Yale 1890)”, (Canada, British Columbia Prov.).

Canada, British Columbia

41. (Table I, 41) ♂, «*Parnassius clodius claudianus* ♂» / CANADA, British Columbia, Nr.Chilawack, Cheam Mtns. 16.07.2006. Ex coll. V.A.Korolev, № P01173.

Parnassius (Driopa) eversmanni Ménétrés, 1855

Original description: *Parnassius eversmanni* Ménétrés, [1850]; Siemaschko, Russian Fauna (17): pl. 4, f. 5.

Parnassius (Driopa) eversmanni eversmanni ([Menetries in Siemaschko, 1850])

Type locality: not indicated: «Россия» (“Russia”); corrected TL: Krasnoyarsk terr., loc. Kansk-city.
Synonyms: *altaicus* Verity, 1911; *altaica* Verity, [1911]; *lacinia* Hemming, 1934; “*flavescens*” O. Bang-Haas, 1927; “*ampliusdecora*” Eisner, 1928.

Russia, Altai

42. (Table I, 42) ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.” [Altai, Kuraisky Mts., Aktash, 1500 m, 14-21.06.2008, Berezhnoj Yu.I.] (Ex coll. V.A.Korolev, № P00817);
43. ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.” [Altai, Kuraisky Mts., Aktash, 1500 m, 14-21.06.2008, Berezhnoj Yu.I.] (Ex coll. V.A.Korolev, № P00816);
44. ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.” [Altai, Kuraisky Mts., Aktash, 1500 m, 14-21.06.2008, Berezhnoj Yu.I.] (Ex coll. V.A.Korolev, № P00818);
45. ♂, *P. evermanni altaica* / Russia, Altai, Kuraj Mts. Aktash vil., 2300 m N 50°18' 56"; E 87° 43'11" 17.06.2008. Ex coll. V.A.Korolev, № P01104;
46. (Table I, 46) ♀, *P. evermanni altaica* / Russia, Altai, Kuraj Mts. Aktash vil., 2300 m N 50°18' 56"; E 87° 43'11" 17.06.2008. Ex coll. V.A.Korolev, № P01105.

Russia, Transbaikalia, Udokan Mts.

47. ♂, «*P. evermanni vosnessenskii*» / Russia, NE Transbaikalia, Udokansky Mts. Chyna vil. env., 1500 m, 13.06.2008. Ex coll. V.A.Korolev, № P01106;



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Parnassius (Driopa) evermanni vosnessenskii ([Menetries] in Semaschko, 1850)

Type locality: «горы южной Сибири»; corrected TL: Okhotsk-city, Khabarovsk terr.

Synonyms: *wosnesenskii* Menetries, 1850; *septentrionalis* Verity, [1911]; *lacinia* Hemming, 1934; *magadana* D.Weiss, (1970) 1971: *meridionalis* Eisner, 1978; *pinkensis* Gauthier, 1984; *lautus* Ohya in Iwamoto, Inomata, 1988.

Russia, Magadan reg.

48. ♂, “Магаданская обл., п.Карамкен, 10.06.1989, Палёха В.В.” [Magadan Reg., Karamken, 10.06.1989, Palekha V.V.] (Ex coll. V.A.Korolev, № P00191);
49. ♂, “Магаданская обл., п.Карамкен, 2.07.1993, Бабакина О.А.”, [Magadan Reg., Karamken, 2.07.1993, Babakina O.A.] (Ex coll. V.A.Korolev, № P00192);
50. ♂, “Магаданская обл., п.Карамкен, 2.07.1994, Бабакин А.П.” [Magadan Reg., Karamken, 2.07.1994, Babakin A.P.] (Ex coll. V.A.Korolev, № P00193);
51. ♂, “Магаданская обл., Корона, 3.06.1994, Бабакин [А.П.]”, [Magadan Reg., Korona, 3.06.1994, Babakin [A.P.]] (Ex coll. V.A.Korolev, № P00194);
52. ♂, “Магаданская обл., Колымское нагорье, окр. п.Карамкен, 25.06.1994, Бабакина О.А.”, [Magadan reg., Kolyma Mts., loc. Karamken village, 25.06.1994, Babakina O.A.] (Ex coll. V.A.Korolev, № P00195);
53. ♂, Магаданская обл., Колымское нагорье, окр. п.Карамкен, 27.06.1994, Бабакина О.А. [Magadan reg., Kolyma Mts., loc. Karamken village, 27.06.1994, Babakina O.A.] (Ex coll. V.A.Korolev, № P00196);
54. ♂, “Магаданская обл., «Корона», 3.06.1994, Бабакин А.П.”, [Magadan reg., “Korona”, 3.06.1994, Babakin A.P.] (Ex coll. V.A.Korolev, № P00197);
55. ♂, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 10-15.06.1997, на ягеле, Бабакин А.П.”, [Magadan reg., Ola-village, Khasyn river, 1300 m, 10-15.06.1997, on reindeer morss, Babakin A.P.] (Ex coll. V.A.Korolev, № P00198);
56. ♂, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 10-15.06.1997, на ягеле, Бабакин А.П.”, [Magadan reg., Ola-village, Khasyn river, 1300 m, 10-15.06.1997, on reindeer morss, Babakin A.P.] (Ex coll. V.A.Korolev, № P00199);
57. ♂, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 10-15.06.1997, на ягеле, Бабакин А.П.”, [Magadan reg., Ola-village, Khasyn river, 1300 m, 10-15.06.1997, on reindeer morss, Babakin A.P.] (Ex coll. V.A.Korolev, № P00200);
58. ♂, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 10-15.06.1997, на ягеле, Бабакин А.П.”, [Magadan reg., Ola-village, Khasyn river, 1300 m, 10-15.06.1997, on reindeer morss, Babakin A.P.] (Ex coll. V.A.Korolev, № P00201);
59. ♂, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 10-15.06.1997, на ягеле, Бабакин А.П.”, [Magadan reg., Ola-village, Khasyn river, 1300 m, 10-15.06.1997, on reindeer morss, Babakin A.P.] (Ex coll. V.A.Korolev, № P00202);
60. ♂, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 10-15.06.1997, на ягеле, Бабакин А.П.”, [Magadan reg., Ola-village, Khasyn river, 1300 m, 10-15.06.1997, on reindeer morss, Babakin A.P.] (Ex coll. V.A.Korolev, № P00203);
61. ♂, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 10-15.06.1997, на ягеле, Бабакин А.П.”, [Magadan reg., Ola-village, Khasyn river, 1300 m, 10-15.06.1997, on reindeer morss, Babakin A.P.] (Ex coll. V.A.Korolev, № P00204);
62. ♂, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 10-15.06.1997, на ягеле, Бабакин А.П.”, [Magadan reg., Ola-village, Khasyn river, 1300 m, 10-15.06.1997, on reindeer morss, Babakin A.P.] (Ex coll. V.A.Korolev, № P00205);
63. ♂, “Магаданская обл., п.Карамкен, 28.06.1999, Бабакина О.А.”, [Magadan reg., Karamken, 28.06.1999, Babakina O.A.] (Ex coll. V.A.Korolev, № P00206);
64. ♂, “Магаданская обл., п.Карамкен, 28.06.1999, Бабакин А.П.”, [Magadan reg., Karamken, 28.06.1999, Babakin A.P.] (Ex coll. V.A.Korolev, № P00317);
65. ♂, “Магаданская обл., п.Карамкен, 28.06.1999, Бабакин А.П.”, [Magadan reg., Karamken, 28.06.1999, Babakin A.P.] (Ex coll. V.A.Korolev, № P00318);
66. ♀, “Магаданская обл., п.Карамкен, 10.06.1989, Палёха В.В.”, [Magadan reg., Karamken, 10.06.1989, Palekha V.V.] (Ex coll. V.A.Korolev, № P00207);

67. ♀, “Магаданская обл., п.Карамкен, 2.07.1993, Бабакина О.А.”, [Magadan reg., Karamken, 2.07.1993, Babakina O.A.] (Ex coll. V.A.Korolev, № P00208);
68. ♀, “Магаданская обл., п.Карамкен, 11.07.1993, Бабакина О.А.”, [Magadan reg., Karamken, 11.07.1993, Babakina O.A.] (Ex coll. V.A.Korolev, № P00209);
69. ♀, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 10-15.06.1997, на ягеле, Бабакин А.П.”, [Magadan reg., Ola-village, Khasyn river, 1300 m, 10-15.06.1997, on reindeer morss, Babakin A.P.] (Ex coll. V.A.Korolev, № P00210);
70. ♀, “Магаданская обл., п.Карамкен, 3.07.1999, Бабакин А.П.”, [Magadan reg., Karamken, 3.07.1999, Babakin A.P.] (Ex coll. V.A.Korolev, № P00319);
71. ♀, “Магаданская обл., п.Карамкен, 3.07.1999, Бабакин А.П.”, [Magadan reg., Karamken, 3.07.1999, Babakin A.P.] (Ex coll. V.A.Korolev, № P00320).

Parnassius (Driopa) eversmanni gornyensis Watanabe, 1998

Type locality: “п.Горный Хабаровского края” (Gorny, Khabarovsk Territory).

Russia, Khabarovsk Territory



72. *Topotyus* ♂, “Хабаровский край, Солнечный р-н, п.Горный, 15-29.06.1990, Щаденков А.А.”, [Khabarovsk Territory, Sunny area, Gorny, 15-29.06.1990, Stshadenkov A.A. leg.] (Ex coll. V.A.Korolev, № P00189);



73. *Topotyus* ♀, “Хабаровский край, Солнечный р-н, п.Горный, 15-29.06.1990, Щаденков А.А.”, [Khabarovsk Territory, Sunny area, Gorny, 15-29.06.1990, Stshadenkov A.A. leg.] (Ex coll. V.A.Korolev, № P00190).

Parnassius (Driopa) felderi Bremer, 1861

Original description: *Parnassius felderi* Bremer, 1861; Bull. Acad. Imp. Sci. St. Petersburg. 3 : 464

Parnassius (Driopa) felderi felderi (Bremer, 1861)

Type locality: Radde-village, Bureinsky Mt., (north part of Malyi Khingan Mts.)

Russia, Jewish Autonomous Oblast

74. (Table I, 74) ♂, “[Хабаровский кр.], п.Облучье, 16.07.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluchje, 16.07.1995, Sreltsov A.N.] (Ex coll. V.A.Korolev, № P00211);
75. ♂, “[Хабаровский кр.], п.Облучье, 18.07.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluchje, 18.07.1995, Sreltsov A.N.] (Ex coll. V.A.Korolev, № P00212).
76. ♂, “[Хабаровский кр.], п.Облучье, 18.07.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluchje, 18.07.1995, Sreltsov A.N.] (Ex coll. V.A.Korolev, № P00213).
77. ♂, “[Хабаровский кр.], п.Облучье, 18.07.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluchje, 18.07.1995, Sreltsov A.N.] (Ex coll. V.A.Korolev, № P00214).
78. ♂, “[Хабаровский кр.], п.Облучье, 17.07.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluchje, 17.07.1995, Sreltsov A.N.] (Ex coll. V.A.Korolev, № P00215).
79. ♀, “[Хабаровский кр.], п.Облучье, 17.07.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluchje, 17.07.1995, Sreltsov A.N.] (Ex coll. V.A.Korolev, № P00216).
80. ♀, “[Хабаровский кр.], п.Облучье, 16.07.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluchje, 16.07.1995, Sreltsov A.N.] (Ex coll. V.A.Korolev, № P00217).
81. ♀, “[Хабаровский кр.], п.Облучье, 18.07.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluchje, 18.07.1995, Sreltsov A.N.] (Ex coll. V.A.Korolev, № P00218).
82. ♀, “[Хабаровский кр.], п.Облучье, 18.07.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluchje, 18.07.1995, Sreltsov A.N.] (Ex coll. V.A.Korolev, № P00219).



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Russia, Malyi Khingan

83. ♂, Russia, Malyi Chingan Mts., 14.07.1997, Streltsov A.N. (Ex coll. V.A.Korolev, № P00220);
84. ♂, Russia, Malyi Chingan Mts., 14.07.1997, Streltsov A.N. (Ex coll. V.A.Korolev, № P00221);
85. ♂, Russia, Malyi Chingan Mts., 14.07.1997, Streltsov A.N. (Ex coll. V.A.Korolev, № P00222);

86. (Table I, 86) ♀, Russia, Malyi Chingan Mts., 14.07.1997, Streltsov A.N. (Ex coll. V.A.Korolev, № P00223).

Parnassius (Driopa) felderi maui (Sheljuzhko, 1914)

Type locality: Primorie: Terney and Tetukhe (Sikhote-Alin, Russia).

Russia, Primorsky distr.



87. *Topotyus* ♂, “Приморье, Сихоте-Алинь, окр. Дальнегорска (Тетюхе). 16-20.07.2011. leg. Бережной Ю.И.”, [Primorie, Sikhote-Alin, loc. Dal’negorsk (Tetukhe). 16-20.07.2011. leg. Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P01056);



88. *Topotyus* ♀, “Приморье, окр. г.Дальнегорска, 25.07.1994, Стрельцов А.Н.” [Primorie, loc. Dal’negorsk, 25.07.1994, leg. Streltsov A.N.] (Ex coll. V.A.Korolev, № P00224).

Parnassius (Driopa) litoreus Stichel, 1907

Original description: *Parnassius eversmanni* ssp. *litoreus* Stichel, 1907, in: Wyttsmann, Gen. Ins. Lep., 58:13 (Nota 1) *Parnassius*

Type locality: “Nikolaevsk-na-Amure, Amurgebiet” (Lower Amur, Russia).

Russia, Khabarovsk Terr.

89. ♂, Хабаровский кр., хр. Мяо-Чан, окр. Комсомольска-на-Амуре. 15.07.1996. А.Гуляев leg. [Khabarovsk terr., Муао-Chan Mts., loc. Komsomols-on-Amur. 15.07.1996. A.Gulyaev leg.] (Ex coll. Korolev V.A., № P01621);



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90. ♂, Хабаровский кр., хр. Мяо-Чан, окр. Комсомольска-на-Амуре. 15.07.1996. А.Гуляев leg. [Khabarovsk terr., Myao-Chan Mts., loc. Komsomols-on-Amur. 15.07.1996. A.Gulyaev leg.] (Ex coll. Korolev V.A., № P01622);
91. ♂, Хабаровский кр., хр. Мяо-Чан, окр. Комсомольска-на-Амуре. 15.07.1996. А.Гуляев leg. [Khabarovsk terr., Myao-Chan Mts., loc. Komsomols-on-Amur. 15.07.1996. A.Gulyaev leg.] (Ex coll. Korolev V.A., № P01623);
92. ♀, Хабаровский кр., хр. Мяо-Чан, окр. Комсомольска-на-Амуре. 15.07.1996. А.Гуляев leg. [Khabarovsk terr., Myao-Chan Mts., loc. Komsomols-on-Amur. 15.07.1996. A.Gulyaev leg.] (Ex coll. Korolev V.A., № P01624);
93. ♀, Хабаровский кр., хр. Мяо-Чан, окр. Комсомольска-на-Амуре. 15.07.1996. А.Гуляев leg. [Khabarovsk terr., Myao-Chan Mts., loc. Komsomols-on-Amur. 15.07.1996. A.Gulyaev leg.] (Ex coll. Korolev V.A., № P01625).

Parnassius (Driopa) mnemosyne (Linnaeus, 1759)

Original description: *Papilio mnemosyne* Linnaeus, 1758; Syst. Nat. (Edn 10) 1 : 465.

Parnassius (Driopa) mnemosyne republicanus Peebles & Bryk, 1931

Type locality: "Maledetta, Val de Eserta - Aragon"; Spain.

Spain



94. ♂, S.Spain, Pyrenees, Cerdania prov., La Molina, 1200 m, 22.06.2006. / Ex coll. Korolev V.A., № P01941.

Type locality: "Parnass"; Greece.

Greece



95. *Topotypus* ♂, Greece, Parnass Mts., 8 km S Amfiklia, 4.06.2011. / Ex coll. Korolev V.A., № P01942.

Parnassius (Driopa) mnemosyne weidingeri (Bryk & Eisner, 1932).

Type locality: Penza, Russia.

Russia, Moscow reg.

96. (Table I, 96) ♂, "Московская обл., Приокско-Тerrasный заповедник, 17.05.1975, Самодуров Г.Д.", [Moscow reg., Prioksko-Terrasnyi rezervat, 17.05.1975, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00156);
97. ♂, "Московская обл., Приокско-Тerrasный заповедник, 17.05.1975, Самодуров Г.Д.", [Moscow reg., Prioksko-Terrasnyi rezervat, 17.05.1975, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00155);
98. ♂, "Московская обл., Приокско-Тerrasный заповедник, 17.05.1975, Самодуров Г.Д.", [Moscow reg., Prioksko-Terrasnyi rezervat, 17.05.1975, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00157);
99. ♂, "Московская обл., Приокско-Тerrasный заповедник, 17.05.1975, Самодуров Г.Д.", [Moscow reg., Prioksko-Terrasnyi rezervat, 17.05.1975, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00158);
100. ♂, "Московская обл., Приокско-Тerrasный заповедник, 14.06.1980, Самодуров Г.Д.", [Moscow reg., Prioksko-Terrasnyi rezervat, 14.06.1980, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00159);
101. ♂, "Московская обл., Приокско-Тerrasный заповедник, 14.06.1980, Самодуров Г.Д.", [Moscow reg., Prioksko-Terrasnyi rezervat, 14.06.1980, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00160);
102. ♂, "Московская обл., Приокско-Тerrasный заповедник, 14.06.1980, Самодуров Г.Д.", [Moscow reg., Prioksko-Terrasnyi rezervat, 14.06.1980, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00161);
103. ♂, "Московская обл., Приокско-Тerrasный заповедник, 14.06.1980, Самодуров Г.Д.", [Moscow reg., Prioksko-Terrasnyi rezervat, 14.06.1980, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00162);

104. ♂, “Московская обл., Серпуховский р-н, д.Лужки, ПТЗаповедник, 1.06.1986, Сазонов С.”, [Moscow reg., Serpyhov distr., Luzhki village, Prioksko-Terrasny rezervat, 1.06.1986, Sazonov S. leg.] / Ex coll. V.A.Korolev, № P00163;
105. (Table I, 105) ♀, “Московская обл., Серпуховский р-н, д.Лужки, ПТЗаповедник, 1.06.1986, Сазонов С.”, [Moscow reg., Serpyhov distr., Luzhki village, Prioksko-Terrasny rezervat, 1.06.1986, Sazonov S. leg.] / Ex coll. V.A.Korolev, № P00164.

Parnassius (Driopa) mnemosyne craspedontis Fruhstorfer, 1909

Type locality: loc. Saratov, Russia.

Russia, Volgograd reg.

106. ♂, SE Russia, Volgograd, 22.05.2003 (Горная Поляна), Samus A. /Ex coll. V.A.Korolev, № P00165;
107. ♂, “Волгоградская обл., окр. г.Волгограда, Горная Поляна, 18.05.2004, Самусь А.”, [Volgograd reg., loc. Volgograd, Gornaya Polyana, 18.05.2004, Samus A. leg.] /Ex coll. V.A.Korolev, № P00166;
108. ♂, S.Russia, Volgograd-city, Gornaya Polyana hollow, 18.05.2004, Samus A. / Ex coll. V.A.Korolev, № P00167;
109. ♂, S.Russia, Volgograd-city, Gornaya Polyana hollow, 18.05.2004, Samus A. /Ex coll. V.A.Korolev, № P00168;
110. ♂, S.Russia, Volgograd-city, Gornaya Polyana hollow, 18.05.2004, Samus A. /Ex coll. V.A.Korolev, № P00169;
111. ♂, “Волгоградская обл., окр. г.Волгограда, Горная Поляна, 19.05.2004, Самусь А.”, [Volgograd reg., loc. Volgograd, Gornaya Polyana, 19.05.2004, Samus A. leg.] /Ex coll. V.A.Korolev, № P00170;
112. ♂, S.Russia, Volgograd-city, Gornaya Polyana hollow, 19.05.2004, Samus A. /Ex coll. V.A.Korolev, № P00171;
113. ♂, S.Russia, Volgograd-city, Gornaya Polyana hollow, 2.06.2004, Samus A. /Ex coll. V.A.Korolev, № P00172;



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114. ♂, “Волгоградская обл., окр. г.Волгограда, Горная Поляна, 2.06.2004, Самусь А.”, [Volgograd reg., loc. Volgograd, Gornaya Polyana, 2.06.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00173);
115. ♂, SE Russia, Volgograd (Горная Поляна), 22.05.2003. Samus A. (Ex coll. V.A.Korolev, № P00995);

116. ♂, “Волгоградская обл., п.Рыбачий, Среднеахтубинский р-н, 11.05.2004, Кузнецов Г.В.”, [Volgograd reg., Rybachiy village, Sredne-Akhtubinsky distr., 11.05.2004, Kuznetsov G.V. leg.] (Ex coll. V.A.Korolev, № P00175);
117. ♂, “Волгоградская обл., п.Рыбачий, Среднеахтубинский р-н, 11.05.2004, Кузнецов Г.В.”, [Volgograd reg., Rybachiy village, Sredne-Akhtubinsky distr., 11.05.2004, Kuznetsov G.V. leg.] (Ex coll. V.A.Korolev, № P00176);
118. ♂, SE Russia, Volgograd (Горная Поляна), 22.05.2003. Samus A. (Ex coll. V.A.Korolev, № P00994);
119. ♂, “Волгоград, Кировский р-н, лесопарк Горная Поляна, 21.05.2006. Самусь А.Н.”, [Volgograd-city, Kirovsky distr., Gornaya Polyana forest-park, 21.05.2006, Samus A.N. leg.] (Ex coll. V.A.Korolev, № P00935);
120. ♂, “Волгоград, Кировский р-н, лесопарк Горная Поляна, 21.05.2006. Самусь А.Н.”, [Volgograd-city, Kirovsky distr., Gornaya Polyana forest-park, 21.05.2006, Samus A.N. leg.] (Ex coll. V.A.Korolev, № P00936);
121. ♂, “Волгоградская обл., Иловлинский р-н, ст. Трёхостровская, 21.05.2005. Самусь А.Н.”, [Volgograd reg., Iovlinsky distr., Trehostrovskaya st., 21.05.2005, Samus A.N. leg.] (Ex coll. V.A.Korolev, № P00933);
122. ♂, SE Europ. Russia, Volgograd prov., Kamyshin distr., Danilovka vil. env. 23.05.2009. Leg. Samus A.N. (Ex coll. V.A.Korolev, № P00997);
123. ♀, “окр. Волгограда, п.Горная Поляна, 24.05.2004, Кузнецов Г.В.”, [loc. Volgograd, Gornaya Polyana, 24.05.2004, Kuznetsov G.V. leg.] (Ex coll. V.A.Korolev, № P00178);
124. ♀, S Russia, Volgograd-city, Gornaya Polyana, 28.05.2003. Samus A. (Ex coll. V.A.Korolev, № P00996);
125. ♀, S.Russia, Volgograd-city, Gornaya Polyana hollow, 2.06.2004, Samus A. (Ex coll. V.A.Korolev, № P00174);
126. ♀, “окр. Волгограда, п.Горная Поляна, 24.05.2004, Кузнецов Г.В.”, [loc. Volgograd, Gornaya Polyana, 24.05.2004, Kuznetsov G.V. leg.] (Ex coll. V.A.Korolev, № P00177);
127. ♀, “окр. Волгограда, п.Горная Поляна, 30.05.2004, Кузнецов Г.В.”, [loc. Volgograd, Gornaya Polyana, 30.05.2004, Kuznetsov G.V. leg.] (Ex coll. V.A.Korolev, № P00179);
128. ♀, “Волгоградская обл., Иловлинский р-н, ст. Трёхостровская, 21.05.2005. Самусь А.Н.”, [Volgograd reg., Iovlinsky distr., Trehostrovskaya st., 21.05.2005, Samus A.N. leg.] (Ex coll. V.A.Korolev, № P00934).

Parnassius (Driopa) mnemosyne ugrjumovi Bryk, 1914

Type locality: Vyatka (Kirov-city, Russia).

Russia, Ul'yanovsk reg.

129. ♂, “Ульяновская обл., Радищевский р-н, д.Рябина, 11.06.1993, Золотухин В.”, [Ul'yanovsk reg., Radistshevsky distr., Ryabina village, 11.06.1993, Zolotuhin V. leg.] (Ex coll. V.A.Korolev, № P00180).

Parnassius (Driopa) mnemosyne uralka (Bryk, 1921)

Type locality: South Urals, Russia.

Russia, South Urals

130. ♂, Russia, South Ural, Orenburg prov., loc. Kuvandyk vil., 10.05.2004. Berezhnoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00742);



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131. ♀, Russia, South Ural, Orenburg prov., loc. Kuvandyk vil., 31.05.2004. Bereznoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00741);
 132. ♂, Russia, South Ural, Orenburg prov., loc. Kuvandyk vil., 2.06.2004. Bereznoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00740).

***Parnassius (Driopa) mnemosyne ucrainicus* (Bryk & Eisner, 1932)**

Type locality: loc. Kiev-city, Ukraine.

Synonyms: *ucrainica* Bryk & Eisner, 1932

Ukraine, Donetsk reg.



133. ♂, SE Ukraine, Donetsk region, Krasnyi Liman env., 1-7.06.2011. I.Kondratenko leg. / "*P. mnemosyne*" / Ex coll. Korolev V.A., № P01617;

Belorussia

134. ♂, "Белоруссия, окр. г.Гомеля, 22.06.2003, Галкин А.Н.", [Belorussia, loc. Gomel-city, 22.06.2003, Galkin A.N. leg.] (Ex coll. V.A.Korolev, № P00181);
 135. ♂, "Белоруссия, Витебская обл., д.Щитовка, 15-25.06.2008, Галкин А.Н.", [Belorussia, Vitebsk reg., Stshitovka village, 15-25.06.2008, Galkin A.N. leg.] (Ex coll. V.A.Korolev, № P00883);
 136. ♂, "Белоруссия, п.Веречье, 10-20.06.2009. Галкин А.Н.", [Belorussia, Verech'e village, 10-20.06.2009, Galkin A.N. leg.] (Ex coll. V.A.Korolev, № P00998);

137. ♂, “Белоруссия, п.Веречье, 10-20.06.2009. Галкин А.Н.”, [Belorussia, Verech’e village, 10-20.06.2009, Galkin A.N. leg.] (Ex coll. V.A.Korolev, № P00999);
138. ♂, “Белоруссия, Витебская обл., Сенненский р-н., д.Щитовка, 1-10.06.2010, Галкин А.Н.”, [Belorussia, Vitebsk reg., Sennensky distr., Stshitovka village, 1-10.06.2010] (Ex coll. V.A.Korolev, № P01060).

Parnassius (Driopa) mnemosyne nubilosus Christoph, 1873

Type locality: “bei Hadschyabad und Tasch” (East part of Elburs Mts., N.Iran).

Georgia

139. ♂, “Грузия, Месхетский хр., окр. с.Ацкури, 1500 м, 28.06.1996. leg. Гундоров С.Б.”, [Georgia, Meshetsky Mts., loc. Atskuri village, 1500 m, 28.06.1996, leg. Gundorov S.B.] (Ex coll. V.A.Korolev, № P01037);
140. ♂, “Грузия, Месхетский хр., окр. с.Ацкури, 1500 м, 28.06.1996. leg. Гундоров С.Б.”, [Georgia, Meshetsky Mts., loc. Atskuri village, 1500 m, 28.06.1996, leg. Gundorov S.B.] (Ex coll. V.A.Korolev, № P01038).



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Parnassius (Driopa) mnemosyne rjabovi Sheljuzhko, 1935

Type locality: “Daratshistshag, in der Hohe von 7000-7500’.”. (N.Armenia, now – Tzahkadzor, 45 km N from Yerevan)

Armenia

141. ♂, “Армения, окр.г.Арагац, с.Антарут, 1800 м., 6.06.1996. leg. Гундоров С.Б.”, [Armenia, loc. Aragats Mt., Antarut village, 1800 m, 6.06.1996, leg. Gundorov S.B.] (Ex coll. V.A.Korolev, № P01046);
142. ♀, “Армения, окр.г.Арагац, с.Антарут, 1800 м., 6.06.1996. leg. Гундоров С.Б.”, [Armenia, loc. Aragats Mt., Antarut village, 1800 m, 6.06.1996, leg. Gundorov S.B.] (Ex coll. V.A.Korolev, № P01047).

Parnassius (Driopa) mnemosyne elisabethae Bryk & Eisner, 1934

Type locality: “Kash-Kash Dagh, Kagysman, Armenien” (NE Turkey, Kars).

Turkey

143. ♂, Turkey, Murgul Maden, 20-24.05. 1995, Filippov leg. (Ex coll. V.A.Korolev, № P00937);

Parnassius (Driopa) mnemosyne orientalis Verity, 1910

Original description: *Parnassius mnemosyne* var. *gigantea* r. *orientalis* Verity, 1911; *Rhopalocera* Palaeartica: 321, pl. 65, f. 12-13.

Type locality: "Alexander Mts." (Kirghizian Mts., North Tien-Shan).

Kirghizia, Kirghizian Mts.

144. ♂, Kyrgyzstan. Tian-Shan. Kirgizsky Mt. Range, Tyuzashoo Pass, 3200 m, 13.07.2000. I.Pljushch lg. (Ex coll. Korolev V.A., № P01571);



145. ♂, ["Северный Тянь-Шань"], Киргизский хр., долина р.Ала-Арча, водопад Ак-Сай, 2500 м., 23.07.1992, Королев С.В.", [North Tien-Shan, Kirghizian Mts., Ala-Archa river valley, waterfall Ak-Sai, 2500 m, 23.07.1992, Korolev S.V. leg.] (Ex coll. V.A.Korolev, № P00182);



146. ♀, Kyrgyzstan. Tian-Shan. Kirgizsky Mt. Range, Tyuzashoo Pass, 3200 m, 13.07.2000. I.Pljushch lg. (Ex coll. Korolev V.A., № P01572).

Parnassius (Driopa) mnemosyne nivalis Grose-Smith, 1908

Type locality: "Naryn River", Inner Tien-Shan.

Synonyms: *Parnassius mnemosyne giganteus* f. *nivalis* ; Bryk, 1935;

Kirghizia, Inner Tien-Shan



147. ♂, Kirgizstan, Inner Tian Shan, Naryntoo Mt. rng., Kyzyl-Bel pass, 3200 m, 5.07.2005, (Ex coll. V.A.Korolev, № P00183).

Parnassius (Driopa) mnemosyne valentinae Sheljizhko, 1943

Type locality: "Karzhantau-Gebirge (West-Tian-Shan) [...] in einer Umbelliferen-Steppe", SW Kazakhstan.

Kirghizia, West Tien-Shan



148. ♀, Kirghizia, Chandalash Mt. R., Jalal-Abad Province, Chatkal District, Chakmaksu village, 5-10.07.2012. Sergei Toropov. (Ex coll. V.A.Korolev, № P01552);
149. ♀, Kirghizia, Chandalash Mt. R., Jalal-Abad Province, Chatkal District, Chakmaksu village, 5-10.07.2012. Sergei Toropov. (Ex coll. V.A.Korolev, № P01553);
150. ♂, Kirghizstan, West Tien-Shan, Chatkal Mt. Range, Padysha-Ata river ravine, N 41°42'46", E 71°37'09", 1700-1900 m, 18.06.2013. N.Rubin & Yu. Sobolevskaya leg. (Ex coll. V.A.Korolev, № P01792);
151. ♀, Kirghizstan, West Tien-Shan, Chatkal Mt. Range, Padysha-Ata river ravine, N 41°42'46", E 71°37'09", 1700-1900 m, 18.06.2013. N.Rubin & Yu. Sobolevskaya leg. (Ex coll. V.A.Korolev, № P01793);



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***Parnassius (Driopa) mnemosyne ochracea* Austaut, 1891**

Type locality: “Turkestan”; corrected TL: East of Gissar Mts., Tadjhikistan.

Synonyms: *ochraceus* Austaut, 1891.

Tadjhikistan, Gissar Mts.

152. ♂, “Гиссарский хр., Анзобский пер., 2800 м., 5.07.1992, Сочивко А.”, [Gissar Mts., Anzob-pass, 2800 m, 5.07.1992, Sochivko A. leg.] (Ex coll. V.A.Korolev, № P00184);
 153. ♂, “Гиссарский хр., Анзобский пер., 2800 м., 5.07.1992, Сочивко А.”, [Gissar Mts., Anzob-pass, 2800 m, 5.07.1992, Sochivko. A. leg.] (Ex coll. V.A.Korolev, № P00185).

***Parnassius (Driopa) mnemosyne gigantea* Staudinger, 1886**

Type locality: “Kuldscha, Margelan” (Alai Mts., Tadjhikistan).

Synonyms: *giganteus* Staudinger, 1886.

Tadjhikistan, Peter I Mts.

154. ♂, “хр. Петра I, сев. склон, окр. Таджикабада, 2800 м, 12.06.1989, Евстигнеев А.А.”, [Peter I Mts., north slope, loc. Tadjhikabad, 2800 m, 12.06.1989, Evstigneev A.A. leg.] (Ex coll. V.A.Korolev, № P00186);
 155. ♀, “хр. Петра I, сев. склон, окр. Таджикабада, 2800 м, 12.06.1989, Евстигнеев А.А.”, [Peter I Mts., north slope, loc. Tadjhikabad, 2800 m, 12.06.1989, Evstigneev A.A. leg.] (Ex coll. V.A.Korolev, № P00187);

Tadjhikistan, West Pamir

156. ♂, “Западный Памир, Ванчский хр., 2450 м, окр. п.Ванч, 24.06.1990, Кадамшоев”, [West Pamir, Vanch Mts., 2450 m, loc. Vanch village, 24.06.1990, Kadamshoev leg.] (Ex coll. V.A.Korolev, № P00188).

***Parnassius (Driopa) nordmanni* [Ménétriés], 1850**

Original description: *Parnassius nordmanni* Ménétriés, [1850]; in Siemaschko, Russian Fauna (17): pl. 4, f. 5.

Type locality: "Berg Tschugusch [...] Berg Uschba [...] Berg Oschton" (Mt. Chugush in loc. Krasnaya Polyana (Adygeya); Mt. Ushba (Svanetiya); Mt. Oshten (Adygeya, Russia).



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Russia, North Caucasus

157. (Table I, 157) ♂, Russia, G.Caucasus, Elbrus Mts., h=2800 m, 8.08.2007; (Ex coll. V.A.Korolev, № P00226);
158. ♂, Russia, G.Caucasus, Elbrus Mts., h=2800 m, 10.08.2007; (Ex coll. V.A.Korolev, № P00227);
159. ♂, S.Russia, Karachaevo-Cherkessia rep., Dombay settl. env., H=3200 m. 25.07.2012. leg. Samus A.N. (Ex coll. V.A.Korolev, № P01523);
160. ♂, S.Russia, Karachaevo-Cherkessia rep., Dombay settl. env., H=3200 m. 25.07.2012. leg. Samus A.N. (Ex coll. V.A.Korolev, № P01524);
161. ♂, S.Russia, Karachaevo-Cherkessia rep., Dombay settl. env., H=3200 m. 25.07.2012. leg. Samus A.N. (Ex coll. V.A.Korolev, № P01525);
162. ♂, S.Russia, Karachaevo-Cherkessia rep., Dombay settl. env., H=3200 m. 25.07.2012. leg. Samus A.N. (Ex coll. V.A.Korolev, № P01526).
163. (Table I, 163) ♀, Russia, G.Caucasus, Elbrus Mts., h=2800 m, 10.08.2007; (Ex coll. V.A.Korolev, № P00228);
164. ♀, S.Russia, Karachaevo-Cherkessia rep., Dombay settl. env., H=3200 m. 25.07.2012. leg. Samus A.N. (Ex coll. V.A.Korolev, № P01527);
165. ♂, Карачаево-Черкессия, 30 км Ю пос. Архыз, 2400 м, 27.07.1994. А.В.Жаков leg. [Karachaevo-Cherkessiya, 30 km S Arhyz-city, 2400 m, 27.07.1994, A.V. Zhakov leg.] (Ex coll. Korolev V.A., № P01618).

Russia, Great Caucasus, Krasnodar reg.

166. ♀, "Кавказ, Краснодарский кр., Лазаревский р-н, окр. Красной Поляны, п.Солох-Аул, 15.07.2009. Вершков Ю. leg.", [Caucasus, Krasnodar terr., Lazarevsky distr., loc. Krasnaya Polyana, Soloh-Aul village, 15.07.2009, Vershkov Yu. Leg.] (Ex coll. V.A.Korolev, № P01078);
167. ♀, "Кавказ, Краснодарский кр., Лазаревский р-н, окр. Красной Поляны, п.Солох-Аул, 15.07.2009. Вершков Ю. leg.", [Caucasus, Krasnodar terr., Lazarevsky distr., loc. Krasnaya

Parnassius (Driopa) orleans Oberthür, 1890

Original description: *Parnassius orleans* Oberthür, 1890; Descr. esp. nouv. Léop.: 1.

Parnassius (Driopa) orleans orleans Oberthür, 1890

Type locality: not designated, [Sichuan, China].

China, Sichuan prov.

168. ♂, Ya`an, Sichuan, China, 3800 m, 13.07.2012. Ex coll. Korolev V.A., № P02016;

169. ♀, Ya`an, Sichuan, China, 3800 m, 13.07.2012. Ex coll. Korolev V.A., № P02017.

Parnassius (Driopa) orleans groumi Oberthür, 1892

Type locality: "Amdo" (West China).

China, Qinghai prov.

170. (Table I, 170) ♂, China, Qinghai Ping A.N., h= 4000 m, 10-17.07.2005; (Ex coll. V.A.Korolev, № P00229);

171. (Table I, 171) ♀, China, Qinghai Ping A.N., h= 4000 m, 10-17.07.2005; (Ex coll. V.A.Korolev, № P00230).

Parnassius (Driopa) orleans johanna Bryk, 1932

Type locality: "Taipashan (Shensi)", China, Shanxi Prov.

China, Shanxi prov.



172. ♂, China, Shanxi Prov., Taibai Mtn., 10-15.07.2006. (Ex coll. V.A.Korolev, № P01517).

Parnassius (Driopa) stubbendorfi Ménériés, 1849

Original description: *Parnassius stubbendorfi* Ménériés, 1849; Mém. Acad. Imp. Sci. St.-Pétersb. 6 (4): 273, pl. 6, f. 2,

Parnassius (Driopa) stubbendorfi stubbendorfi (Menetries, 1849)

Type locality: « ... les rives de la Chorma dans le district de Kansk» (Russia, East Sayan Mts., Irkutsk reg., Belskie Goltsy, Erma river – Tuzov et al., 1997).

Russia, East Sayan Mts.

173. ♂, “Бурятия, В.Саян, Тункинские Гольцы, с.Монды, 1600 м, 26.06.1993, Махат В.Г.”, [Buryatia, E.Sayan, Tunkinskie Goltsy, Mondy village, 1600 m, 26.06.1993, Mahat V.G. leg.] (Ex coll. V.A.Korolev, № P00232);



174. ♂, “Бурятия, В.Саян, Тункинские Гольцы, с.Монды, 1600 м, 25.06.1993, Махат В.Г.”, [Buryatia, E.Sayan, Tunkinskie Goltsy, Mondy village, 1600 m, 25.06.1993, Mahat V.G. leg.] (Ex coll. V.A.Korolev, № P00231);

175. ♂, “Бурятия, В.Саян, Тункинские Гольцы, с.Монды, 1600 м, 29.06.1993, Махат В.Г.”, [Buryatia, E.Sayan, Tunkinskie Goltsy, Mondy village, 1600 m, 29.06.1993, Mahat V.G. leg.] (Ex coll. V.A.Korolev, № P00233);

176. ♂, “Бурятия, В.Саян, Тункинские Гольцы, с.Монды, 1600 м, 10.07.1993, Махат В.Г.”, [Buryatia, E.Sayan, Tunkinskie Goltsy, Mondy village, 1600 m, 10.07.1993, Mahat V.G. leg.] (Ex coll. V.A.Korolev, № P00234).

Parnassius (Driopa) stubbendorfi typicus (Bryk, 1914)

Type locality: “Ongodail” (Ongudai village in Katun-river valley, north slopes of Terektinsky Mts, Altai, Russia).

Synonyms: *typica* Bryk, 1914; *elena* Korb, 1997; *evdokimovi* Korb, 1999;

Russia, Altai

177. ♂, Russia, Altai reg., Shebalino vil., 9.06.2002. Berezhnoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00743)
178. ♂, Russia, Altai reg., Shebalino vil., 9.06.2002. Berezhnoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00745);
179. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino vil., 1100 m, 8-9.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00790);



180. ♂, Russia, Altai reg., Shebalino vil., 9.06.2002. Bereznoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00744);
181. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino vil., 1100 m, 8-9.06.2008, Bereznoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00791);
182. ♂, “Алтай, Семинский хр., Шебалино, 1100 м., 8-9.06.2008. Бережной Ю.И.”, [Altai, Seminsky Mts., Shebalino vil., 1100 m, 8-9.06.2008, Bereznoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00792);
183. ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraisky Mts., Aktash vil., 1500 m, 14-21.06.2008, Bereznoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00793);
184. ♂, Алтай, окр. п.Акташ, 2200 м, 2.07.2000. [Altai, loc. Aktash vil., 2200 m, 2.07.2000] (Ex coll. Korolev V.A., № P01608).

Parnassius (Driopa) stubbendorfi standfussi (Bryk, 1912)

Type locality: “Nikolajewsk” (Nikolaevsk-on-Amur, Khabarovsk territory).

Russia, Khabarovsk terr.

185. (Table I, 185) ♀, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00255);



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186. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 12.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 12.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00235);
187. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00236);
188. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00237);
189. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00238);
190. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00239);
191. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00240);
192. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00241);
193. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00242);
194. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00243);
195. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00244);
196. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00245);
197. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 22.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 22.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00246);
198. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 22.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 22.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00247);
199. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 22.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 22.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00248);
200. ♂, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 22.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 22.06.1994, Караев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00249);
201. ♂, “окр. Комсомольска-на-Амуре, лыжная база «Снежинка», 27.06.1994, Капкаев А.Ю.”, [loc. Komsomolsk-on-Amur, skiing lodge “Snezinka”, 27.06.1994, Капкаев А.Ю. leg.] (Ex coll. V.A.Korolev, № P00250);

202. ♂, “окр. Комсомольска-на-Амуре, лыжная база «Снежинка», 27.06.1994, Капкаев А.Ю.”, [loc. Komsomolsk-on-Amur, skiing lodge “Snezhinka”, 27.06.1994, Kapkaev A.Yu. leg.] (Ex coll. V.A.Korolev, № P00251);
203. ♂, “окр. Комсомольска-на-Амуре, п.Пивань, 12.06.1995, Капкаев А.Ю.”, [loc.Komsomolsk-on-Amur, Pivan village, 12.06.1995. Kapkaev A.Yu. leg.] (Ex coll. V.A.Korolev, № P00252);
204. ♂, “окр. Комсомольска-на-Амуре, п.Пивань, 12.06.1995, Капкаев А.Ю.”, [loc.Komsomolsk-on-Amur, Pivan village, 12.06.1995. Kapkaev A.Yu. leg.] (Ex coll. V.A.Korolev, № P00253);
205. ♀, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Kapkaev A.Yu. leg.] (Ex coll. V.A.Korolev, № P00254);
206. ♀, “Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 18.06.1994, Капкаев А.Ю.”, [Khabarovsk terr., Komsomolsk-on-Amur-city, Silinsky park, 18.06.1994, Kapkaev A.Yu. leg.] (Ex coll. V.A.Korolev, № P00256);
207. ♀, “окр. Комсомольска-на-Амуре, п.Пивань, 21.06.1995, Капкаев А.Ю.”, [loc.Komsomolsk-on-Amur, Pivan village, 21.06.1995. Kapkaev A.Yu. leg.] (Ex coll. V.A.Korolev, № P00257);
208. ♀, “Хабаровский край, Солнечный р-н, п.Горный, 14-25.06.1991, Щаденков А.А.”, [Khabarovsk terr., Sunny distr., Gornyi vil., 14-25.06.1991, Stshadenkov A.A. leg.] (Ex coll. V.A.Korolev, № P00258).

Parnassius (Driopa) stubbendorfi bodemeyeri (Bryk, 1914)

Type locality: “Sohipka Gora” (west of Jewish Autonomous Oblast, south slopes of Bureinsky Mts., Russia).

Russia, Jewish Autonomous Oblast, Bureinsky Mts.

209. ♂, “[Хабаровский край, Буреинский хр.], п.Облучье, 16.06.1995, Стрельцов А.Н.”, [Khabarovsk terr., Bureinsky Mts., Obluch'e village, 16.06.1995, Streltsov A.N. leg.] (Ex coll. V.A.Korolev, № P00259);
210. ♂, “[Хабаровский край, Буреинский хр.], п.Облучье, 16.06.1995, Стрельцов А.Н.”, [Khabarovsk terr., Bureinsky Mts., Obluch'e village, 16.06.1995, Streltsov A.N. leg.] (Ex coll. V.A.Korolev, № P00260);
211. ♂, “[Хабаровский край, Буреинский хр.], п.Облучье, 16.06.1995, Стрельцов А.Н.”, [Khabarovsk terr., Bureinsky Mts., Obluch'e village, 16.06.1995, Streltsov A.N. leg.] (Ex coll. V.A.Korolev, № P00261).



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Type locality: “Insel Askold” (Askold Is. in Peter Velikiy bay, S.Primorie, Russia).

Synonyms: *koreana* Verity, 1907; *amurensis* Verity, 1910; *koreanus* Rotschild, 1918.

Russia, Primorie

212. ♂, “Южное Приморье, окр. п.Шкотово, 20.06.1988, Титов В.”, [South Primorie, loc. Shkotovo vil., 20.06.1988, Titov V. leg.] (Ex coll. V.A.Korolev, № P00262);
213. ♂, “Приморье, окр. Партизанска, д.Анисомовка, 20.07.2008, Бережной Ю.И.”, [Primorie, loc. Partizansk, Anisimovka village, 20.07.2008, Berezhnoy Yu.I.] (Ex coll. V.A.Korolev, № P00789).

Parnassius (Driopa) stubbendorfi kosterini Kreuzberg et Pljstch, 1992

Type locality: Koni-peninsula on south of Magadan reg., Russia.

Russia, Magadan reg.

214. ♂, “г.Магадан окр., 16.07.1993”, [loc. Magadan city, 16.07.1993] / coll. Streltsov / ex coll. Korolev V.A. / «kosterini Krzb et Plj., 1992, det. Sreltsov 94» (Ex coll. V.A.Korolev, № P00263);
215. ♂, “Магаданская обл., ручей Колчаковский, п.Ола, 25.07.1994, Бабакина О.А.”, [Magadan reg., Kolchakovsky creek, Ola village, 25.07.1994, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00264);
216. ♀, “Магаданская обл., Ольский р-н, п.Ола, Колчаковский ручей, 23.07.1994, Бабакин А.П.”, [Magadan reg., Ola distr., Ola village, Kolchakovsky creek, 23.07.1994, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00265);
217. ♀, “Магаданская обл., Ольский р-н, п.Ола, Колчаковский ручей, 23.07.1994, Бабакин А.П.”, [Magadan reg., Ola distr., Ola village, Kolchakovsky creek, 23.07.1994, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00266);
218. ♀, “Магаданская обл., ручей Колчаковский, п.Ола, 10.08.1996, Бабакина О.А.”, [Magadan reg., Kolchakovsky creek, Ola village, 10.08.1996, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00267);
219. ♀, “Магаданская обл., ручей Колчаковский, п.Ола, 10.08.1996, Бабакина О.А.”, [Magadan reg., Kolchakovsky creek, Ola village, 10.08.1996, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00268);
220. ♀, “Магаданская обл., ручей Колчаковский, п.Ола, 10.08.1996, Бабакина О.А.”, [Magadan reg., Kolchakovsky creek, Ola village, 10.08.1996, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00269);
221. ♀, “Магаданская обл., ручей Колчаковский, п.Ола, 10.08.1996, Бабакина О.А.”, [Magadan reg., Kolchakovsky creek, Ola village, 10.08.1996, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00270);
222. ♀, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 15.07.1997, на ягеле, Бабакина О.А.”, [Magadan reg., Ola village, Khasyn-river, 1300 m, 15.07.1997, on reindeer moss, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00271);
223. ♀, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 15.07.1997, на ягеле, Бабакина О.А.”, [Magadan reg., Ola village, Khasyn-river, 1300 m, 15.07.1997, on reindeer moss, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00272);
224. ♀, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 15.07.1997, на ягеле, Бабакина О.А.”, [Magadan reg., Ola village, Khasyn-river, 1300 m, 15.07.1997, on reindeer moss, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00273);

225. ♀, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 24.07.1997, на ягеле, Бабакина О.А.”,
[Magadan reg., Ola village, Khasyn-river, 1300 m, 24.07.1997, on reindeer moss, Babakina
O.A. leg.] (Ex coll. V.A.Korolev, № P00274).

Parnassius (Driopa) hoenei Schweitzer, 1912

Original description: *Parnassius stubbendorffii* ssp. *hoenei* Schweitzer, 1912. Ent. Zeitschr. 25:57.
Type locality: Japan (Iburi).

Japan



226. ♂, “*Parnassius hoenei*” / Japan, Obihiro-shi Hokkaido, Iwanaisenkyou. 18.06.2010. (Ex coll.
V.A.Korolev, № P01516)

Parnassius (Driopa) hoenei esakii Nakahara, 1926

Type locality: Sakhalin.

Russia, Sakhalin is.



227. ♂, Far East of Russia, S.Sakhalin isl., Novoalexandrovska env. 3.07.2013 / Ex coll. Korolev
V.A., № P01939;

Parnassius (Driopa) glacialis Butler, 1866

Original description: *Parnassius glacialis* Butler, 1866; J. Linn. Soc. Zool. Lond. 9 (34) : 50

Note: long time this taxon considered as a subspecies *stubbendorffii* Menetries, 1849 (see Bryk, 1935). However, studies by Takashi Yagi et al. (Yagi T. et al. 2001), conducted with the help of genetic analysis confirmed the independence of this species. They established ranges overlap *P. stubbendorffii hoenei* and *P. glacialis glacialis* in southern Hokkaido.

Parnassius (Driopa) glacialis tsingtaua Bang-Haas, 1910

Type locality: "Umgebung von Tsingtau (Deutsch-China)" (lower flow of Yellow-river, Shandun Prov., China).

Synonyms: *tsingtanus* A.Bang-Haas, 1910; *tajanus* Bryk, 1932.

China, Shandun prov.

228. (Table II, 228) ♀, China, Shandun Prov., 12.05.2008. (Ex coll. V.A.Korolev, № P01020)

Subgenus *Kailasius* Moore, 1902

***Parnassius (Kailasius) autocrator* Avinov, 1913**

Original description: *Parnassius charltonius* Gray subsp. *autocrator* Avinov, 1913. Horae Soc. Ent. Ross. 40 (5) : 16-17, pl. 2, f. 3.

***Parnassius (Kailasius) autocrator autocrator* Avinov, 1913**

Type locality: "in montibus Darvazi centrali lecta. [...] в горах Дарваза, несколько на запад от местонахождения *varporosus*"; E.Pamir.

Tadzhikistan, East Pamir

229. (Table II, 229) ♂, Tadzhikistan, East Pamir, Muzkol, W.Pshart river, 4100 m, 27/07.2004; / Ex coll. V.A.Korolev, № P00282;



230. ♀, Muzkol ran., W.Pshart riv., h=3700 m, E.Pamir, Tadzikistan, 25.07-01.08.2011. Vodjanov lg. / Ex coll. Korolev V.A., № P01917.

Tadzhikistan, West Pamir

231. ♂, E. Tadzhikistan. W.Pamir. Vanch Mt. Range, Vanch district, above Gishkhan vill., 4000 m, 23-28.07.2010. O.Pak & E.Ivanova lg. (Ex coll. Korolev V.A., № P01580).

***Parnassius (Kailasius) charltonius* Gray, 1853**

Original description: *Parnassius charltonius* Gray, [1853]; Cat. lep. Ins. Coll. Brit. Mus. 1 (*Papilionidae*): 77, pl. 12, f. 7.

Type locality: "jenseits des Passes Dschirge. [...] Gipfel des Dschirge [...] (Dschirge-tal-bilj) [...] nicht unter 12,000 Fuss Meereshöhe";

Kirgizstan, Trans Alai Mt.

232. ♂, S Kirgizstan, Trans Alai Mt. rng., Aram-Kungei river, 3100 m, 14.07.2012. / Ex coll. Korolev V.A., № P01952.

Parnassius (Kailasius) charltonius vaporosus Avinov, 1913 (1916)

Type locality: "Volat montibus Darvazi orientalis [...] из восточного Дарваза" (the east of area between Peter I Mts. and Vanch Mts.; South Alichursky Mts.)

Tadzhikistan, West Pamir

233. (Table II, 233) ♂, "Зап. Памир, Шугнанский хр., уроч. Сангоу-Дара, 3800 м., 17.07.1969, Загуляев М.А.", [West Pamir, Shugnan Mts., Sangou-Dara, 3800 m, 17.07.1969, Zagulyaev M.A. leg.] (Ex coll. V.A.Korolev, № P00279);

234. ♂, "Зап. Памир, Шугнанский хр., уроч. Сангоу-Дара, 4100 м., 28.07.1972, Загуляев М.А.", [West Pamir, Shugnan Mts., Sangou-Dara, 3800 m, 17.07.1969, Zagulyaev M.A. leg.] (Ex coll. V.A.Korolev, № P00280).

Parnassius (Kailasius) charltonius sochivkoi Churkin, 2009

Type locality: Ak-Bura river, NE Alai Mts.

Kirghizia, Alai Mts.

235. ♂, S. Kirgizstan, Alai Range, Isfairam-Saj Valley, Langar circ., 3100 m, 13.07.1997. I.Pljuschch lg. (Ex coll. Korolev V.A., № P01574).

Parnassius (Kailasius) augustus Fruhstorfer, 1903

Original description: *Parnassius imperator augustus* Fruhstorfer, 1903; Soc. Ent. 18 (15): 113.

Note: some authors considering this taxon as a subspecies of *P. imperator*; but others – as a separate species.

Parnassius (Kailasius) augustus augustus Fruhstorfer, 1903

Type locality: «... von der Sikkim Tibetanischen Grenze, gefangen auf 18,000'»; Sikkim, Tibet.

China, S.Tibet:

236. (Table II, 236) ♂, China, Kangmar, Shigatse [near Sikkim], Tibet, 10-30/VII/2014, H=4800 m / Ex coll. Korolev V.A., № P02026.

Parnassius (Kailasius) imperator Oberthür, 1883

Original description: *Parnassius imperator* Oberthür, 1883; Bull. Soc. ent. Fr. 1883: lxxvii.

Parnassius (Kailasius) imperator musageta Grum-Grshimailo, 1891

Type locality: "In regione Amdo dicta, in montibus ad flumen Chuan-che" (West China, Amdo Prov.).

Synonyms: musagetus.

China, Tibet, Kun-Lun Mts.

237. (Table II, 237) ♂, [Kun-Lun Mts.] China, Quinhai prov., Ledu, 3400 m, 20.06.2004; (Ex coll. V.A.Korolev, № P00283);

238. ♀, *P. imperator musageta*, China, Tibet, Cinhaj, Amdo, H = 3400 m, 5.07.2005. (Ex coll. V.A.Korolev, № P01117).

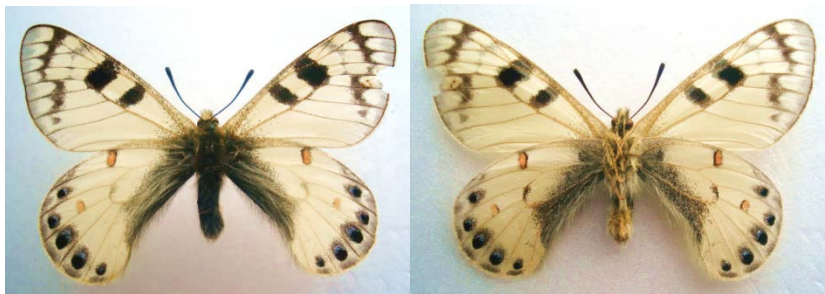
Parnassius (Kailasius) loxias Püngeler, 1901

Original description: *Parnassius loxias* Püngeler, 1901; Dt. Ent. Z. Iris 14 (1) : 178, pl. 1, f. 5, 6.

Parnassius (Kailasius) loxias tashkorensis Kreuzberg, 1984

Type locality: "Kirgiz SSR, Kaindy (Kaindy-Katta) mountain range, Utsh-Tshat mountains, 70 km West of Pobedy Peak, Tashkoro village, 3100-3400 m".

Kirghizia, East Tien-Shan



239. *Topotypus* ♂, "Восточный Тянь-Шань, хр.Каинды, п.Ташкоро, 2600 м., 20.07.1991, Евстигнеев А.А.", [East Tien-Shan, Kaindy Mts., Tashkoro village, 2600 m, 20.07.1991, Evstigneev A.A. leg.] (Ex coll. V.A.Korolev, № P00281).

Subgenus Koramius Moore, 1902

Parnassius (Koramius) acdestis Grum-Grshimailo, 1891

Original description: *Parnassius delphius* var. *acdestis* Grum-Grshimailo, 1891; Horae Soc. ent. Ross. 25 (3-4) : 446

Parnassius (Koramius) acdestis lathonius (Bryk, 1913)

Type locality: South Tibet, China.

China, South Tibet

240. (Table II, 240) ♂, [China] [S.] Tibet, Koro-la [pass], 5200-5400 m., 06.1995, leg. Ammosov O. (Ex coll. V.A.Korolev, № P00385).

Parnassius (Koramius) acdestis irenaephilus Bryk, 1943

Type locality: "Batang, alpine Zone (ca. 5000 m)" (Centr. China, Sichuan, Batang).

China, Sichuan prov.

241. (Table II, 241) *Topotypus* ♂, «*P. acdestis cinerosus*», China, Batang, Sichuan Prov., 6-15.07.2006. (Ex coll. V.A.Korolev, № P01112).

Parnassius (Koramius) acdestis roweii Sorimachi & Morita, 1994

Type locality: C.Tibet, China.

China, Tibet

242. (Table II, 242) ♂, China, Tibet, Yung-La Pass, 5000 m, 14.07.2011. (Ex coll. Korolev V.A., № P01657).

Parnassius (Koramius) cardinal Grum-Grshimailo, 1887

Original description: *Parnassius delphius* var. *cardinal* Grum-Grshimailo, 1887; in Romanoff, Mém. Lép. 3: 39.

Parnassius (Koramius) cardinal cardinal Grum-Grshimailo, 1887

Type locality: Kette Peter I [...] zum Flecken Tuptschek und an den Fuss des Kara-Schar (über 20,000 Fuss)" (Peter I Mts., Tupchek-pass, Kara-Shar river, Tadzhikistan).

Tadzhikistan, Peter I Mts.

243. (Table II, 243) ♂, Tadzhikistan, Peter I Mts., Lyangar, h=2800 m, 8.07.2006. (Ex coll. V.A.Korolev, № P00881).

Parnassius (Koramius) cardinal djamila Eisner & Naumann, 1980

Type locality: "N-Afghanistan, Prov. Badakhshan, 15 km NE Baharak, Kotal-e-Zardeu, Darr.-e-Hazar-Tshashma, 3100 m".

Afghanistan

244. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01575);

245. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01576);

246. (Table II, 246) ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3500-3600 m. 24-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01586);

247. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3500-3600 m. 24-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01587);

248. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3500-3600 m. 24-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01589);



249. ♀, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3500-3600 m. 24-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01588);
250. ♀, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01577).

Parnassius (Koramius) delphius (Eversmann, 1843)

Original description: *Parnassius delphius* Eversmann, 1843; Bull. Soc. Imp. Nat. Moscou, 16 (3): 541, pl. 7, f. 1A-B

Note: the species characterized by the formation of melanistic forms - dark aberrations having infrasubspecific status. Among them are described f. *satanas* Bang-Haas, 1910 and f. *styrx* Staudinger, 1886.

Parnassius (Koramius) delphius delphius (Eversmann, 1843)

Type locality: "...cum duabus praecedentibus speciebus in iisdem locis [...] in promontoriis Altaicis australibus"; corrected TL: E.Kazakhstan, Dzhungaria, Tarbagatai.

Kazakhstan, Dzhungaria

251. ♂, SE Kazakhstan, Dzhungarsky Alatau, Toksonbai Mt. Range, Uitas Mt. envir., 3000-3300 m a.s.l., 29.06.2012. K.Dovgailo leg. (Ex coll. Korolev V.A., № P01796).

Parnassius (Koramius) delphius pulchra (Eisner, 1939)

Type locality: "Kungei Ala Tau, Kok-Bulak" (Tien-Shan, Kungei Alatau Mts., Kok-Bulak, Kirghizia).

Synonyms: *menander* Hemming, 1934.

Kazakhstan, N.Tien-Shan, Transili Alatau Mts.

252. (Table II, 252) ♂, "Заилийский Алатау, долина р.Чилик, окр. п.Саты, оз.Кюльсай, 25.07.1991, Щаденков А.А.", [Transili Alatau, Chilik river valley, loc. Saty village, Kulsai lake, 25.07.1991, Stshadenkov A.A. leg.] (Ex coll. V.A.Korolev, № P00370);
253. (Table II, 253) ♀, f. *styrx* Staudinger, 1886, "Заилийский Алатау, долина р.Чилик, окр. п.Саты, оз.Кюльсай, 25.07.1991, Щаденков А.А.", [Transili Alatau, Chilik river valley, loc.

Kazakhstan, Ketmen Mts.

254. ♂, ЮВ Казахстан, хр. Кетмень, окр. п. Б.Кетмень, 3100 м, 15.07.1992, С.Каунов leg. [SE Kazakhstan, Ketmen Mts., loc. Big Ketmen vil., 3100 m, 15.07.1992. S.Kaunov leg.] (Ex coll. Korolev V.A., № P01635);
255. ♂, f. *styx* Staudinger, 1886, ЮВ Казахстан, хр. Кетмень, окр. п. Б.Кетмень, 3100 м, 15.07.1992, С.Каунов leg. [SE Kazakhstan, Ketmen Mts., loc. Big Ketmen vil., 3100 m, 15.07.1992. S.Kaunov leg.] (Ex coll. Korolev V.A., № P01636);
256. ♀, f. *styx* Staudinger, 1886, ЮВ Казахстан, хр. Кетмень, окр. п. Б.Кетмень, 3100 м, 15.07.1992, С.Каунов leg. [SE Kazakhstan, Ketmen Mts., loc. Big Ketmen vil., 3100 m, 15.07.1992. S.Kaunov leg.] (Ex coll. Korolev V.A., № P01637).



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Parnassius (Koramius) delphius namanganus (Staudinger, 1886)

Type locality: "von den Alpen bei Namangan" (east part of Chatkal Mts., - Tshikolovets, 2000:85).

Kirghizia, N.Tien-Shan, Kirghizski Mts.

257. ♂, "Киргизский хр., ущелье р.Шамси, 28.06.1992, Чиколовец В.В.", [Kirghizski Mts., Shamsi river canyon, 28.06.1992, Tshikolovets V.V. leg.] (Ex coll. V.A.Korolev, № P00372);
258. ♂, "Киргизский хр., ущелье р.Шамси, 28.06.1992, Чиколовец В.В.", [Kirghizski Mts., Shamsi river canyon, 28.06.1992, Tshikolovets V.V. leg.] (Ex coll. V.A.Korolev, № P00373);
259. (Table II, 259) ♀, "Киргизский хр., ущелье р.Шамси, 28.06.1992, Чиколовец В.В.", [Kirghizski Mts., Shamsi river canyon, 28.06.1992, Tshikolovets V.V. leg.] (Ex coll. V.A.Korolev, № P00374);
260. (Table II, 260) ♀, "Киргизский хр., ущелье р.Шамси, 28.06.1992, Чиколовец В.В.", [Kirghizski Mts., Shamsi river canyon, 28.06.1992, Tshikolovets V.V. leg.] (Ex coll. V.A.Korolev, № P00375);
261. ♀, "Киргизский хр., ущелье р.Шамси, 28.06.1992, Чиколовец В.В.", [Kirghizski Mts., Shamsi river canyon, 28.06.1992, Tshikolovets V.V. leg.] (Ex coll. V.A.Korolev, № P00376).

Parnassius (Koramius) delphius menander Hemming, 1934

Type locality: Inner Tien Shan?

Note: some authors considering this taxon as a synonym of ssp. *pulchra* (Eisner, 1939).

Kirghizia, Inner Tien-Shan, Baydulu Mts.

262. ♂, “Внутренний Тянь-Шань, [хр.Байдулу], пер. Долон, 3200 м, 3.07.1976, Самодуров Г.Д.”, [Inner Tien-Shan, Baydulu Mts., Dolon pass, 3200 m, 3.07.1976, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00377);
263. ♂, “Внутренний Тянь-Шань, [хр.Байдулу], пер. Долон, 3200 м, 3.07.1976, Самодуров Г.Д.”, [Inner Tien-Shan, Baydulu Mts., Dolon pass, 3200 m, 3.07.1976, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00378);
264. ♂, f. *satanas* A.Bang-Haas, 1910; “Внутренний Тянь-Шань, [хр.Байдулу], пер. Долон, 3200 м, 3.07.1976, Самодуров Г.Д.”, [Inner Tien-Shan, Baydulu Mts., Dolon pass, 3200 m, 3.07.1976, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00379);
265. ♂, Kirghizstan, Inner Tien-Shan, Baiduly M. Range, upper stream of Kara-Unkyur river, 3200-3500 m a.s.l., 7.07.2009. N.Rubin & Yu. Sobolevskaya leg. (Ex coll. V.A.Korolev, № P01797).

***Parnassius (Koramius) delphius candidatus* Bang-Haas, 1915**

Type locality: “Thianschan or., Juldus (Kuldscha, Ili, Issykkul) Ingiltschek”.

Kirghizia, C.Tien-Shan, Terskey Alatau Mts.

266. (Table II, 266) ♂, *P. delphius candidatus*, Kirghizstan, Tian-Shan, E.Terskei-Alatau Mts., Bayankol riv., 13-18.06.2005. (Ex coll. V.A.Korolev, № P01108).

***Parnassius (Koramius) delphius constans* Bang-Haas, 1915**

Type locality: “Aksutal (Chantengri)”;

Kirghizia, E.Tien Shan, E.Terskei Alatau Mt.

267. ♂, Kirgizstan, E Terskei Alatau Mt. rng., Chon-Ashoo pass, 3400 m, 1.07.2013. / Ex coll. Korolev V.A., № P01945;

***Parnassius (Koramius) delphius karaschahrica* Bang-Haas, 1915**

Type locality: “Tianschan or. mer., Kourgak-Taon, Sudabhang des Thian-schan, nordwestl. Karaschahr (Kutscha mount.), Juli, 3500 m”.

SE Kirghizia, Dzhanly-Dzher Mt.

268. ♂, SE Kirgizstan, Dzhanly-Dzher Mt. rng., Akbaital gorge, 3800 m, 5.07.2011. / Ex coll. Korolev V.A., № P01946.

***Parnassius (Koramius) patricius* Niepelt, 1911**

Original description: *Parnassius patricius* Niepelt, 1911; Int. Ent. Ztg 5 (38): 274,

***Parnassius (Koramius) patricius patricius* Niepelt, 1911**

Type locality: «vom Thian-Schan Gebirge (Turkestan)» (loc. Naryn, Inner Tien-Shan, Kirghizia).

Kirghizia, Inner Tien-Shan, Dzhetim-bel Mts.

269. (Table II, 269) ♂, *P. patricius patricius*, Kirgizstan, Dzhetyym Bel Mts., Suek pass, h=3900 m, 25-30.06.2007. (Ex coll. V.A.Korolev, № P01110);
270. (Table II, 270) ♀, *P. patricius patricius*, Kirgizstan, Dzhetyym Bel Mts., Suek pass, h=3900 m, 25-30.06.2007. (Ex coll. V.A.Korolev, № P01111).

***Parnassius (Koramius) maximinus* Staudinger, 1891**

Original description: *Parnassius delphius* var. *maximinus* Staudinger, 1891; Dt. Ent. Z. Iris 4 (1) : 158-159

***Parnassius (Koramius) maximinus maximinus* Staudinger, 1891**

Type locality: «"in den Gebirgen an der Südwestseite des Issyk Kul"» (east of Chatkal Mts, West Tien-Shan, Uzbekistan).

Uzbekistan, Pskem Mts.



271. ♂, «[Западный Тянь-Шань], Пскемский хр., окр. к.Пскем, 2850 м., 4.07.1989, Самодуров Г.Д.», [West Tien-Shan, Pskem Mts., loc. Pskem village, 2850 m, 4.07.1989, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00384)

***Parnassius (Koramius) maximinus legezina* Bergmann, 1995**

Type locality: «Uzbekistan, W. Tian-Shan, Kurmaminski-Kette, Kamtschik-Pass, 1600-2000 м»;

Uzbekistan, Kuraminsky Mt.

272. *Topotypus* ♂, Uzbekistan. Kuramin Mt. rng., Kamchik pass, 2600 m, 26.06.2007. / Ex coll. Korolev V.A., № P01947;

***Parnassius (Koramius) staudingeri* Bang-Haas, 1882**

Original description: *Parnassius staudingeri* Bang-Haas, 1882; in Staudinger & Bang-Haas, Berl. ent. Z. 26 (1) : 163, pl. 2, f. 7-8, 8a.

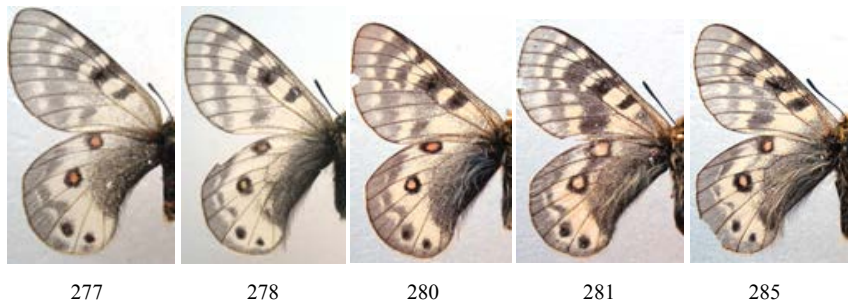
Type locality: "auf dem Hazret-Sultan Gebirge" (Hazret-Sultan Mt., west of Gissar Mts., border of Uzbekistan and Tadjhikistan).

Tadjhikistan, Zeravshan Mts.

273. (Table II, 273) ♂, "Зеравшанский хр., Фанские горы, перевал Казнок, ледник Мутновский, 4200 м, 16.08.1989, Резниченко А.П.", [Zeravshan Mts., Fanskiye Gory, Kaznok pass, Mutnovsky glacier, 4200 m, 16.08.1989, Reznichenko A.P. leg.] (Ex coll. V.A.Korolev, № P00420);
274. ♀, "Зеравшанский хр., Фанские горы, перевал Казнок, ледник Мутновский, 4200 м, 16.08.1989, Резниченко А.П.", [Zeravshan Mts., Fanskiye Gory, Kaznok pass, Mutnovsky glacier, 4200 m, 16.08.1989, Reznichenko A.P. leg.] (Ex coll. V.A.Korolev, № P00421);
275. **Melanistic form** ♂, "Зеравшанский хр., Фанские горы, перевал Казнок, ледник Мутновский, 4200 м, 16.08.1989, Резниченко А.П.", [Zeravshan Mts., Fanskiye Gory, Kaznok pass, Mutnovsky glacier, 4200 m, 16.08.1989, Reznichenko A.P. leg.] (Ex coll. V.A.Korolev, № P00422).

Parnassius (Koramius) staudingeri infernalis Elwes, 1886

Type locality: "Aus den Alpen bei Osch" (mountains in loc. Osh-city, Alai Mts., Kirghizia).



Kirghizia, Alai Mts.

276. **Topotypus** ♂, "Киргизия, Алайский хр., пер.Талдык, 3700 м., 4.07.1991, leg. Гундоров С.Б.", [Kirghizia, Alai Mts., Taldyk pass, 3700 m, 4.07.1991, leg. Gundorov S.B.] (Ex coll. V.A.Korolev, № P01049);
277. **Topotypus** ♀, "Киргизия, Алайский хр., пер.Талдык, 3700 м., 4.07.1991, leg. Гундоров С.Б.", [Kirghizia, Alai Mts., Taldyk pass, 3700 m, 4.07.1991, leg. Gundorov S.B.] (Ex coll. V.A.Korolev, № P01050);
278. (Table II, 278) ♂, "Вост. Алайского хр., застава Кашкасу, 3500 м., 14.07.1992, Самодуров Г.Д.", [East Alai Mts., Kashkasu outpost, 3500 m, 14.07.1992, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00425);
279. ♂, "Вост. Алайского хр., застава Кашкасу, 3500 м., 14.07.1992, Самодуров Г.Д.", [East Alai Mts., Kashkasu outpost, 3500 m, 14.07.1992, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00426).

280. *Topotyus* ♂, Ю. Киргизия, Алайский хр., пер. Талдык, 3800 м, 29.07.1989. И.Плющ leg. [S. Kirghizia, Alai Mts., Taldyk Pass, 3800 m. 29.07.1989. I. Pljushtch leg.] (Ex coll. Korolev V.A., № P01613);
281. *Topotyus* ♂, Ю. Киргизия, Алайский хр., пер. Талдык, 3800 м, 29.07.1989. И.Плющ leg. [S. Kirghizia, Alai Mts., Taldyk Pass, 3800 m. 29.07.1989. I. Pljushtch leg.] (Ex coll. Korolev V.A., № P01614);
282. *Topotyus* ♀, Ю. Киргизия, Алайский хр., пер. Талдык, 3800 м, 29.07.1989. И.Плющ leg. [S. Kirghizia, Alai Mts., Taldyk Pass, 3800 m. 29.07.1989. I. Pljushtch leg.] (Ex coll. Korolev V.A., № P01615);
283. *Topotyus* ♀, Ю. Киргизия, Алайский хр., пер. Талдык, 3800 м, 29.07.1989. И.Плющ leg. [S. Kirghizia, Alai Mts., Taldyk Pass, 3800 m. 29.07.1989. I. Pljushtch leg.] (Ex coll. Korolev V.A., № P01616);
284. *Topotyus* ♂, Ю. Киргизия, Алайский хр., пер. Талдык, 3700 м, 19.07.1991. И.Плющ leg. [S. Kirghizia, Alai Mts., Taldyk Pass, 3700 m. 19.07.1991. I. Pljushtch leg.] (Ex coll. Korolev V.A., № P01626);
285. *Topotyus* ♂, Ю. Киргизия, Алайский хр., пер. Талдык, 3700 м, 19.07.1991. И.Плющ leg. [S. Kirghizia, Alai Mts., Taldyk Pass, 3700 m. 19.07.1991. I. Pljushtch leg.] (Ex coll. Korolev V.A., № P01627);
286. *Topotyus* ♂, Ю. Киргизия, Алайский хр., пер. Талдык, 3700 м, 19.07.1991. И.Плющ leg. [S. Kirghizia, Alai Mts., Taldyk Pass, 3700 m. 19.07.1991. I. Pljushtch leg.] (Ex coll. Korolev V.A., № P01628);
287. *Topotyus* ♂, Ю. Киргизия, Алайский хр., пер. Талдык, 3700 м, 19.07.1991. И.Плющ leg. [S. Kirghizia, Alai Mts., Taldyk Pass, 3700 m. 19.07.1991. I. Pljushtch leg.] (Ex coll. Korolev V.A., № P01629);
288. *Topotyus* ♀, Ю. Киргизия, Алайский хр., пер. Талдык, 3700 м, 19.07.1991. И.Плющ leg. [S. Kirghizia, Alai Mts., Taldyk Pass, 3700 m. 19.07.1991. I. Pljushtch leg.] (Ex coll. Korolev V.A., № P01630);
289. ♂, S Kirgizstan, Alai Mt. rng., Tengizbai pass, 3600 m, 4.07.2007. / Ex coll. Korolev V.A., № P01950.

Tadzhikistan Transalai Mts.

290. ♂, “Заалайский хр. [восток], 211 км. Памирского тракта, п.Бордобо, 4000 м., 10.07.1981, Самодуров Г.Д.”, [Transalai Mts. (east), 211 km of Pamir tract, Bordobo village, 4000 m, 10.07.1981, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00423);
291. (Table II, 291) ♂, “Заалайский хр. [восток], 211 км. Памирского тракта, п.Бордобо, 4000 м., 10.07.1981, Самодуров Г.Д.”, [Transalai Mts. (east), 211 km of Pamir tract, Bordobo village, 4000 m, 10.07.1981, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00424).

Parnassius (Koramius) staudingeri illustris Grum-Grshimailo, 1888

Type locality: "Transalai" (west of Transalai Mts.).

Kirghizia, Transalai Mts.

292. ♂, “Заалайский хр., уроч. Арам-Кунгей, 4000 м., 19.07.1992, Чиколовец В.В.”, [Transili Mts., Aram-Kungei, 4000 m, 19.07.1992, Tshikolovets V.V. leg.] (Ex coll. V.A.Korolev, № P00429);

293. (Table II, 293) ♂, Киргизия, Заалайский хр., Арам-Кунгей, 3500 м, 25.06.1994. Э.И.Хотько leg. [Kirghizia, Transalai Mts., Aram-Kungej, 3500 m, 25.06.1994. E.I.Khotko leg.] (Ex coll. Korolev V.A., № P01609);
294. ♂, Киргизия, Заалайский хр., Арам-Кунгей, 3500 м, 25.06.1994. Э.И.Хотько leg. [Kirghizia, Transalai Mts., Aram-Kungej, 3500 m, 25.06.1994. E.I.Khotko leg.] (Ex coll. Korolev V.A., № P01610);
295. ♂, Киргизия, Заалайский хр., Арам-Кунгей, 3500 м, 25.06.1994. Э.И.Хотько leg. [Kirghizia, Transalai Mts., Aram-Kungej, 3500 m, 25.06.1994. E.I.Khotko leg.] (Ex coll. Korolev V.A., № P01611);
296. ♂, Киргизия, Заалайский хр., Арам-Кунгей, 3500 м, 25.06.1994. Э.И.Хотько leg. [Kirghizia, Transalai Mts., Aram-Kungej, 3500 m, 25.06.1994. E.I.Khotko leg.] (Ex coll. Korolev V.A., № P01612).

Parnassius (Koramius) staudingeri hissaricus Eisner, 1968

Type locality: "aus dem Hissar-Gebirge, die in 3200 m (Ansob Pass) - 3400 m Höhe" (Gissar Mts., Anzob pass, Tadzhhikistan).

Tadzhhikistan, Gissar Mts.



297. ♂, "Гиссарский хр., хр.Мачитли, р.Киштут, 2600 м., 3.08.1986, Евсеев А.Г.", [Gissar Mts., Machitli Mt., Kishtut river, 2600 m, 3.08.1986, Evseev A.G. leg.] (Ex coll. V.A.Korolev, № P00427);
298. ♂, "Гиссарский хр., хр.Мачитли, р.Киштут, 2600 м., 3.08.1986, Евсеев А.Г.", [Gissar Mts., Machitli Mt., Kishtut river, 2600 m, 3.08.1986, Evseev A.G. leg.] (Ex coll. V.A.Korolev, № P00428).

Parnassius (Koramius) staudingeri jacobsoni Avinov, 1913

Type locality: "in Pamiro centrali [...] с гор близ Памирского Поста" (Murgab, East Pamir, Tadzhhikistan).

Tadzhhikistan, West Pamir

299. ♂, E. Tajikistan, W. Pamir, Shugnansky Mt., Range Dzhilandy vill. env., 4200 m, 21.07.1989. I.Pljushch lg. (Ex coll. Korolev V.A., № P01606);



301. ♂, “Памир, Шугнанский хр., Джеланды, 4800 м., 18.07.1990. leg. Гундоров С.Б.”, [Pamir, Shugnan Mts., Dzhelandy, 4800 m, 18.07.1990, leg. Gundorov S.B.] (Ex coll. V.A.Korolev, № P01048).

***Parnassius (Koramius) hunza* Grum-Grshimailo, 1888**

Original description: *Parnassius stoliczkanus* Feld: var. *hunza* Grum-Grshimailo, 1888; Berl.ent. Z., 26:163, Taf 2, Abb. 7, 8, 8a..

***Parnassius (Koramius) hunza hunza* Grum-Grshimailo, 1888**

Type locality: "Hindukusch orient."; Pakistan.

Tadgikistan, East Pamir, Vahanski Mt.



302. ♂, [E. Pamir] Tadgikistan, Vahanski r., Beik pass, h=4200-4500 m, 15-18.07.2007. / Ex coll. Korolev V.A., № P01957;

Subgenus *Parnassius* Latreille, 1804

***Parnassius (Parnassius) actius* (Eversmann, 1843)**

Original description: *actius* (Eversmann, 1843); Bull. Soc. Imp. Nat. Moscou 16 (3): 540, pl. 9, f. 2a, b.

***Parnassius (Parnassius) actius actius* (Eversmann, 1843)**

Type locality: erroneously listed as “Altai”, corrected TL: “Dzhungarsky Alatau, Kazakhstan”.
Synonyms: *actinobolus* Staudinger, 1898.

China, Dzhungaria

303. (Table II, 303) ♂, *Parnassius actius actius*, China, Hejing, Xinjiang, 2-10.08.2003. (Ex coll. V.A.Korolev, № P01107).

SE Kazakhstan, Dzhungaria, Boro-Horo Mts.

304. ♂, Ю.В. Казахстан, хр. Боро-Хоро, окр. п. Тышкан, 3000 м. 13.07.1990. И.Плющ leg. [SE Kazakhstan, Dzhungaria, Boro-Horo Mts., Tyshkan village vic., 3000 m, 13.07.1990, I.Pljustsh leg.] (Ex coll. Korolev V.A., № P01632);
305. ♂, Ю.В. Казахстан, хр. Боро-Хоро, окр. п. Тышкан, 3000 м. 13.07.1990. И.Плющ leg. [SE Kazakhstan, Dzhungaria, Boro-Horo Mts., Tyshkan village vic., 3000 m, 13.07.1990, I.Pljustsh leg.] (Ex coll. Korolev V.A., № P01633);
306. ♂, Ю.В. Казахстан, хр. Боро-Хоро, окр. п. Тышкан, 3000 м. 13.07.1990. И.Плющ leg. [SE Kazakhstan, Dzhungaria, Boro-Horo Mts., Tyshkan village vic., 3000 m, 13.07.1990, I.Pljustsh leg.] (Ex coll. Korolev V.A., № P01634);



307. ♂, Ю.В. Казахстан, хр. Боро-Хоро, окр. п. Тышкан, 3000 м. 13.07.1990. И.Плющ leg. [SE Kazakhstan, Dzhungaria, Boro-Horo Mts., Tyshkan village vic., 3000 m, 13.07.1990, I.Pljustsh leg.] (Ex coll. Korolev V.A., № P01631).

Parnassius (Parnassius) actius minutus Verity, 1911

Type locality: Juldus (Issykul) (? Issyk-Kul lake, North Tien-Shan).
Synonyms: *minuta* Verity, 1911.

Kazakhstan, North Tien-Shan, Transili Alatau Mts.

308. ♂, S.Kazakhstan, Zailiisky Alatau Mts., loc Almaty, Malaya Almaatinka river, 3000 m, 11.07.2007 Bereznoi Yu.I. (Ex coll. V.A.Korolev, № P00747);



309. ♂, S.Kazakhstan, Zailiisky Alatau Mts., loc Almaty, Malaya Almaatinka river, 3000 m, 11.07.2007 Bereznoi Yu.I. (Ex coll. V.A.Korolev, № P00746);



310. ♀, S.Kazakhstan, Zailiisky Alatau Mts., loc Almaty, Malaya Almaatinka river, 3000 m, 14.07.2007 Bereznoi Yu.I. (Ex coll. V.A.Korolev, № P00748).

***Parnassius (Parnassius) actius dubitabilis* Verity, 1910**

Type locality: «Karaigatan» (old name of Naryn, Inner Tien-Shan).

Kirghizia, Inner Tien-Shan, At-Bashi Mts.

311. (Table II, 311) ♀, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев В.А.”, [Inner Tien-Shan, At-Bashi Mts., loc. Tash-Rabat caravanserai, 25.07.1990, Korolev V.A. leg.] (Ex coll. V.A.Korolev, № P00432);
312. ♀, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев В.А.”, [Inner Tien-Shan, At-Bashi Mts., loc. Tash-Rabat caravanserai, 25.07.1990, Korolev V.A. leg.] (Ex coll. V.A.Korolev, № P00433);
313. ♀, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев В.А.”, [Inner Tien-Shan, At-Bashi Mts., loc. Tash-Rabat caravanserai, 25.07.1990, Korolev V.A. leg.] (Ex coll. V.A.Korolev, № P00434);
314. ♀, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев С.В.”, [Inner Tien-Shan, At-Bashi Mts., loc. Tash-Rabat caravanserai, 25.07.1990, Korolev S.V. leg.] (Ex coll. V.A.Korolev, № P00436);

315. ♀, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев С.В.”, [Inner Tien-Shan, At-Bashi Mts., loc. Tash-Rabat caravanserai, 25.07.1990, Korolev S.V. leg.] (Ex coll. V.A.Korolev, № P00435);



316. ♂, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев В.А.”, [Inner Tien-Shan, At-Bashi Mts., loc. Tash-Rabat caravanserai, 25.07.1990, Korolev V.A. leg.] (Ex coll. V.A.Korolev, № P00431);

317. ♀, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев С.В.”, [Inner Tien-Shan, At-Bashi Mts., loc. Tash-Rabat caravanserai, 25.07.1990, Korolev S.V. leg.] (Ex coll. V.A.Korolev, № P00437).

Kirghizia, Inner Tien-Shan, Baidulu Mts.



318. ♂, “Внутр. Тянь-Шань, [хр.Байдулу], перевал Долон, 3200 м., 29.06.1976, Самодуров Г.Д.”, [Inner Tien-Shan, Baidulu Mts., Dolon pass, 3200 m, 29.06.1976, Samodurov G.D./ leg.] (Ex coll. V.A.Korolev, № P00430).

***Parnassius (Parnassius) apollo* (Linnaeus, 1758)**

Original description: *Papilio apollo* Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 465.

***Parnassius (Parnassius) apollo piedemontanus* Fruhstorfer, 1909**

Type locality: “Quellen-gebiet von Dora Belta, Courmajeur”, North. Italy.

N. Italy, Piemonte

319. ♂, [North] Italy – Piemonte, Val Susa, Rochemolles m. 1600-1800, Geuseppe Vignali legit & coll. / 12.07.1970. / Ex coll. Korolev V.A., № P01960.

Parnassius (Parnassius) apollo euappenninus Verity, [1913]

Type locality: “Pizzo tre Vescovi”, Centr. Italy.

Centr. Italy

320. ♂, [Centr.] Italy – Marche, Monte Sibillini-Fiastra (MC), Fonte della Vetica, 1600 m, Geuseppe Vignali leg., 29.07.1969. / Ex coll. Korolev V.A., № P01959.

Parnassius (Parnassius) apollo victorialis Fruhstorfer, 1921
f. *montegrappensis* G. Sala, M. Bollino & de Castro, 1993

Type locality: Monte Grappa, Italy.

Italy, Alps

321. (Table II, 321) *Topotypus* ♂, Italy, Monte Grappa, Prov. Trento, 1200 m, 20.06.2005, ex. coll. Korolev V.A. (Ex coll. V.A.Korolev, № P00460);

322. (Table II, 322) *Topotypus* ♀, Italy, Monte Grappa, Prov. Trento, 1200 m, 20.06.2005, ex. coll. Korolev V.A. (Ex coll. V.A.Korolev, № P00461).

Parnassius (Parnassius) apollo moskovitus Bryk & Eisner, 1938

Type locality: Moscow reg., Russia.

Russia, Moscow reg.

323. ♂, “Московская обл., Ступинский р-н, окр.г.Ступино, р.Ока, 20.07.1976, Подшибякин И.М. / Колл. И.М.Подшибякина”, [Moscow reg., Stupino distr., loc. Stupino-city, Oka valley, 20.07.1976, Podshibyakin I.M. leg. / Coll. I.M.Podshibyakin] (Ex coll. V.A.Korolev, № P00134).

Parnassius (Parnassius) apollo democratus Krulikowsky, 1906

Type locality: “Kasanj...” [] “...sudlichen Kreisen des Gow. Wiatka” (Kazan and S.Wyatka distr., Russia).

Russia, Vladimir reg.

324. ♂, “Владимирская обл., пос. Красный Маяк, верх. р.Колпь, 4-6.07.1996, Самодуров Г.Д.”, [Vladimir reg., Krasnyi Mayak village, Kolp river, 4-6.07.1996, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00136);

325. ♂, “Владимирская обл., пос. Красный Маяк, верх. р.Колпь, 4-6.07.1996, Самодуров Г.Д.”, [Vladimir reg., Krasnyi Mayak village, Kolp river, 4-6.07.1996, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00137);

326. (Table III, 326) ♂, “Владимирская обл., пос. Красный Маяк, верх. р.Колпь, 4-6.07.1996, Самодуров Г.Д.”, [Vladimir reg., Krasnyi Mayak village, Kolp river, 4-6.07.1996, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00138);
327. ♂, “Владимирская обл., пос. Красный Маяк, верх. р.Колпь, 4-6.07.1996, Самодуров Г.Д.”, [Vladimir reg., Krasnyi Mayak village, Kolp river, 4-6.07.1996, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00139);
328. ♂, “Владимирская обл., пос. Красный Маяк, верх. р.Колпь, 4-6.07.1996, Самодуров Г.Д.”, [Vladimir reg., Krasnyi Mayak village, Kolp river, 4-6.07.1996, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00140);



329. ♂, “Владимирская обл., пос. Красный Маяк, верх. р.Колпь, 4-6.07.1996, Самодуров Г.Д.”, [Vladimir reg., Krasnyi Mayak village, Kolp river, 4-6.07.1996, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00135);
330. ♂, “Владимирская обл., пос. Красный Маяк, верх. р.Колпь, 4-6.07.1996, Самодуров Г.Д.”, [Vladimir reg., Krasnyi Mayak village, Kolp river, 4-6.07.1996, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00141);
331. ♂, “Владимирская обл., пос. Красный Маяк, верх. р.Колпь, 4-6.07.1996, Самодуров Г.Д.”, [Vladimir reg., Krasnyi Mayak village, Kolp river, 4-6.07.1996, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00142);
332. ♂, “Владимирская обл., пос. Красный Маяк, верх. р.Колпь, 4-6.07.1996, Самодуров Г.Д.”, [Vladimir reg., Krasnyi Mayak village, Kolp river, 4-6.07.1996, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00143).

Russia, Nizhnij-Novgorod reg.

333. ♂, Russia, Nizhny Novgorod region, Pavlosk district, 4.07.2001. leg. B.Kholodov (Ex coll. Korolev V.A., № P01556);
334. ♂, Russia, Nizhny Novgorod region, Pavlosk district, 4.07.2001. leg. B.Kholodov (Ex coll. Korolev V.A., № P01557).

Russia, Lipetsk reg.

335. ♂, Central Russia, Lipetsk. 20.06.2000. Afanasov P.V. (Ex coll. V.A.Korolev, № P01081).

Russia, Middle Ural

336. ♂, Russia, Middle Ural, Sverdlovsk prov., loc. Staroutkinsk, 7.07.2001. Berezhnoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00737);



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337. ♂, Russia, Middle Ural, Sverdlovsk prov., loc. Staroutkinsk, 7.07.2001. Berezhnoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00738);
338. ♂, Russia, Middle Ural, Sverdlovsk prov., Staroutkinsk city near, 10.07.2002, Berezhnoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00866);
339. ♂, Russia, Middle Ural, Sverdlovsk prov., Staroutkinsk city near, 10.07.2002, Berezhnoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00867);
340. ♂, Russia, Middle Ural, Sverdlovsk prov., Staroutkinsk city near, 10.07.2002, Berezhnoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00868).

Parnassius (Parnassius) apollo limicola Stichel, 1906

Type locality: “Ural” (probably Orenburg reg., South Ural, Russia).

Russia, South Ural

341. (Table III, 341) ♂, “Южный Урал, долина р.Сакмары, п.Чураево, 15-19.07.1994, С.В.Королев”, [South Ural, Sakmara river valley, Churaevo village, 15-19.07.1994, S.V.Korolev leg.] (Ex coll. V.A.Korolev, № P00146);
342. (Table III, 342) ♀, “Южный Урал, долина р.Сакмары, п.Чураево, 12-14.07.1994, С.В.Королев”, [South Ural, Sakmara river valley, Churaevo village, 12-14.07.1994, S.V.Korolev leg.] (Ex coll. V.A.Korolev, № P00147);
343. ♀, “Южный Урал, долина р.Сакмары, п.Чураево, 15-19.07.1994, С.В.Королев”, [South Ural, Sakmara river valley, Churaevo village, 15-19.07.1994, S.V.Korolev leg.] (Ex coll. V.A.Korolev, № P00148);
344. ♀, “Южный Урал, долина р.Сакмары, п.Чураево, 15-19.07.1994, С.В.Королев”, [South Ural, Sakmara river valley, Churaevo village, 15-19.07.1994, S.V.Korolev leg.] (Ex coll. V.A.Korolev, № P00149);
345. ♀, “Южный Урал, долина р.Сакмары, п.Чураево, 15-19.07.1994, В.А.Королев”, [South Ural, Sakmara river valley, Churaevo village, 15-19.07.1994, V.A.Korolev leg.] (Ex coll. V.A.Korolev, № P00150);
346. ♀, “Южный Урал, долина р.Сакмары, п.Чураево, 15-19.07.1994, В.А.Королев”, [South Ural, Sakmara river valley, Churaevo village, 15-19.07.1994, V.A.Korolev leg.] (Ex coll. V.A.Korolev, № P00151).

Parnassius (Parnassius) apollo caucasicus Pagenstecher, 1912

Type locality: “Borzhom” (Meshetsky Mts., Georgia).

Note: the type material not found (Nekrutenko, 1990). The ratio of this taxon to ssp. *adzharensis* Sheljuzhko, 1924 (TL: “Adzhara Mts. / ms. Sapilet, Arzhinet und Sesvintria...”, Adzharia, Georgia) is not clear (see: Тихонов В.В., 2014). The identification of butterflies from Meshetsky Mts. with ssp. *kashshenko* Sheljuzhko, 1924 (TL: “Ararat Mt.”, NE Turkey) is wrong.

Georgia



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347. ♂, “Грузия, Ахалцихский р-н, с.Ацкури, 30.06.1986, 800 м., Самодуров Г.Д.”, [Georgia, Akhaltsihsy distr., Atskuri village, 30.06.1986, 800 m, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00144);
348. ♂, “Грузия, Месхетский хр., окр. с.Ацкури, 1500 м., 1.07.1996. leg. Гундоров С.Б.”, [Georgia, Meshetsky Mts., loc. Atskuri village, 1500 m, 1.07.1996, leg. Gundorov S.B.] (Ex coll. V.A.Korolev, № P01052);
349. ♀, “Грузия, Месхетский хр., окр. с.Ацкури, 1500 м., 5.07.1996. leg. Гундоров С.Б.”, [Georgia, Meshetsky Mts., loc. Atskuri village, 1500 m, 5.07.1996, leg. Gundorov S.B.] (Ex coll. V.A.Korolev, № P01053);
350. ♀, “*P. apollo kashshenko* ♀ / Грузия, Месхетский хр., окр. с.Ацкури, 1500 м 30.06.1996. leg. Гундоров С.Б.”, [Georgia, Meshetsky Mts., loc. Atskuri village, 1500 m, 30.06.1996, leg. Gundorov S.B.] (Ex coll. V.A.Korolev, № P01067).

Parnassius (Parnassius) apollo tkatshukovi Sheljuzhko, 1935

Type locality: “Gouv. Erivanj, Daratshitshag (now Tzahkadzor), 7000—7800’; (loc. Charentsavan, Armenia).

Armenia

351. ♂, Republic Armenia, Kotayk Province, Aghveran (40°31’46,83” N; 44°33’47,09” E) suburbs, 55 km N from Yerevan, 1800 m, 7-8.07.2007. Yuriy Shevnin (Ex coll. Korolev V.A., № P01564);
352. ♂, Republic Armenia, Kotayk Province, Aghveran (40°31’46,83” N; 44°33’47,09” E) suburbs, 55 km N from Yerevan, 2000 m, 5-14.07.2012. V.Hambartzumian (Ex coll. Korolev V.A., № P01565);



353. ♂, Republic Armenia, Kotayk Province, Aghveran (40°31'46,83" N; 44°33'47,09" E) suburbs, 55 km N from Yerevan, 1800 m, 7-8.07.2007. Yuriy Shevnin (Ex coll. Korolev V.A., № P01563);



354. ♀, Republic Armenia, Kotayk Province, Aghveran (40°31'46,83" N; 44°33'47,09" E) suburbs, 55 km N from Yerevan, 2000 m, 5-14.07.2012. V.Hambartzumian (Ex coll. Korolev V.A., № P01567);

355. ♂, Republic Armenia, Kotayk Province, Aghveran (40°31'46,83" N; 44°33'47,09" E) suburbs, 55 km N from Yerevan, 2000 m, 5-14.07.2012. V.Hambartzumian (Ex coll. Korolev V.A., № P01566).

Parnassius (Parnassius) apollo meinhardi Sheljuzhko, 1924

Type locality: «Akmolinsk» (Petropavlovsk, North Kazakhstan, SW Siberia).

Russia, Kemerovo reg.

356. ♂, “Кемеровская обл., окр. г.Калтан, берег р. Кондомы, 29.06.-15.07.1997, Е.И.Маликова leg.”, [Kemerovo reg., loc. Kaltan city, Kondoma river, 29.06-15.07.1997, E.I.Malikova leg.] (Ex coll. V.A.Korolev, № P00145).

Russia, Omsk reg.

357. ♂, “Россия, Омская обл., Омский р-н, д.Давыдовка, 14.07.2007, С.А.Князев”, [Russia, Omsk reg., Omsk distr., Davydovka village, 14.07.2007, S.A.Knyazev leg.] (Ex coll. V.A.Korolev, № P00311);
358. ♂, “Россия, Омская обл., Омский р-н, д.Давыдовка, 14.07.2007, С.А.Князев”, [Russia, Omsk reg., Omsk distr., Davydovka village, 14.07.2007, S.A.Knyazev leg.] (Ex coll. V.A.Korolev, № P00312);
359. ♂, “Россия, Омская обл., Омский р-н, д.Давыдовка, 14.07.2007, С.А.Князев”, [Russia, Omsk reg., Omsk distr., Davydovka village, 14.07.2007, S.A.Knyazev leg.] (Ex coll. V.A.Korolev, № P00313).

***Parnassius (Parnassius) apollo transiliensis* Eisner, 1966**

Original description: *Parnassius apollo transiliensis*, Eisner, 1966, Zool. Meded. Leiden., 41:191, figs;

Type locality: “Alma-Ata (Wernyi),” (Transili Alatau, S.Kazakhstan).

Note: some authors considering this taxon as a synonym of *P.a. mongolicus* (see: Lukhtanov V., Lukhtanov A., 1994:39), or ssp. *merzbacheri* (see: Tuzov, 1993:13)

S.Kazakhstan, N.Tien-Shan, Transili Alatau Mts.

360. ♂, “Заилийский Алатау, долина р.Чилик, окр. п.Саты, оз.Кюльсай, 25.07.1991, Щаденков А.А.”, [Transili Alatau, Chilik river valley, loc. Saty village, Kulsai lake, 25.07.1991, Stshadenkov A.A. leg.] (Ex coll. V.A.Korolev, № P00152);
361. ♂, “Заилийский Алатау, долина р.Чилик, окр. п.Саты, оз.Кюльсай, 25.07.1991, Щаденков А.А.”, [Transili Alatau, Chilik river valley, loc. Saty village, Kulsai lake, 25.07.1991, Stshadenkov A.A. leg.] (Ex coll. V.A.Korolev, № P00153);
362. SE Kazakhstan, Almaty reg., Raiymbek distr., Kolsai Lake, N slope of Kungei Ala-Too. 5.07.2013. H= 2000 m. Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01776).

Kirghizia, N.Tien-Shan, Kungei Alatau Mts.



363. *Topotypus* ♂, “хр.Кунгей-Алатау, долина р.Чон-Аксу, д.Григорьевка, 2000 м., 2.07.1975, Самодуров Г.Д.”, [Kungei Alatau Mts., Chon-Aksu river valley, Grigor’evka village, 2000 m, 2.07.1975, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00154).

Kirghizia, N.Tien-Shan, Terskei Alatau Mts.

364. ♂, Kirghizstan, N.Tian-Shan, Terskei Alatau Mts., Altyn, Araschan, 1900 m, 10.07.2000. Bereznoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00869);
365. ♂, Kirghizstan, N.Tian-Shan, Terskei Alatau Mts., Altyn, Araschan, 1900 m, 10.07.2000. Bereznoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00870);
366. ♂, Kirghizstan, N.Tian-Shan, Terskei Alatau Mts., Altyn, Araschan, 1900 m, 10.07.2000. Bereznoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00871).

***Parnassius (Parnassius) apollo merzbacheri* Fruhstorfer, 1906**

Type locality: designated as «Tian-Shan»; Ili-Gebiet, Boro-Choro-Gebirge» (NE Tien-Shan, Dzhungaria).

Kazakhstan, Dzhungaria



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367. ♂, Kazakhstan, Dzhungarian Alatau Mt. R., Almaty Province, Panfilov district, 40 km N from Zharkent town, junction rivers Bolshoi and Sredniy Usek, 2000 m, 24-28.06.2012. S.Rybalkin. (Ex coll. Korolev V.A., № P01558);
368. ♂, SE Kazakhstan, Almaty reg., Kerbulak distr., 10 km NE Rudnichnyi sttl, Koksuv. Dzhungarskiy Alatau mt. rdg. 8.07.2013. H=1400 m. Leg. Samus A.N. (Ex coll. Korolev V.A., № P01777);
369. ♂, SE Kazakhstan, Almaty reg., Kerbulak distr., 10 km NE Rudnichnyi sttl, Koksuv. Dzhungarskiy Alatau mt. rdg. 8.07.2013. H=1400 m. Leg. Samus A.N. (Ex coll. Korolev V.A., № P01778);
370. ♂, SE Kazakhstan, Almaty reg., Kerbulak distr., 10 km NE Rudnichnyi sttl, Koksuv. Dzhungarskiy Alatau mt. rdg. 8.07.2013. H=1400 m. Leg. Samus A.N. (Ex coll. Korolev V.A., № P01779);
371. ♂, SE Kazakhstan, Almaty reg., Kerbulak distr., 10 km NE Rudnichnyi sttl, Koksuv. Dzhungarskiy Alatau mt. rdg. 8.07.2013. H=1400 m. Leg. Samus A.N. (Ex coll. Korolev V.A., № P01780);
372. ♀, SE Kazakhstan, Almaty reg., Kerbulak distr., 10 km NE Rudnichnyi sttl, Koksuv. Dzhungarskiy Alatau mt. rdg. 8.07.2013. H=1400 m. Leg. Samus A.N. (Ex coll. Korolev V.A., № P01781).

***Parnassius (Parnassius) apollo minerva* Bang-Haas, 1910**

Type locality: «Juldus» (E.Dzhungarian Tien-Shan)

SE Kazakhstan, Dzhungaria, Boro-Khoro Mts.

373. ♂, Dzhungaria, Boro-Khoro Mts., Tyshkana vic., 2100 m. 14.07.1990. I.G.Pljushtch leg. (Ex coll. Korolev V.A., № P01581);
374. ♂, Dzhungaria, Boro-Khoro Mts., Tyshkana vic., 2100 m. 14.07.1990. I.G.Pljushtch leg. (Ex coll. Korolev V.A., № P01582);
375. ♂, Dzhungaria, Boro-Khoro Mts., Tyshkana vic., 2100 m. 14.07.1990. I.G.Pljushtch leg. (Ex coll. Korolev V.A., № P01583).

Parnassius (Parnassius) apollo alpherakyi Krulikowsky, 1906

Type locality: Altai.

Russia, North Altai

376. ♂, Russia, S.Siberia, N. Altai Mts., Kosh-Agach distr., Chagan-Uzun v., 1300 m. 5.07.2011. / Ex coll. Korolev V.A., № P01961.

Parnassius (Parnassius) apollo regius Lukhtanov, 1997

Type locality: "Kasachstan, Altai, Ust-Kamenogorsk-Gebiet, Syrjanovsk, 450 m";

NE Kazakhstan, S.Altai, Narymsky Mt.

377. ♂, NE Kazakhstan, S.Altai Mts., Narymsky Mt. mg., Maiemer v., 700 m, 9.07.2013. / Ex coll. Korolev V.A., № P01951.

Parnassius (Parnassius) apollo burjaticus Nardelli & Hirschfeld, 1994

Type locality: "Südost-Rußland, Burjatia-Region, südliche Seite des Baikal-Sees, Khamar-Daban-Gebirge, 25 km nordwestl. von Ulan Ude".

Russia, Buryatiia

378. ♂, Russia. E. Siberia, Republic of Buryatia, near Ulan-Ude city, 20.06-5.07.2011. leg. Filippov A., Filippov E. / Ex coll. Korolev V.A., № P01958.

Parnassius (Parnassius) apollonius (Eversmann, 1847)

Original description: *Doritis apollonius* (Eversmann, 1847); Bull. Soc. Imp. Nat. Moscou 20 (3) : 71, pl. 3, f. 1-2

Parnassius (Parnassius) apollonius apollonius (Eversmann, 1847)

Type locality: "in Songariae montibus"; E.Kazakhstan.

E Kazakhstan, Zaisan Lake

379. ♂, E Kazakhstan, Zaisan Lake Area, 15 km E Karasu, N 47° 47'96", E 83°39'81", 600 m a.s.l., 26.05.2011. N.Rubin leg. (Ex coll. Korolev V., № P01794).

Parnassius (Parnassius) apollonius aphrodite Bryk et Eisner, 1934

Type locality: Ili river valley, SE Kazakhstan.

SE Kazakhstan, Transili Alatau Mts.

380. ♀, SE Kazakhstan, Transili Alatau Mt. Range, Ulken-Bugutty Mts., N 43° 31'40", E 79°01'40.2", 1400-1650 m a.s.l., 7-8.06.2011. N.Rubin & Yu. Sobolevskaya leg. (Ex coll. Korolev V., № P01795).

Parnassius (Parnassius) apollonius glaucopsis (Bryk et Eisner, 1934)

Type locality: "Belomurun, Karatau" (Syr-Dar'insky Karatau, Balamurun, S.-E. Kazakhstan).

Kazakhstan, Syr-Dar'insky Karatau

381. (Table III, 381) ♂, Ю.Казakhstan, хр. Сырдарьинский Каратау, окр. г.Кентау. 700 м., 10-20.05.1994. И.Плющ leg. [S.Kazakhstan, Syr-Dar'insky Karatau, Kentaу loc., 700 m, 10-20.05.1994. I. Pljushch leg., (Ex coll. Korolev V., № P01619);

382. ♂, Ю.Казakhstan, хр. Сырдарьинский Каратау, окр. г.Кентау. 700 м., 10-20.05.1994. И.Плющ leg. [S.Kazakhstan, Syr-Dar'insky Karatau, Kentaу loc., 700 m, 10-20.05.1994. I. Pljushch leg., (Ex coll. Korolev V., № P01620).

Uzbekistan, Ugamsky Mts.



383. ♂, "Угамский хр., окр. к.Пскем, 1600 м, 29.06.1989, Самодуров Г.Д.", [Ugamsky Mts., loc. Pskem village, 1600 m, 29.06.1989, Samodurov G.D. leg.] (Ex coll. V.A.Korolev, № P00284).

Parnassius (Parnassius) apollonius daubi (Fruhstorfer, 1903)

Type locality: "aus dem Serafschan Gebirge, südöstlich von Samarkand [...] am Sary Ob" (Zeravshan Mts., to south from Samarkand, Uzbekistan).

Synonyms: *horaki* Kreuzberg, 1989; *weneri* Weiss, 1990.

Uzbekistan, Turkestansky Mts.

384. ♂, "Туркестанский хр., кишл. Уснат, 1500 м., 26.06.1988, Чиколовец В.В.", [Turkestansky mts., Usnat village, 1500 m, 26.06.1988, Tchikolovets V.V. leg.] (Ex coll. V.A.Korolev, № P00285);

385. ♂, “Туркестанский хр., кишл. Усмаг, 1500 м., 26.06.1988, Чиколовец В.В.”, [Turkestansky mts., Usmat village, 1500 m, 26.06.1988, Tchikolovets V.V. leg.] (Ex coll. V.A.Korolev, № P00286).



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Parnassius (Parnassius) apollonius gloriosus (Fruhstorfer, 1904)

Type locality: "Alexander-Gebirge" (Kirghizsky Mts., Kirghizia)

Kirghizia, N.Tien-Shan, Kirghizsky Mts.

386. ♂, Kirgizstan, N. Kirgizski Mt. rng., Aksu river, 1800 m, 1.06.2004; (Ex coll. V.A.Korolev, № P00287).

Parnassius (Parnassius) apollonius poseidon (Bryk et Eisner, 1934)

Type locality: "Tashkent" (Uzbekistan).

Kirghizia, West Tien-Shan, Chatkal Mts.

387. ♂, Kirghizstan, **Chatkal** Mt. rng., Chanach river, 2500 m, 28.06.2003; (Ex coll. V.A.Korolev, № P00288).

Kirghizia, Talas Mts.

388. ♀, Kirghizia, хр. Таласский Алатау, п.Новониколаевка, 29.06.1993. С.Шлыков leg. [Kirghizia, Talassky Alatau Mts., Novonikolaevka village, 29.06.1993. S.Shlykov leg.] (Ex coll. Korolev V.A., № P01638);

389. (Table III, 389) ♀, Kirghizia, хр. Таласский Алатау, п.Новониколаевка, 29.06.1993. С.Шлыков leg. [Kirghizia, Talassky Alatau Mts., Novonikolaevka village, 29.06.1993. S.Shlykov leg.] (Ex coll. Korolev V.A., № P01639).

Parnassius (Parnassius) apollonius narynus Fruhstorfer, 1908

Type locality: "Naryn" (Naryntau Mts., Kirghizia).

Kirghizia, Inner Tien-Shan

390. ♂, Kirghizstan, [Inner Tien-Shan], Moldo-Too Mts., Kurtka canyon, 2300 m. 26.06.1996. I.G.Pljushch leg. (Ex coll. Korolev V.A., № P01578)
391. ♂, Kirghizstan, [Inner Tien-Shan], Moldo-Too Mts., Kurtka canyon, 2300 m. 26.06.1996. I.G.Pljushch leg. (Ex coll. Korolev V.A., № P01579)



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Kirghizia, Fergansy Mts.

392. ♂, “*P. apollonius narynus*”, Kirgizstan, Ferganskiy Mts., 1600 m, Kazarman town, 2-25.05.2008. (Ex coll. V.A.Korolev, № P01116);
393. ♀, “*P. apollonius narynus*”, Kirgizstan, Ferganskiy Mts., 1600 m, Kazarman town, 2-25.05.2008. (Ex coll. V.A.Korolev, № P01114).

Parnassius (Parnassius) bremeri Bremer, 1864

Original description: *Parnassius bremeri* Bremer, 1864; Mém. Acad. Sci. St. Pétersb. (7) 8 (1) : 6, pl. 1, f. 3, 4.

Parnassius (Parnassius) bremeri bremeri Bremer, 1864

Type locality: “muendung des Oldoi, an der Dseja und im Bureja-Gebirge”, (delta of Oldoy river, Zeya river on Bureinsky Mts., Amur reg., Russia).

Russia, Bureinsky Mts.

394. (Table III, 394) ♂, “[Хабаровский кр.], п.Облучье, 16.06.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluch’e village, 16.06.1995, Streltsov A.N. leg.] (Ex coll. V.A.Korolev, № P00289);
395. ♂, “[Хабаровский кр.], п.Облучье, 16.06.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluch’e village, 16.06.1995, Streltsov A.N. leg.] (Ex coll. V.A.Korolev, № P00290);
396. ♂, “[Хабаровский кр.], п.Облучье, 16.07.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluch’e village, 16.06.1995, Streltsov A.N. leg.] (Ex coll. V.A.Korolev, № P00291);
397. ♂, “Амурская обл., окр. п.Кундур, 17.06.1995, Стрельцов А.Н.”, [Amur reg., Kundur village, 17.06.1995, Strel’tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00293);

398. ♂, Amur reg., Kundur vil. vic., 10.06.1999, A.N.Streltsov leg. (Ex coll. V.A.Korolev, № P00294).
399. (Table III, 399) ♀, “[Хабаровский кр.], п.Облучье, 16.06.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluch'e village, 16.06.1995, Streltsov A.N. leg.] (Ex coll. V.A.Korolev, № P00295);
400. ♀, “Амурская обл., окр. п.Кундур, 17.06.1995, Стрельцов А.Н.”, [Amur reg., Kundur village, 17.06.1995, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00292).
401. ♀, Россия, Амурская обл., хр. Малый Хинган, 1.07.1991. В.Д.Небайкин leg. [Russia, Amur reg., Maly Khingsn Mts., 1.07.1991, V.D.Nebaikin leg.] (Ex coll. Korolev V.A., № P01602).



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Parnassius (Parnassius) bremeri orotschonica O.Bang-Haas, 1927

Type locality: "Küstenprovinz: Sichotin Alin mont., Ternei und Tjutiho" (Sikhote-Alin Mts., Terney and Tetukhe, Russia).

Russia, Primorie, Sikhote-Alin Mts.

402. *Topotypus* ♂, “Приморье, Сихоте-Алинь, окр. Дальнегорска (Тетюхе). 16-20.07.2011. leg. Березной Ю.И.”, [Primorie, Sikhote-Alin Mts., loc. Dalnegorsk (Tetukhe). 16-20.07.2011, leg. Bereznoi Yu.I.] (Ex coll. V.A.Korolev, № P01054);
403. ♂, “Приморье, окр. Партизанска, 21.06.1992, Стрельцов А.Н.”, [Primorie, loc. Partizansk, 21.06.1992, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00296);
404. ♂, “Приморье, хр. Сихоте-Алинь, п.Ольга, 25.06.1984, Евсеев А.Г.”, [Primorie, Sikhote-Alin Mts., Olga village, 25.06.1984, Evseev A.G. leg.] (Ex coll. V.A.Korolev, № P00298);
405. ♂, “Приморье, окр. Партизанска, 28.06.1998, coll. Streltsov / Стрельцов А.Н.”, [Primorie, loc. Partizansk, 28.06.1998, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00297);
406. *Topotypus* ♀, “Приморье, Сихоте-Алинь, окр. Дальнегорска (Тетюхе). 16-20.07.2011. leg. Березной Ю.И.”, [Primorie, Sikhote-Alin Mts., loc. Dalnegorsk (Tetukhe). 16-20.07.2011, leg. Bereznoi Yu.I.] (Ex coll. V.A.Korolev, № P01055).

Parnassius (Parnassius) bremeri conjuncta Staudinger, 1901

Type locality: ("[Terra] Uss.[urienses] (Sutschan).") (Ussuri terr., South Primorie, Suchan, Partizansk, Russia).

Russia, South Primorie

407. ♂, "Ю.Приморье, Пограничный р-н, с.Барабаш-Левада, 3.07.1994, Николаевский Л.А.", [South Primorie, Pogranichny distr., Barabash-Levada village, 3.07.1994, Nikolaevsky L.A. leg.] (Ex coll. V.A.Korolev, № P00299);
408. ♂, "Ю.Приморье, Пограничный р-н, с.Барабаш-Левада, 3.07.1994, Николаевский Л.А.", [South Primorie, Pogranichny distr., Barabash-Levada village, 3.07.1994, Nikolaevsky L.A. leg.] (Ex coll. V.A.Korolev, № P00300);
409. ♂, "Уссурийский край, с.Барабаш-Левада, 1.07.1995, Стрельцов А.Н.", [Ussuri Terr., Barabash-Levada village, 1.07.1995, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00301).

Parnassius (Parnassius) bremeri graeseri Honrath, 1885

Type locality: "bei Pochrofka im Apfelgebirge (Jablotschnoi Gorja), Gouvernement Transbaikalien, zwischen dem Baikalsee und den Wasserläufen nach dem Amur gelegen, in einer Höhe von circa 1600 Metern" (Pokrovka village, Yablonovyi Mts., Chita reg., Russia).

Synonyms: = *jaetensis* Bang-Haas, 1927 (TL: "Transbaical mer.: Südabhang des Jablonoji (= Apfel) Gebirges, an der mongolischen Grenze, Flußtal des Tschikoi, östl. Kjachta").

Russia, Transbaikalia

410. *Topotypus* ♂. "Читинская обл., Покровка, 18.06.1994, coll. Streltsov/ Стрельцов А.Н.", [Chita reg., Pokrovka, 18.06.1994, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00302);



411. *Topotypus* ♀. "Читинская обл., Покровка, 19.06.1994, coll. Streltsov/ Стрельцов А.Н.", [Chita reg., Pokrovka, 18.06.1994, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00303).

Parnassius (Parnassius) amgunensis (Sheljuzhko, 1928)

Original description: *Parnassius bremeri* (ssp.) *amgunensis* Sheljuzhko, 1928. Mitt. Münch. Ent. Ges., 18:1.

Note: independence of this taxon is confirmed by observations of life for this butterfly A.Streltsov and E.Novomodnyi (see: Korshunov, 2002:190-191).

Parnassius (Parnassius) amgunensis amgunensis (Sheljuzhko, 1928)

Type locality: "bei den Goldgruben am Flusse Amgunj (Zufluss vom Amur), in einer Entfernung von ca. 200 Werst von Nikolajevsk (an der Amurmündung)" (Amgun river valley, Russia).



412. ♂, “Хабаровский край, 40 км. к С.-В. от г.Комсомольска, г.Чоккеты, h-600 м, 13.07.1991, coll. Yu.N.Glushchenko”, [Khabarovsk terr., 40 km NE from Komsomolsk city, Chokety Mt., h=600 m, 13.07.1991, coll. Yu.N.Glushchenko] (Ex coll. V.A.Korolev, № P00334);
413. ♂, “Хабаровский край, 40 км. к С.-В. от г.Комсомольска, г.Чоккеты, h-600 м, 13.07.1991, coll. Yu.N.Glushchenko”, [Khabarovsk terr., 40 km NE from Komsomolsk city, Chokety Mt., h=600 m, 13.07.1991, coll. Yu.N.Glushchenko] (Ex coll. V.A.Korolev, № P00335).

Parnassius (Parnassius) epaphus Oberthür, 1879

Original description: *Parnassius epaphus* Oberthür, 1879; Étud. d'Ent. 4 : 23

Parnassius (Parnassius) epaphus sikkimensis (Elwes, 1882)

Type locality: “Sikkim” (NE India).

Nepal, Himalaya



414. ♂, E. Nepal, Kanchrunganga, h=4000 m, 8.07.2000; (Ex coll. V.A.Korolev, № P00381).

Parnassius (Parnassius) epaphus nanshanicus (Austaut, 1889)

Type locality: «Nanshan, Nordost-Tibet» (China, Nanshan Mts., N-E Tibet).

415. (Table III, 415) ♂, China, Qinghai Pingan, h=4700 m, 20-28.06.2005. / Ex coll. V.A.Korolev, № P00380.

Parnassius (Parnassius) epaphus poeta Oberthür, 1892

Type locality: "Tatsenlu", China.

China, Sichuan prov.



416. ♂, China, Sichuan, Kanding distr., Xinduchuo, 4100 m, 15.07.2013. / Ex coll. Korolev V.A., № P01948.

Parnassius (Parnassius) epaphus hasegawai Sugisawa, 1991

Type locality: Nanshan, China.

China, Nanshan Mts.

417. (Table III, 417) ♂, China, Qinghai, Ota [Nanshan Mts.]; 15.07.2012. 4500 m. (Ex coll. Korolev V.A., № P01706).

Parnassius (Parnassius) honrathi Staudinger, 1882

Original description: *Parnassius honrathi* Staudinger, 1882; in Staudinger & Bang-Haas, Berl. ent. Z. 26 (1) : 161, pl. 1, f. 4-5,

Parnassius (Parnassius) honrathi alburnus (Stichel, 1907)

Type locality: "Pamir" (Pamir).

Tadzhikistan, West Pamir

418. (Table III, 418) ♂, "Западный Памир, Рушанский хр., 2200 м, окр. г.Хорог, ботанический сад, 27.05.1987, Кадамшоев", [West Pamir, Rushan Mts., 2200 m, loc. Horog city, botan. garden, 27.05.1987, Kadamshoev leg.] (Ex coll. V.A.Korolev, № P00383).

Parnassius (Parnassius) honrathi kondarensis J.J. Shchetkin, 1988

Type locality: Gissar Mts., Kondara canyon, Tadzhikistan.

Synonyms: *chaiticus* J.L. et J.J. Shchetkin, 1989.

Tadzhikistan, Gissar Mts.



419. ♂, «*P. honrathi kandarensis*», C.Gissar Mts., Hadzhiobigarm vil., 40 km SW from Anzob-pass, 2300 m, 7-15.06.2007. Ex coll. Korolev V.A (Ex coll. V.A.Korolev, № P01115).

***Parnassius (Parnassius) jacquemontii* Boisduval, 1836**

Original description: *Parnassius jacquemontii* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1 : 400.

***Parnassius (Parnassius) jacquemontii variabilis* Stichel, 1906**

Type locality: “Ost-Fergana; Alp. d. Osch”

Tadzhikistan, Zeravshan Mts., Fanskie Mt.

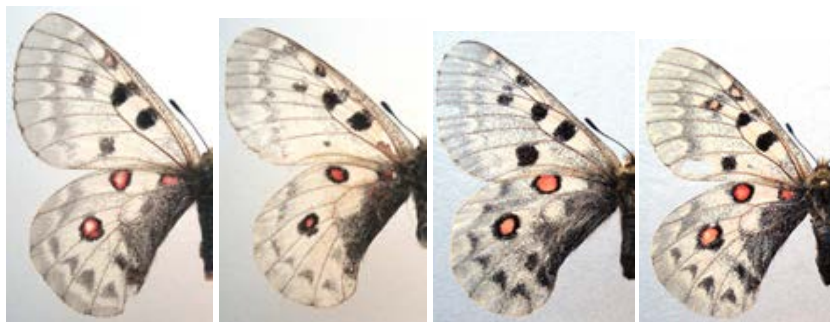
420. ♂, “Зеравшанский хр., Фанские горы, сай Имат, 3500 м., 18-19.08.1989, Резниченко А.П.”, [Zeravshan Mts., Fanskie Gory, Imat say, 3500 m, 18-19.08.1989, Reznichenko A.P. leg.] (Ex coll. V.A.Korolev, № P00449);
421. (Table III, 421) ♀, “Зеравшанский хр., Фанские горы, сай Имат, 3500 м., 18-19.08.1989, Резниченко А.П.”, [Zeravshan Mts., Fanskie Gory, Imat say, 3500 m, 18-19.08.1989, Reznichenko A.P. leg.] (Ex coll. V.A.Korolev, № P00451);
422. ♀, “Зеравшанский хр., Фанские горы, сай Имат, 3500 м., 18-19.08.1989, Резниченко А.П.”, [Zeravshan Mts., Fanskie Gory, Imat say, 3500 m, 18-19.08.1989, Reznichenko A.P. leg.] (Ex coll. V.A.Korolev, № P00450);
423. ♀, “Зеравшанский хр., Фанские горы, сай Имат, 3500 м., 18-19.08.1989, Резниченко А.П.”, [Zeravshan Mts., Fanskie Gory, Imat say, 3500 m, 18-19.08.1989, Reznichenko A.P. leg.] (Ex coll. V.A.Korolev, № P00452);
424. ♀, “Зеравшанский хр., Фанские горы, сай Имат, 3500 м., 18-19.08.1989, Резниченко А.П.”, [Zeravshan Mts., Fanskie Gory, Imat say, 3500 m, 18-19.08.1989, Reznichenko A.P. leg.] (Ex coll. V.A.Korolev, № P00453).

***Parnassius (Parnassius) jacquemontii rubicundus* Stichel, 1906**

Type locality: “Pamir, Fergana”

Kirghizia, Transalai Mts.

425. ♀, “Заалайский хреб., [восток] уроч. Арам-Кунгей, 4000 м., 19.07.1992, Чиколовец В.В.”, [Transalai Mts. (est), Aram-Kungey, 4000 m, 19.07.1992, Tchikolovets V.V. leg.] (Ex coll. V.A.Korolev, № P00454).



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Parnassius (Parnassius) jacquemontii pamirus O.Bang-Haas, 1927

Type locality: “Turkestan”.

Synonyms: *pamira* Bang-Haas, 1927.

Tadzhikistan, West Pamir

426. ♂, “*P. jacquemonti pamira* ♂ / Памир, Джеланды, 4200 м 16.07.1990, leg. Гундоров С.Б. & Гуляев В.С.”, [Pamir, Dzhelandy, 4200 m, 16.07.1990, leg. Gundorov S.B. & Gulyaev V.S. leg.] (Ex coll. V.A.Korolev, № P01068);
427. ♀, E. Tadzhikistan. W.Pamir. Vanch Mt. Range, Vanch district, above Gishkhan vill., 4000 m, 23-28.07.2010. O.Pak & E.Ivanova lg. (Ex coll. Korolev V.A., № P01573);
428. ♀, E. Tadzhikistan. W.Pamir. Vanch Mt. Range, Vanch district, above Gishkhan vill., 4000 m, 23-28.07.2010. O.Pak & E.Ivanova lg. (Ex coll. Korolev V.A., № P01599).

Afghanistan

429. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01584);
430. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01585);
431. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01590);
432. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01591);
433. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01592);
434. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01593);

435. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01594);
436. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01595);
437. ♂, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01596);
438. ♀, NE Afghanistan, Badakhshan, Lal Mts., Shiva Lake, 3800-3900 m. 22-25.07.2011. O. Pak leg. (Ex coll. Korolev V.A., № P01597).

Parnassius (Parnassius) jacquemontii peter Bryk & Eisner, 1935

Type locality: Peter I Mt.;

Tadzhikistan, Peter I Mts.



439. ♂, Tajikistan, Peter I Mt. rng., 10 km S Tajikabad, Fanishob v., 2100 m, 18.06.2003. / Ex coll. Korolev V.A., № P01940.

Parnassius (Parnassius) nomion Fischer De Waldheim, 1823

Original description: *Parnassius nomion* Fischer de Waldheim, 1823; Entom. Imp. ross., 2: 242.

Parnassius (Parnassius) nomion nomion (Fischer De Waldheim, 1823)

Type locality: "Dauria".

Russia, Buryatia, East Sayan Mts.

440. (Table III, 440) ♂, "Бурятия, Вост. Саян, Тункинские Гольцы, с.Монды, 1600 м., 15.07.1993, Махат В.Г.", [Buryatia, East Sayan Mts., Tunkinskie Goltsy, Mondy village., 1600 m, 15.07.1993, Mahat V.G. leg.] (Ex coll. V.A.Korolev, № P00438);
441. ♂, "Бурятия, Вост. Саян, Тункинские Гольцы, с.Монды, 1600 м., 15.07.1993, Махат В.Г.", [Buryatia, East Sayan Mts., Tunkinskie Goltsy, Mondy village., 1600 m, 15.07.1993, Mahat V.G. leg.] (Ex coll. V.A.Korolev, № P00439).

Parnassius (Parnassius) nomion nominulus Staudinger, 1895

Type locality: "Sajangebirge" (Sajan Mts.).

Russia, Pribaikal'ie

442. ♂, E. Russia, Baikal Lake, Kultuk vil. env., Southern slopes. 19.07.2003. Leg. Shevnin Yury (Ex coll. V.A.Korolev, № P01080).

Parnassius (Parnassius) nomion mandshuriae (Oberthur, 1891)

Type locality: "Mandschuria".

Russia, Primor'ie

443. ♂, Russia, Far East, South Primorye, Lazovsky Nature Reserve, 20.07.2004. Bereznoi Yu.I. leg. (Ex coll. V.A.Korolev, № P00739);

444. ♂, "Приморье, Сихоте-Алинь, окр. Дальнегорска (Тетюхе). 16-20.07.2011. leg. Бережной Ю.И.", [Primor'ie, Sikhote-Alin, loc. Dalnegorsk (Tetukhe). 16-20.07.2011, leg. Bereznoi Yu.I.] (Ex coll. V.A.Korolev, № P01057).



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Parnassius (Parnassius) nomion anna Bryk, 1914

Type locality: "Mongolei (Chingau Mont.)."

North-East China

445. ♀, NE China, Heilutzyan, VII.2003; (Ex coll. V.A.Korolev, № P00440).

Russia, Chita reg.

446. ♂, Россия, Читинская обл., окр. п. Бургень, 28.07.1997. М.И.Головешкин leg. [Russia, Chita reg., Burgen vil. Vic., 28.07.1997, M.I.Golovushkin leg.] (Ex coll. Korolev V.A., № P01600)

447. ♂, Россия, Читинская обл., окр. п. Бургень, 28.07.1997. М.И.Головешкин leg. [Russia, Chita reg., Burgen vil. Vic., 28.07.1997, M.I.Golovushkin leg.] (Ex coll. Korolev V.A., № P01601);

Parnassius (Parnassius) nomion shansiensis Eisner, 1955

Type locality: China, Shan-Xi Prov.

China, Shan-Xi prov.

448. ♂, China, Shan-Xi Prov., Tai Hang Shan, 15.08.2012. Ex coll. Korolev V.A., № P01846;
449. ♂, China, Shan-Xi Prov., Tai Hang Shan, 15.08.2012. Ex coll. Korolev V.A., № P01847;

Parnassius (Parnassius) nomion koiwayai Ohya & Inomata, 1988

Type locality: China,

China, Qinghai prov.



450. ♂, China, Qinghai, Qaidam, 3500 m. 20.07.2010. Ex coll. Korolev V.A. № P01918;

Parnassius (Parnassius) nomion korshunovi Kreuzberg et Pljustsh, 1992

Type locality: Altai.

Kazakhstan, Southern Altai

451. ♂, “Южный Алтай, Рахмановские Ключи, р. Черная Берель, 2400 м., 10.08.1990, Резниченко А.П.”, [Southern Altai, Rahmanovskie Kluchi, Black Berel river, 2400 m, 10.08.1990, Reznichenko A.P. leg.]. (Ex coll. V.A.Korolev, № P00441)
452. (Table III, 452) ♀, “Южный Алтай, Рахмановские Ключи, р. Черная Берель, 2400 м., 10.08.1990, Резниченко А.П.”, [Southern Altai, Rahmanovskie Kluchi, Black Berel river, 2400 m, 10.08.1990, Reznichenko A.P. leg.]. (Ex coll. V.A.Korolev, № P00442)

Parnassius (Parnassius) nomion aurora O.Bang-Haas, 1933

Type locality: “Transbaikalia”.

Russia, Amur reg.

453. ♂, “Амурская обл., окр. п.Ядрино, 28.07.1995, Стрельцов А.Н.”, [Amur reg., loc. Yadrino village, 28.07.1995, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00443);
454. ♂, “Амурская область, Свободненский р-н, с.Малая Сазанка, 16-20.07.1996, Стрельцов А.Н.”, [Amur reg., Svobodnensky distr., Malaya Sazanka village, 16-20.07.1996, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00444);
455. ♂, “Амурская область, Свободненский р-н, с.Малая Сазанка, 16-20.07.1996, Стрельцов А.Н.”, [Amur reg., Svobodnensky distr., Malaya Sazanka village, 16-20.07.1996, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00445).

Russia, Khabarovsk terr.

456. ♂, “Хабаровский кр., п.Облучье, 22.07.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluch'ie village, 22.07.1995, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00446);
457. ♂, “Хабаровский кр., п.Облучье, 15.07.1995, Стрельцов А.Н.”, [Khabarovsk terr., Obluch'ie village, 22.07.1995, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00447);
458. ♀, “[Хабаровский кр.], 9 км СЗ п.Облучье, 19.07.1993, Стрельцов А.Н.”, [Khabarovsk terr., 9 km NE from Obluch'ie village, 19.07.1993, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00448).

Parnassius (Parnassius) phoebus (Fabricius, 1793)

Original description: *Papilio phoebus* Fabricius, 1793; Ent. Syst. 3 (1): 181.

Note: previously butterflies, that live in different regions of the Alps, has been attributed as *phoebus*; but later they began to devote a separate species - *sacerdos* Stichel, 1906 (see below). Last name proposed as a substitute for a taxon *delius* Esper, 1800 (TM: Alps near Geneva), which is not valid because is the junior homonym *Papilio delius* Drury, 1782.

Parnassius (Parnassius) phoebus phoebus (Fabricius, 1793)

Type locality: «Siberia», type unknown; according neotype in zoological museum of Berlin TL is: – «Altai, Ongudai», (Kuraiskiy Mts., Russia) (Bryk, 1935: 219; Коршунов, 2002:191).

Synonyms: *altaica* Menetries, 1859; *alpestris* Verity, 1911; *melanica* Verity, [1911]; *leucostigma* Austaut, 1912; *punctatus* Bryk, 1912; *reciprocus* Bryk, 1913; *halasicus* Huang & Murayama, 1992.

Russia, Northern Altai

459. (Table III, 459) ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00803);
460. ♂, “СЗ Алтай, р.Сема, п.Черга, 3.08.1994, Стрельцов А.Н. / Алтай, Черга, 3.VIII.94, coll. Streltsov”, [NW Altai, Semga river, Cherga village, 3.08.1994, Strel'tsov A.N. leg.] (Ex coll. V.A.Korolev, № P00329);
461. ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00804);
462. ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00805);
463. ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00806);
464. ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00807);
465. ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00808);
466. ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00809);

467. ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00810);
468. ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00811);
469. ♂, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00812);
470. ♀, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00813);
471. (Table III, 471) ♀, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00814);
472. ♀, “Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И.”, [Altai, Kuraiskiy Mts., Aktash village, 1500 m, 14-21.06.2008, Berezhnoi Yu.I. leg.] (Ex coll. V.A.Korolev, № P00815).



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Parnassius (Parnassius) phoebus uralensis Menetries, 1859

Type locality: Northern Ural, Russia.

Russia, Polar Ural

473. ♂, Russia, Polar Ural, Sob' river, “141 km” railway sttion of route “Vorkuta-Labytnangi”. 18.07.2006 (Ex coll. V.A.Korolev, № P00872).

Parnassius (Parnassius) phoebus corybas (Fisher von Waldheim, 1824)

Type locality: «Камтсчатка», (Russia, Kamchatka peninsula).

Russia, Magadan reg.

474. ♂, “Магаданская обл., п.Карамкен, 1000 м, 15.07.1993, Бабакин А.П.”, [Magadan reg., Karamken village, 1000 m, 15.07.1993, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00336);
475. ♂, “Магаданская обл., окр. п.Карамкен, 8.07.1994, Бабакин А.П.”, [Magadan reg., Karamken village, 8.07.1994, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00337);
476. ♂, “Магаданская обл., окр. п.Карамкен, 8.07.1994, Бабакин А.П.”, [Magadan reg., Karamken village, 8.07.1994, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00338);
477. ♂, “Магаданская обл., окр. п.Карамкен, 8.07.1994, Бабакин А.П.”, [Magadan reg., Karamken village, 8.07.1994, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00339);
478. ♂, “Магаданская обл., окр. п.Карамкен, 8.07.1994, Бабакин А.П.”, [Magadan reg., Karamken village, 8.07.1994, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00340);
479. ♂, “Магаданская обл., Хасынский район, п.Карамкен, 10.07.1994, Бабакина О.А.”, [Magadan reg., Khasyn distr., Karamken village, 10.07.1994, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00341);
480. ♂, “Магаданская обл., Хасынский район, п.Карамкен, 10.07.1994, Бабакина О.А.”, [Magadan reg., Khasyn distr., Karamken village, 10.07.1994, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00342);
481. ♂, “Магаданская обл., Хасынский район, п.Карамкен, 19.07.1994, Бабакина О.А.”, [Magadan reg., Khasyn distr., Karamken village, 10.07.1994, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00343);
482. ♂, “Магаданская обл., окр. п.Карамкен, 30.06.1996, Бабакин А.П.”, [Magadan reg., Karamken village, 30.06.1996, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00344);
483. ♂, “Магаданская обл., окр. п.Карамкен, 30.06.1996, Бабакин А.П.”, [Magadan reg., Karamken village, 30.06.1996, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00345);
484. ♂, “Магаданская обл., окр. п.Карамкен, 30.06.1996, Бабакин А.П.”, [Magadan reg., Karamken village, 30.06.1996, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00346);
485. ♂, “Магаданская обл., окр. п.Карамкен, 30.06.1996, Бабакин А.П.”, [Magadan reg., Karamken village, 30.06.1996, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00347);
486. ♂, “Магаданская обл., окр. п.Карамкен, 30.06.1996, Бабакин А.П.”, [Magadan reg., Karamken village, 30.06.1996, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00348);
487. ♂, “Магаданская обл., окр. п.Карамкен, 30.06.1996, Бабакин А.П.”, [Magadan reg., Karamken village, 30.06.1996, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00349);
488. ♂, “Магаданская обл., окр. п.Карамкен, 30.06.1996, Бабакин А.П.”, [Magadan reg., Karamken village, 30.06.1996, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00350);
489. ♂, “Магаданская обл., п.Карамкен, 4.07.1996, Бабакина [О.А.]”, [Magadan reg., Karamken village, 4.07.1996, Babakina [O.A.] leg.] (Ex coll. V.A.Korolev, № P00351);
490. ♂, “Магаданская обл., п.Карамкен, 4.07.1996, Бабакина [О.А.]”, [Magadan reg., Karamken village, 4.07.1996, Babakina [O.A.] leg.] (Ex coll. V.A.Korolev, № P00352);
491. ♂, “Магаданская обл., п.Карамкен, 4.07.1996, Бабакина [О.А.]”, [Magadan reg., Karamken village, 4.07.1996, Babakina [O.A.] leg.] (Ex coll. V.A.Korolev, № P00353);
492. ♂, “Магаданская обл., окр. п.Карамкен, 30.06.1997, Бабакина О.А.”, [Magadan reg., Karamken village, 30.06.1997, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00354);
493. ♂, “Магаданская обл., окр. п.Карамкен, 30.06.1997, Бабакина О.А.”, [Magadan reg., Karamken village, 30.06.1997, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00355);
494. ♂, “Магаданская обл., окр. п.Карамкен, 30.06.1997, Бабакина О.А.”, [Magadan reg., Karamken village, 30.06.1997, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00356);
495. ♂, “Магаданская обл., п.Карамкен, 3-7.07.1997, Бабакина О.А.”, [Magadan reg., Karamken village, 3-7.07.1997, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00357);

496. ♂, “Магаданская обл., п.Карамкен, 3-7.07.1997, Бабакина О.А.”, [Magadan reg., Karamken village, 3-7.07.1997, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00358);
497. ♂, “Магаданская обл., п.Карамкен, 9-15.07.1997, Бабакина О.А.”, [Magadan reg., Karamken village, 9-15.07.1997, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00359);
498. ♂, “Магаданская обл., п.Карамкен, 9-15.07.1997, Бабакина О.А.”, [Magadan reg., Karamken village, 9-15.07.1997, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00360);
499. ♂, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 15.07.1997, на ягеле, Бабакина О.А.”, [Magadan reg., Ola village, Khasyn river, 1300 m, 15.07.1997, on reindeer moss, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00361);
500. ♂, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 15.07.1997, на ягеле, Бабакина О.А.”, [Magadan reg., Ola village, Khasyn river, 1300 m, 15.07.1997, on reindeer moss, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00362);
501. ♀, “Магаданская обл., окр. п.Карамкен, 8.07.1994, 1000 м, Бабакин А.П.”, [Magadan reg., Karamken village, 8.07.1994, Babakin A.P. leg.] (Ex coll. V.A.Korolev, № P00363);
502. ♀, “Магаданская обл., Хасынский район, п.Карамкен, 10.07.1994, Бабакина О.А.”, [Magadan reg., Karamken village, 10.07.1994, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00364);
503. ♀, “Магаданская обл., п.Карамкен, 3-7.07.1997, Бабакина О.А.”, [Magadan reg., Karamken village, 3-7.07.1997, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00365);
504. ♀, “Магаданская обл., п.Карамкен, 3-7.07.1997, Бабакина О.А.”, [Magadan reg., Karamken village, 3-7.07.1997, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00366);
505. ♀, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 15.07.1997, на ягеле, Бабакина О.А.”, [Magadan reg., Ola village, Khasyn river, 1300 m, 15.07.1997, on reindeer moss, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00367);
506. ♀, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 15.07.1997, на ягеле, Бабакина О.А.”, [Magadan reg., Ola village, Khasyn river, 1300 m, 15.07.1997, on reindeer moss, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00368);
507. ♀, “Магаданская обл., п.Ола, р.Хасын, 1300 м, 15.07.1997, на ягеле, Бабакина О.А.”, [Magadan reg., Ola village, Khasyn river, 1300 m, 15.07.1997, on reindeer moss, Babakina O.A. leg.] (Ex coll. V.A.Korolev, № P00369).

Parnassius (Parnassius) phoebus intermedius (Menetries, 1851)

Type locality: Tarbagatai and Saur, Kazakhstan.

Synonyms: *sauricus* Lukhtanov, 1999 (TL: Kazakhstan, Ust-Kamenogorsk, Saur, Kyzylkiya, 2900 m).

S. Altai, Narymskiy Mts.

508. ♂, Ю.Алтай, Нарымский хр., Новоберёзовка, 2500 м, 30.06.1986. Ex coll. Korolev V.A. [S. Altai, Narymskiy Mts., Novoberezovka vil., 2500 m, 30.06.1986.] (Ex coll. Korolev V.A., № P01604);
509. ♀, Ю.Алтай, Нарымский хр., Новоберёзовка, 2500 м, 30.06.1986. Ex coll. Korolev V.A. [S. Altai, Narymskiy Mts., Novoberezovka vil., 2500 m, 30.06.1986.] (Ex coll. Korolev V.A., № P01605).

Kazakhstan, SW Altai

510. ♀, “Южный Алтай, Рахмановские Ключи, р.Черная Берель, 2400 м, 10.08.1990, Резниченко А.П.”, [Southern Altai, Rahmanovskie Kluchi, Black Berel river, 2400 m, 10.08.1990, Reznichenko A.P. leg.] (Ex coll. V.A.Korolev, № P00331);



511. ♀, “Южный Алтай, Рахмановские Ключи, р.Черная Берель, 2400 м, 10.08.1990, Резниченко А.П.”, [Southern Altai, Rahmanovskie Kluchi, Black Berel river, 2400 m, 10.08.1990, Reznichenko A.P. leg.] (Ex coll. V.A.Korolev, № P00330).

Parnassius (Parnassius) phoebus sedakovi ([Menetries] in Siemaschko, [1850])

Type locality: Irkutsk, Russia.

Synonyms: *amalthea* Bryk & Eisner, 1935 (TL: Mondy, Buryatia, Russia).

Russia, Buryatia



512. ♂, “Бурятия, В.Саян, Тункинские Гольцы, с.Монды, 2100 м, 10.07.1993, Махат В.Г.”, [Buryatia, E.Sayan Mts., Tunkinskie Goltsy, Mondy village, 2100 m, 10.07.1993, Mahat V.G. leg.] (Ex coll. V.A.Korolev, № P00332) (*topotypus* of *amalthea* Bryk & Eisner, 1935);
513. ♂, “Бурятия, В.Саян, Тункинские Гольцы, с.Монды, 1800 м, 15.07.1993, Махат В.Г.”, [Buryatia, E.Sayan Mts., Tunkinskie Goltsy, Mondy village, 1800 m, 15.07.1993, Mahat V.G. leg.] (Ex coll. V.A.Korolev, № P00333) (*topotypus* of *amalthea* Bryk & Eisner, 1935).

Parnassius (Parnassius) phoebus chingizid Yakovlev, 2006

Type locality: W Mongolia, Bayan-Ulegei aimak, middle stream of Elt-Gol river (Kara-Irtys basin), 2100-2300 m;

W.Mongolia



514. ♂, W.Mongolia, Bayan-Olgii Aimak, Tsengel Sum (District), Yelt-Gol River (top stream), 2000 m, 48°05'N; 89°10' E, 5-7.07.2005. Doroshkin V.V. (Ex coll. Korolev V.A., № P01555).

Parnassius (Parnassius) sacerdos Stichel, 1906

Original description: *Parnassius phoebus sacerdos* Stichel, 1906.

Note: taxon was originally designated as a subspecies *phoebus* Fabricius, 1793; but recently considered by several authors (see, for example, Häuser (1993: 138); Shepard & Manley (1998: 718), Hirschfeld & Schöffler (2004: 1), etc.) as a separate species (see note at *Parnassius phoebus* Fabricius, 1793). In accordance with this, all previously allocated alpine subspecies *phoebus* now regarded as subspecies of *sacerdos* Stichel, 1906.

Parnassius (Parnassius) sacerdos tessinorum Fruhstorfer, 1921

Type locality: "Tessiner Alpen der Verzasca-Gruppe. Cima di Cagnone aus 2000-2400 m [...] Cima Bianca, ca. 1800-2000 m; ... Oberes Val Lodrino, zwischen der Alpe Piavacra und Stuvello, ca. 1800 m. [...] zu beiden Seiten des Cagnonepasses und zwar am Nordwesthang der Cima die Cagnone am Laghetto d'Efra, ca. 1900 m im obersten Val Verzasca"; (Tessin, Switzerland).

Switzerland, Alps

515. (Table III, 515) ♂, Svizzera, Ticino, Fusio, 1200-1400 m, 23.07.2011. Giuseppe Vignari leg. (Ex coll. V.A.Korolev, № P01444);
516. ♂, Svizzera, Ticino, Fusio, 1200-1400 m, 23.07.2011. Giuseppe Vignari leg. (Ex coll. V.A.Korolev, № P01445).

Parnassius (Parnassius) smintheus Doubleday, [1847]

Original description: *Parnassius smintheus* Doubleday, [1847]; *In:* Gen. diurn. Lepid. (1)(3): 26; 27, no. 8, pl. 4*, fig. 4 ♂ D.

Parnassius (Parnassius) smintheus smintheus Doubleday, [1847]

Type locality: «Rocky Mountains», Canada; clarified: “vicinity of Rock Lake, [near Jasper] Alberta (53°27'N, 118.°16'W)” (Shepard J., 1984, Quaest. Entomol. 20(1): 40-41).

Canada, Alberta, Rocky Mts.

517. ♂, Canada, Alberta, Halestone Battl., 28.07.2000. Fernando A.E. leg. (Ex coll. V.A.Korolev, № P01135);
518. (Table III, 518) ♂, Canada, Alberta, Halestone Battl., 28.07.2000. Fernando A.E. leg. (Ex coll. V.A.Korolev, № P01136);



519. *Topotypus* ♂, Canada, Alberta, Rocky Mts., Plateau Mountain, 6500 ft., 2.08.2009. Fernando A.E. leg. (Ex coll. V.A.Korolev, № P01137).

***Parnassius (Parnassius) smintheus sayii* Edwards, 1863**

Type locality: “Pikes Peak”; corrected TL: “gold region west of Denver” according F. Brown, 1975, Trans. Am. Entomol. Soc. 101(1): 6; neotypus from “Running Creek Field Sta., 6950', Elbert Co., Colo., T9S R65W, SW ¼ 25", USA.

Synonyms: *hermodur* Hy. Edwards, 1881; *polus* Ehrmann, 1917; *utahensis* Rothschild, 1918; *montanus* Ehrmann, 1918; *catullius* Fruhstorfer, 1923; *aristion* Fruhstorfer, 1923; *sordellus* Fruhstorfer, 1923; *hollandi* Bryk & Eisner, 1935; *dakotaensis* Bryk & Eisner, 1935; *rotgeri* O. Bang-Haas, 1938 (see: Warren, A.D. et al., 2012).

USA, Utah

520. ♂, «*Parnassius phoebus sayi* f. *hermodor* ♂» / USA, Utah, Duchesne Co, Wigman Lake, 11000 ft. 6-12.07.1990. Leg. K.Thorne (Ex coll. V.A.Korolev, № P01171).

***Parnassius (Parnassius) smintheus rubina* Wyatt, 1961**

Type locality: "Liberty Peak, 3.120 m, Ruby Gebirge, südlich von Elko, Nevada".

USA, Nevada

521. ♂, “*Parnassius smintheus rubiana*” / USA, Nevada, Elro Co., 9.07.1987. (Ex coll. V.A.Korolev, № P01293);
522. ♀, “*Parnassius smintheus rubiana*” / USA, Nevada, Elro Co., 12.07.1987. (Ex coll. V.A.Korolev, № P01294).



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Parnassius (Parnassius) smintheus montanula Bryk & Eisner, 1935

Type locality: "Turah, Montana [...] 3400-4500' ", USA.

Note: some authors considered it as a synonym of ssp. *magnus* W.G.Wright, 1905.

USA, Montana



523. ♂, "*P. smintheus montanula*" / USA, Montana, Missoula Co, 9-Mile Prairie. 25.06.1981. S.Kohler leg. (Ex coll. V.A.Korolev, № P01172);

524. ♂, "*P. smintheus montanula*" ♂ / USA, Montana, Missoula Co, 9-Mile Prairie. 25.06.1981. S.Kohler leg. (Ex coll. V.A.Korolev, № P01514).

Parnassius smintheus magnus W.G.Wright, 1905

Type locality: "British Columbia"; "Enderby, B.C.", Canada.

Synonyms: *xanthus* Ehrmann, 1918; *idahoensis* Bryk & Eisner, 1931.

USA, Idaho

525. ♂, «*Parnassius phoebus xanthus* ♂ / USA, Idaho, Ner Perce Co, 4.07.2006. (Ex coll. V.A.Korolev, № P01172).

Parnassius (Parnassius) tianschanicus Oberthür, 1879

Original description: *Parnassius tianschanica* Oberthür, 1879; Étud. d'Ent. 4: 108.

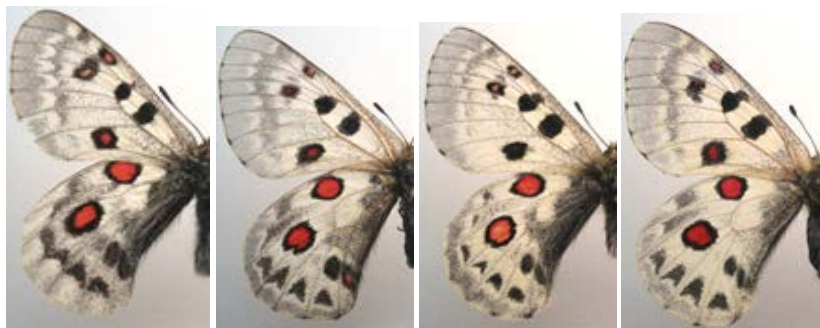


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Parnassius (Parnassius) tianschanicus tianschanicus Oberthür, 1879

Type locality: uncorrected TL "Foret de Kouldja de du Tianschan" (Oberthür, 1879); corrected TL: mountains to North from Issyk-Kul lake, Transili Alatau.

Synonyms: *tianschanica* Oberthür, 1879; *almaataensis* Bryk & Eisner, 1935 (TL: "Alma-Ata").

Kazakhstan, N.Tien-Shan, Transili Alatau Mts.

526. (Table IV, 526) ♂, "Заилийский Алатау, дол. р.Чилик, окр. п.Саты, оз.Кюльсай, 25.07.1991, Щаденков А.А.", [Transili Alatau, Chilik river valley, loc. Saty village, Kulsai lake, 25.07.1991, Stshadenkov A.A. leg.] /Ex coll. V.A. Korolev, № P00387;
527. (Table IV, 527) ♀, "Заилийский Алатау, дол. р.Чилик, окр. п.Саты, оз.Кюльсай, 25.07.1991, Щаденков А.А.", [Transili Alatau, Chilik river valley, loc. Saty village, Kulsai lake, 25.07.1991, Stshadenkov A.A. leg.] /Ex coll. V.A. Korolev, № P00388;
528. ♂, S.Kazakhstan, Zailiisky Alatau Mts., loc Almaty, Malaya Almaatinka river, 3000 m, 1.07.2007 Berezhnoi Yu.I. /Ex coll. V.A. Korolev, № P00735.

529. ♀, S.Kazakhstan, Zailiisky Alatau Mts., loc Almaty, Malaya Almaatinka river, 3000 m, 1.07.2007 Bereznoi Yu.I. (Ex coll. V.A. Korolev, № P00736).

Parnassius (Parnassius) tianschanicus alexander Bryk & Eisner, 1935

Type locality: "Alexander-Geb. [...] Syrt, Syr-Darja [...] Namangan"; corrected TL: Kirghizskiy Mts., N.Tien-Shan.

Kirghizia, Talas Mts.

530. ♂, "Кыргызстан, Талас[ский хреб.], пер. Алабель, 3000 м., 18.07.1993, Самодуров Г.Д.", [Kyrgyzstan, Talas Mts., Alabel pass, 3000 m, 18.07.1993, Samodurov G.D. leg.] (Ex coll. V.A. Korolev, № P00413);
531. ♂, "Кыргызстан, Талас[ский хреб.], пер. Алабель, 3000 м., 18.07.1993, Самодуров Г.Д.", [Kyrgyzstan, Talas Mts., Alabel pass, 3000 m, 18.07.1993, Samodurov G.D. leg.] (Ex coll. V.A. Korolev, № P00414);
532. ♂, "Кыргызстан, Талас[ский хреб.], пер. Алабель, 3000 м., 19.07.1993, Самодуров Г.Д.", [Kyrgyzstan, Talas Mts., Alabel pass, 3000 m, 19.07.1993, Samodurov G.D. leg.] (Ex coll. V.A. Korolev, № P00415);
533. ♀, "Кыргызстан, Талас[ский хреб.], пер. Алабель, 3000 м., 19.07.1993, Самодуров Г.Д.", [Kyrgyzstan, Talas Mts., Alabel pass, 3000 m, 19.07.1993, Samodurov G.D. leg.] (Ex coll. V.A. Korolev, № P00416);
534. ♀, "Кыргызстан, Талас[ский хреб.], пер. Алабель, 3000 м., 19.07.1993, Самодуров Г.Д.", [Kyrgyzstan, Talas Mts., Alabel pass, 3000 m, 19.07.1993, Samodurov G.D. leg.] (Ex coll. V.A. Korolev, № P00417);
535. ♀, "Кыргызстан, Талас[ский хреб.], пер. Алабель, 3000 м., 19.07.1993, Самодуров Г.Д.", [Kyrgyzstan, Talas Mts., Alabel pass, 3000 m, 19.07.1993, Samodurov G.D. leg.] (Ex coll. V.A. Korolev, № P00418);
536. ♀, "Кыргызстан, Талас[ский хреб.], пер. Алабель, 3000 м., 20.07.1993, Самодуров Г.Д.", [Kyrgyzstan, Talas Mts., Alabel pass, 3000 m, 20.07.1993, Samodurov G.D. leg.] (Ex coll. V.A. Korolev, № P00419);
537. Kirgizia, хр. Таласский Алатау, пер. Кара-Буура, 3300 м, 30.07.1999. О.Новиков leg. [Kirgizia, Talassky Alatau Mts., Kara-Buura-pass, 3300 m, 30.07.1999. O.Novikov leg.] (Ex coll. V.A. Korolev, № P01603).

Kirghizia, Susamyr Mts.

538. ♂, Susamyr Mts., Ala-Bel pass, 3500 m, 26-28.06.2003. Bereznoi Yu.I. leg. (Ex coll. V.A. Korolev, № P00749);
539. ♂, Susamyr Mts., Ala-Bel pass, 3500 m, 26-28.06.2003. Bereznoi Yu.I. leg. (Ex coll. V.A. Korolev, № P00750).

Parnassius (Parnassius) tianschanicus minor Staudinger 1881

Type locality: "aus dem Ala Tau (sicher hoch gefangen)", Kazakhstan, Dzhungarsky Alatau.

SE Kazakhstan, Dzhungaria

540. ♂, SE Kazakhstan, Dzhungarsky Alatau, Koyandytau Mts., Kyrtyasty river valley, 2700-2900 m a.s.l., 14.06.2006. N.Rubin leg. (Ex coll. V.A. Korolev, № P01800);

Parnassius (Parnassius) tianschanicus astrictio Ohya 1987

Type locality: Kaindy Mts., Eastern. Tien-Shan.

Synonyms: *kaindyensis* Kreuzberg, 1989 (TL: «хр.Каиды, горный массив Утш-Чат, 3000 м, Киргизская ССР» [Kaindy Mts., mountain massif Utsh-Chat, 3000 m, Kirghizskaya SSR]).

Kirghizia, Eastern Tien-Shan, Kaindy Mts.

541. ♂, “Вост. Тянь-Шань, хр.Каинды, 2600 м., п.Ташкора, 20.07.1991, Евстигнеев А.А.”, [Eastern Tien-Shan, Kaindy Mts., 2600 m, Tashkoro village, 20.07.1991, Evstigneev A.A. leg.] (Ex coll. V.A. Korolev, № P00389);
542. ♀, “Вост. Тянь-Шань, хр.Каинды, 2600 м., п.Ташкора, 20.07.1991, Евстигнеев А.А.”, [Eastern Tien-Shan, Kaindy Mts., 2600 m, Tashkoro village, 20.07.1991, Evstigneev A.A. leg.] (Ex coll. V.A. Korolev, № P00390).

***Parnassius (Parnassius) tianschanicus chimganus* Kreuzberg 1989**

Type locality: “Узбекская ССР, Чаткальский хр., урочище Чимган, 2300 м [...] Uzbek SSR, Chatkal mountain range, Chimgan valley, 2300 m”ю

West Tien Shan, Chatkal Mts.

543. ♂, Kirghizstan, West Tien-Shan, Chatkal Mt. Range, Chapchima Pass environs, N 41° 31'47”, E 70°47'40”, 2800-3200 m, 22-24.06.2013. N.Rubin & Yu. Sobolevskaya leg. (Ex coll. V.A. Korolev, № P01798).

***Parnassius (Parnassius) tianschanicus insignis* Staudinger 1889**

Type locality: “aus dem südlichen Alai”; S.Alai Mts., Tadzhikistan.

Kirghizia, Alai Mts.

544. ♂, Kirghizstan, Alai Mt. Range (N slope), Kyzyl-Eshme river ravine, N 39°35'14.6”, E 72°16'16.3”, 2900 m, 16-17.07.2012. N.Rubin leg. (Ex coll. V.A. Korolev, № P01799);

***Parnassius (Parnassius) tianschanicus superbus* Austaut, 1889**

Type locality: “dans les alpes du sudest du Turkestan, probablement sur le vaste plateau du Transalai, à une altitudde qui varie de 2700 à 3800 mètres”; Transalai Mts., Tadzhikistan.

Tadzhikistan, Western Pamir

545. ♂, “Западный Памир, Язгулемский хр., к.Рушан, 3400 м., 24.06.1991, Чиколовец В.В.”, [Western Pamir, Yazgulemsky Mts., Rushan village, 3400 m, 24.06.1991, Tshikolovets V.V. leg.] (Ex coll. V.A. Korolev, № P00391);
546. ♂, “Западный Памир, Язгулемский хр., к.Рушан, 3400 м., 24.06.1991, Чиколовец В.В.”, [Western Pamir, Yazgulemsky Mts., Rushan village, 3400 m, 24.06.1991, Tshikolovets V.V. leg.] (Ex coll. V.A. Korolev, № P00392);
547. ♀, “Западный Памир, г.Хорог, ботанический сад, 8.06.1988, В.П.Лосманов”, [Western Pamir, Khorog city, botanical garden, 8.06.1988, V.P.Losmanov leg.] (Ex coll. V.A. Korolev, № P00393).

***Parnassius (Parnassius) tianschanicus thiseus* Ehrmann, 1920**

Type locality: «Naryn», Natyn Mts., Inner Tien-Shan.

548. ♂, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев В.А.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev V.A. leg.] (Ex coll. V.A. Korolev, № P00394);
549. ♂, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев В.А.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev V.A. leg.] (Ex coll. V.A. Korolev, № P00395);
550. ♂, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев В.А.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev V.A. leg.] (Ex coll. V.A. Korolev, № P00396);
551. ♂, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев В.А.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev V.A. leg.] (Ex coll. V.A. Korolev, № P00397);
552. ♂, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев С.В.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev S.V. leg.] (Ex coll. V.A. Korolev, № P00398);
553. ♂, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев С.В.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev S.V. leg.] (Ex coll. V.A. Korolev, № P00399);
554. ♂, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев С.В.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev S.V. leg.] (Ex coll. V.A. Korolev, № P00400);
555. ♂, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев С.В.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev S.V. leg.] (Ex coll. V.A. Korolev, № P00401);
556. ♀, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев В.А.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev V.A. leg.] (Ex coll. V.A. Korolev, № P00402);
557. ♀, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев В.А.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev V.A. leg.] (Ex coll. V.A. Korolev, № P00403);
558. ♀, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев В.А.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev V.A. leg.] (Ex coll. V.A. Korolev, № P00404);
559. ♀, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев С.В.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev S.V. leg.] (Ex coll. V.A. Korolev, № P00405);
560. ♀, “Внутренний Тянь-Шань, хр.Ат-Баши, 3300 м., окр. крепости Таш-Рабат, 25.07.1990, Королев С.В.”, [Inner Tien-Shan, At-Bashi Mts., 3300 m, loc. Tash-Rabat caravanserrai, 25.07.1990, Korolev S.V. leg.] (Ex coll. V.A. Korolev, № P00406);
561. ♂, “Киргизия, хр.Абаши, 63 км зап. г.Ат-Баши, уроч. Сары-Булак, 3000 м., 10-20.08.2000, Кожобаев К.А.”, [Kirghizia, At-Bashi Mts., 63 km west. from At-Bashi-city, Sary-Bulak, 3000 m, 10-20.08.2000, Kozhobaev K.A. leg.] (Ex coll. V.A. Korolev, № P00407);
562. ♀, “Киргизия, хр.Атбаши, 63 км зап. г.Ат-Баши, уроч. Сары-Булак, 3000 м., 10-20.08.2000, Кожобаев К.А.”, [Kirghizia, At-Bashi Mts., 63 km west. from At-Bashi-city, Sary-Bulak, 3000 m, 10-20.08.2000, Kozhobaev K.A. leg.] (Ex coll. V.A. Korolev, № P00408);

563. ♀, “Киргизия, хр.Атбаши, 63 км зап. г.Ат-Баши, уроч. Сары-Булак, 3000 м., 10-20.08.2000, Кожобаев К.А.”, [Kirghizia, At-Bashi Mts., 63 km west. from At-Bashi-city, Sary-Bulak, 3000 m, 10-20.08.2000, Kozhobaev K.A. leg.] (Ex coll. V.A. Korolev, № P00409);
564. ♀, “Киргизия, хр.Атбаши, 63 км зап. г.Ат-Баши, уроч. Сары-Булак, 3000 м., 10-20.08.2000, Кожобаев К.А.”, [Kirghizia, At-Bashi Mts., 63 km west. from At-Bashi-city, Sary-Bulak, 3000 m, 10-20.08.2000, Kozhobaev K.A. leg.] (Ex coll. V.A. Korolev, № P00410);
565. ♀, “Киргизия, хр.Атбаши, 63 км зап. г.Ат-Баши, уроч. Сары-Булак, 3000 м., 10-20.08.2000, Кожобаев К.А.”, [Kirghizia, At-Bashi Mts., 63 km west. from At-Bashi-city, Sary-Bulak, 3000 m, 10-20.08.2000, Kozhobaev K.A. leg.] (Ex coll. V.A. Korolev, № P00411);
566. ♀, “Киргизия, хр.Атбаши, 63 км зап. г.Ат-Баши, уроч. Сары-Булак, 3000 м., 10-20.08.2000, Кожобаев К.А.”, [Kirghizia, At-Bashi Mts., 63 km west. from At-Bashi-city, Sary-Bulak, 3000 m, 10-20.08.2000, Kozhobaev K.A. leg.] (Ex coll. V.A. Korolev, № P00412).

Parnassius (Parnassius) tianschanicus shiva Wyatt, 1961

Type locality: "Kars Pass, Shiva Mts., N. Badakhshan, 11,000 ft."



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Afghanistan, Badakhshan Province

567. ♂, NE Afghanistan, Badakhshan Prov., loc. Shiva-lake, 3600-3700 m, 24.07.2011, O.Pak leg. (Ex coll. Korolev V.A., № P01640);
568. ♂, NE Afghanistan, Badakhshan Prov., loc. Shiva-lake, 3600-3700 m, 24.07.2011, O.Pak leg. (Ex coll. Korolev V.A., № P01641);
569. ♂, NE Afghanistan, Badakhshan Prov., loc. Shiva-lake, 3600-3700 m, 24.07.2011, O.Pak leg. (Ex coll. Korolev V.A., № P01642);
570. ♂, NE Afghanistan, Badakhshan Prov., loc. Shiva-lake, 3600-3700 m, 24.07.2011, O.Pak leg. (Ex coll. Korolev V.A., № P01643);
571. ♀, NE Afghanistan, Badakhshan Prov., loc. Shiva-lake, 3600-3700 m, 24.07.2011, O.Pak leg. (Ex coll. Korolev V.A., № P01644);
572. ♀, NE Afghanistan, Badakhshan Prov., loc. Shiva-lake, 3600-3700 m, 24.07.2011, O.Pak leg. (Ex coll. Korolev V.A., № P01645);

573. ♀, NE Afghanistan, Badakhshan Prov., loc. Shiva-lake, 3600-3700 m, 24.07.2011, O.Pak leg. (Ex coll. Korolev V.A., № P01646);
574. ♀, NE Afghanistan, Badakhshan Prov., loc. Shiva-lake, 3600-3700 m, 24.07.2011, O.Pak leg. (Ex coll. Korolev V.A., № P01647);
575. ♀, NE Afghanistan, Badakhshan Prov., loc. Shiva-lake, 3600-3700 m, 24.07.2011, O.Pak leg. (Ex coll. Korolev V.A., № P01648).

Subgenus *Sachaia* Korshunov, 1988

Parnassius (Sachia) arcticus (Eisner, 1968)

Original description: *Tadumia simo* subsp. *arctica* Eisner, 1968; Zool. Meded. 43 (2): 15, pl. 1, f. 7-8.

Type locality: "in den Bergen östlich von Werchnosensk" (probably – Verkhojansk, basin of Yana-river, Yakutia).

Note: taxon was originally erroneously described by Eisner (1968) as a subspecies of *simo*, which is absent in Siberia. In addition, designated the holotype, was a female (the type is stored in the Royal Museum of Natural History in Leiden, coll. Eisner). Eisner later made a correction and marked it as a subspecies of *tenedius* (Eisner, 1969, 176). On this basis Yu.P.Korshunov led redescription of this taxon called *ammosovi* (look: Korshunov, 1988, 2000, 2002).

Synonyms: *ammosovi* Korshunov, 1988 (TL: Suntar-Hayata Mts., upper of Eastern Khandyga river, Yakutia, Russia).

Russia, Yakutia, Suntar-Khayata Mts.



576. ♂, "*Parnassius arctica* ♂ / Russia, East Siberia, Yakutia Tompon distr. Suntar-Khajata, Razvilka-Nezhdanenskoye path, Kuranakh pass, H 1300-1350 m. Date: 19.06.2010, Point 5. Leg. Samus A.N." (Ex coll. V.A.Korolev, № P01061);
577. ♂, Russia, East Siberia, Yakutia Tompon distr. Suntar-Khajata, Razvilka-Nezhdanenskoye path, Kuranakh pass, H 1300-1350 m. Date: 19.06.2010, Point 5. Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01062).

Parnassius (Sachaia) boedromius Püngeler, 1901

Original description: *Parnassius boedromius* Püngeler, 1901; Dt. Ent. Z. Iris 14 (1): 177, pl. 1, f. 3-4.

Parnassius (Sachaia) boedromius boedromius Püngeler, 1901

Type locality: Aksu River, W.China.

Kirghizia, C. Tien Shan, Enylchek Mts.



578. ♀, Kirghizia, Issyk Kul Province, Central Tian Shan, Kaindy-Katta Mt. R., Enylchek Range, 3700 m, 10.07.2003. Vladimir Kartashov. (Ex coll. Korolev V.A., № P01551).

***Parnassius (Sachaia) boedromius hohlbecki* Avinov, 1913**

Type locality: "in montibus Alexandri orientalibus [...] iz vostotshnoj tshasti Aleksandrovskago chrehta" (east of Kirghizskiye Mts., Northern Tien-Shan)

Kirghizia, Kirghizskiye Mts.:



579. ♂, "Киргизский хреб., Джау-Басар, 3500-3600 м, 27.06.1992, Чиколовец В.В.", [Kirghizskiye Mts., Dzhau-Basar, 3500-3600 m, 27.06.1992, Tshikolovets V.A. leg.] (Ex coll. V.A.Korolev, № P00324);
580. ♂, "Киргизский хреб., Джау-Басар, 3500-3600 м, 27.06.1992, Чиколовец В.В.", [Kirghizskiye Mts., Dzhau-Basar, 3500-3600 m, 27.06.1992, Tshikolovets V.A. leg.] (Ex coll. V.A.Korolev, № P00325);
581. ♂, "Киргизский хреб., Джау-Басар, 3500-3600 м, 27.06.1992, Чиколовец В.В.", [Kirghizskiye Mts., Dzhau-Basar, 3500-3600 m, 27.06.1992, Tshikolovets V.A. leg.] (Ex coll. V.A.Korolev, № P00326);
582. ♂, "Киргизский хреб., Джау-Басар, 3500-3600 м, 27.06.1992, Чиколовец В.В.", [Kirghizskiye Mts., Dzhau-Basar, 3500-3600 m, 27.06.1992, Tshikolovets V.A. leg.] (Ex coll. V.A.Korolev, № P00327).

***Parnassius (Sachaia) boedromius prasolovi* Kreuzberg, 1986**

Type locality: Inner Tien-Shan.

Kirghizia, Inner Tien-Shan, Dzhetim-bel Mts.



583. ♂, "*P. boedromius prasolovi*", Kirgizstan, Dzhetyim Bel Mts., Suck pass, h=3900 m, 25-30.06.2007. (Ex coll. V.A.Korolev, № P01113).

Parnassius (Sachaia) boedromius sokolovi Kreuzberg, 1990

Type locality: "Kirghiz SSR, Susamyr mountain range, Alabel pass, 3600 m".

Kirghizia, Talas Mts.



584. ♂, Kyrgyzstan, Talas Alatau Mt. Range, Alabel Pass, 3500 m, 26.07.2000. I.Pljuschch lg. (Ex coll. Korolev V.A., № P01607).

Parnassius (Sachaia) simo Gray, 1853

Original description: *Parnassius simo* Gray, [1853]; Cat. lep. Ins. Coll. Brit. Mus. 1 (Papilionidae) : 76, pl. 12, f. 3-4,

Parnassius (Sachaia) simo avinoffi Verity, [1911]

Type locality: "dans l'Hindou Koch, à Beik, près de 5000 m."; Eastern Pamir.

Synonyms: *avinovi* Verity, 1911.

Tadjikistan, Eastern Pamir



585. ♂, Tadjikistsn, E.Pamir, Chaka-Bai mts., 40 km SW of Murgab city, h=4600 m, 12-14.07.2005 (Ex coll. V.A.Korolev, № P00328).

Parnassius (Sachaia) simo qinghaiensis Sorimachi, 1994

Type locality: China, Qing-Hai Province.

China, Qing-Hai Prov.

586. *Topotypus* ♂, China, Qing-Hai Province, Hela mountain, 4000 sm, 07.2011. (Ex coll. V.A.Korolev, № P01427);



587. *Topotypus* ♂, China, Qing-Hai Province, Hela mountain, 4000 sm, 07.2011. (Ex coll. V.A.Korolev, № P01426);



588. *Topotypus* ♀, China, Qing-Hai Province, Hela mountain, 4000 sm, 07.2011. (Ex coll. V.A.Korolev, № P01428).

Parnassius (Sachaia) simonius Staudinger, 1889

Original description: *Parnassius simonius* Staudinger, 1889; Stettin Ent. Ztg 50 (1-3): 16.

Parnassius (Sachaia) simonius simonius Staudinger, 1889

Type locality: "in einer sehr bedeutenden Höhe (von etwa 4-5000 Meter) im Pamir Gebiet (oder Transalai?)", Transalai Mts.

Kirghizstan, Transalai Mts.

589. ♂, "Заалайский хреб., уроч. Арам-Кунгей, 4000 м, 19.07.1992, Чиколовец В.В.", [Transalai Mts., Aram-Kungei, 4000 m, 19.07.1992, Tshikolovets V.V. leg.] (Ex coll. V.A.Korolev, № P00322);



590. ♂, "Заалайский хреб., уроч. Арам-Кунгей, 4000 м, 19.07.1992, Чиколовец В.В.", [Transalai Mts., Aram-Kungei, 4000 m, 19.07.1992, Tshikolovets V.V. leg.] (Ex coll. V.A.Korolev, № P00321);

591. ♂, “Заалайский хребт., уроч. Арам-Кунгей, 4000 м, 19.07.1992, Чиколовец В.В.”, [Transalai Mts., Aram-Kungei, 4000 m, 19.07.1992, Tshikolovets V.V. leg.] (Ex coll. V.A.Korolev, № P00323).

Parnassius (Sachaia) simonius grayi Avinoff, 1916

Type locality: "north-western slopes of the Alai Mountains near Jengisbai";

Kirghizia, Alai Mt.



592. *Topotypus* ♂, S Kirgizstan, Alai Mt. rng., Tengizbai pass, 3200 m, 12.07.2009. / Ex coll. Korolev V.A., № P01953.

Parnassius (Sachaia) andreji Eisner, 1930

Original description: *P.[arnassius] simo* Gray *andreji* Eisner, 1930, Parnassiana Neubrandenburg. 1, no. 3:5.

Parnassius (Sachaia) andreji simillimus Bryk & Eisner, 1937

Type locality: "Burchan-Buddha, Nomohun Paß", China.

China, Tibet



593. *Topotypus* ♂, China, Qinghai Prov., Burhanbudai Shan, 4500 m. 23.07.2009. Ex coll. Korolev V.A., № P01842.

Parnassius (Sachaia) andreji buddenbrocki Bang-Haas, 1938

Type locality: "34° 10' n. Br. und 102° 15' . L. 100 km südwestlich der Stadt Tau(chow) auf dem Berge Pullow ... 3000 bis 4000 m"" , Western China, Kun-Lun Mts.

China, Tibet



594. ♀, *P. andreji buddenbrocki*, China, Tibet, Qinghai, Pingan, H = 5000 m, 20-23.06.2005. (Ex coll. V.A.Korolev, № P01109).

Parnassius (Sachaia) andreji dirschi Bang-Haas, 1938

Type locality: "50 km südwestlich der Stadt Liangtschou, 2500 m", China.

China, Gansu Prov.



595. ♂, China, Gansu Prov., Long Shou Shan, 4000 m. 26.07.2009. Ex coll. Korolev V.A., № P01843.

Parnassius (Sachaia) andreji ogawai Ohya, 1987

Type locality: China.

China, Sichuan Prov.

596. ♂, Ya'an, Sichuan, China, 4000 m, 15.06.2012. Ex coll. Korolev V.A., № P02014;

597. ♀, Ya'an, Sichuan, China, 4000 m, 15.06.2012. Ex coll. Korolev V.A., № P02015;



598. ♂, China, Sichuan Prov., Batang, 4500 m. 5-13.07.2009. Ex coll. Korolev V.A., № P01841.

Parnassius (Sachaia) tenedius Eversmann, 1851

Original description: *Parnassius tenedius* Eversmann, 1851; Bull. Soc. imp. Nat. Moscou 24 (2): 6.

Parnassius (Sachaia) tenedius tenedius Eversmann, 1851

Type locality: Irkutsk reg.

Russia, Altai

599. (Table IV, 599) ♂, Russia, SW Siberia, Altai Mountains, Altai Republic, Ulagansky District, Aktash village environs, 2300 m, 14.06.2004. V.Zurilina. (Ex coll. Korolev V.A., № P01554).

Parnassius (Sachaia) tenedius britae Bryk, 1932

Type locality: "Sredne-Kolymsk, N. O. Sibirien (67°50' n. Br.)."

Russia, Magadan reg.



600. ♂, "Магаданская обл., Колымское нагорье, долина р.Сеймчан, 2-6.06.1994, Бабакина О.А.", [Magadan reg., Kolyma Highland, Seymchan river valley, 2-6.06.1994, Babakina O.A.] (Ex coll. V.A.Korolev, № P00304);
601. ♂, "Магаданская обл., Колымское нагорье, долина р.Сеймчан, 2-6.06.1994, Бабакина О.А.", [Magadan reg., Kolyma Highland, Seymchan river valley, 2-6.06.1994, Babakina O.A.] (Ex coll. V.A.Korolev, № P00305);
602. ♂, "Магаданская обл., Колымское нагорье, долина р.Сеймчан, 2-6.06.1994, Бабакина О.А.", [Magadan reg., Kolyma Highland, Seymchan river valley, 2-6.06.1994, Babakina O.A.] (Ex coll. V.A.Korolev, № P00306);
603. ♂, "Магаданская обл., Колымское нагорье, долина р.Сеймчан, 10.06.1994, Бабакина О.А.", [Magadan reg., Kolyma Highland, Seymchan river valley, 10.06.1994, Babakina O.A.] (Ex coll. V.A.Korolev, № P00307);
604. ♂, "Магаданская обл., Колымское нагорье, долина р.Сеймчан, 6.06.2000, Бабакина О.А.", [Magadan reg., Kolyma Highland, Seymchan river valley, 6.06.2000, Babakina O.A.] (Ex coll. V.A.Korolev, № P00308);
605. (Table IV, 605) ♀, "Магаданская обл., Колымское нагорье, долина р.Сеймчан, 10.06.1994, Бабакина О.А.", [Magadan reg., Kolyma Highland, Seymchan river valley, 10.06.1994, Babakina O.A.] (Ex coll. V.A.Korolev, № P00309).

Russia, Yakutia

606. ♂, “Якутская АССР, п. Эге-Хал, 18.06.1989, Федоров В./ Parnassius tenedius ♂, det. 1990 Streltsov”, [Yakutskaya ASSR, Ege-Hal village, 18.06.1989, Fedorov V. leg.] (Ex coll. V.A.Korolev, № P00310);
607. ♂, Russia, East Siberia, Yakutia, Oimayakon distr., “Kolyma” rout 1180 km from Magadan H 864 Bridge across Brungade riv., 15.06.2010. / Point 3 / Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01069);
608. ♂, Russia, East Siberia, Yakutia, Oimayakon distr., “Kolyma” rout 1180 km from Magadan H 864 Bridge across Brungade riv., 15.06.2010. / Point 3 / Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01070);
609. ♀, Russia, East Siberia, Yakutia, Oimayakon distr., “Kolyma” rout 1180 km from Magadan H 864 Bridge across Brungade riv., 15.06.2010. / Point 3 / Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01071).

Subgenus *Tadumia* Moore, 1902

Parnassius (Tadumia) acco Gray, 1853

Original description: *Parnassius acco* Gray, 1852; Cat. lep. Ins. Coll. Brit. Mus. 1 (*Papilionidae*): 76, pl. 12, f. 5-6.

Parnassius (Tadumia) acco gemmifer Fruhstorfer, 1904

Type locality: “Süd-Tibet”, China.

China, Tibet



610. ♀, Kappa-Dzong, near Sikkim, 5000 m, Tibet, China, 07.2011 / Ex coll. Korolev V.A., № P02010;

Parnassius (Tadumia) acco mirabilis Bang-Haas, 1927

Type locality: “Thibet centr.: Gyantse”.

China, Tibet

611. (Table IV, 611) ♂, China, Tibet, Yung-La Pass, 5200 m, 15.07.2011. (Ex coll. Korolev V.A., № P01655);
612. ♂, China, Tibet, Yung-La Pass, 5200 m. 18.07.2011. Ex coll. Korolev V.A., № P01848;
613. (Table IV, 613) ♀, China, Tibet, Yung-La Pass, 5200 m, 15.07.2011. (Ex coll. Korolev V.A., № P01656);
614. ♀, China, Tibet, Yung-La Pass, 5200 m. 18.07.2011. Ex coll. Korolev V.A., № P01849.

Parnassius (Tadumia) acco goergneri Weiss & Michel, 1989

Type locality: "nord de Lhasa, 5000-5300 m, Tibet central", Central Tibet north from Lhasa, China.

China, Tibet



615. ♂, Tibet, Koro-la, 5200-5400 m., 06.1995, leg. Ammosov O. (Ex coll. V.A.Korolev, № P00386).

Parnassius (Tadumia) acco gloria Kocman, 1996

Type locality: "China, SC. Tibet, Sachia, 4600-5000 m".

China, Tibet



616. *Topotypus* ♂, China, Tibet, Sakya, 5000 m, 13.07.2011. (Ex coll. Korolev V.A., № P01653);



617. *Topotypus* ♀, China, Tibet, Sakya, 5000 m, 13.07.2011. (Ex coll. Korolev V.A., № P01654).

Type locality: "China, SC. Tibet, W. Kangtissu Shan, N. of Yamtso Yumco, Chüshui-Nakaerh, 4800-5200 m".

China, Tibet



618. ♀, SE-Lasa, 160 km, 4800 m, Tibet, [China], 07.2011./ Ex coll. Korolev V.A., № P02009

Parnassius (Tadumia) acco gyanglaputsai Huang, 1998

Type locality: "Xiangangjiang Mts. [...] Naogaola, 5200 m", China.

China, Tibet



619. ♂, China, Tibet, Sage-SE 35 km, 5000 m. 20.07.2011. Ex coll. Korolev V.A., № P01844;



620. ♀, China, Tibet, Sage-SE 35 km, 5000 m. 20.07.2011. Ex coll. Korolev V.A., № P01845.

Parnassius (Tadumia) cephalus Grum-Grshimailo, 1891

Original description: *Parnassius cephalus* Grum-Grshimailo, 1891; Horae Soc. ent. Ross. 25 (3-4) : 446.

Parnassius (Tadumia) cephalus elwesi Leech, 1893

Type locality: "from the high plateau to the north of Ta-chien-lu", China, Sichuan.

China, Tibet

621. ♂, Kangding, Sichuan, China, 3600 m, 18.07.2012. Ex coll. Korolev V.A., № P02018;

622. ♀, Kangding, Sichuan, China, 3600 m, 18.07.2012. Ex coll. Korolev V.A., № P02019.

Parnassius (Tadumia) cephalus micheli Weiss, 1992

Type locality: "Shingulikong Shan (Central Tibet) 5100-5400 m".

China, Tibet

623. (Table IV, 623) ♂, China, Qinghai prov., Pingan, h=4600-4900 m. 10-18.06.2006. (Ex coll. V.A.Korolev, № P00882).

Parnassius (Tadumia) szechenyii Frivaldszky, 1886

Original description: *Parnassius szechenyii* Frivaldszky, 1886; Termezetr. Füz. 10: 39

Parnassius (Tadumia) szechenyii germanae (Austaut, 1906)

Type locality: "Tatsienlu", (now Kangding city), Tibet, Sichuan, China.

Synonyms: *germanae* Bang-Haas, 1928.

China, Tibet, Sichuan prov.

624. (Table IV, 624) ♂, China, Sichuan, Ba-Tang, h=4300-4600 m, 10-15.07.2006; (Ex coll. V.A.Korolev, № P00382).

Parnassius (Tadumia) szechenyii evacaki Schulte 1992

Type locality: "China, Qinghai, Qinghai-Nanshan, ca. 25 km nördlich Caka, 3500-4500 m"

China, Qinghai prov.



625. ♂, China, NE Quinhai, Wulan env., Tunpo Mts., 16.07.2011. / Ex coll. Korolev V.A., № P01949.

***Parnassius (Tadumia) schultei* Weiss & Michel, 1989**

Original description: *Parnassius schultei* Weiss J.-C., Michel F., 1989. Bulletin de la Société Sciences Nat 61: 5-19.

Parnassius (Tadumia) schultei schultei Weiss & Michel, 1989

Type locality: "nord de Lhasa, 5000-5300 m, Tibet central", China.

China, Tibet:

626. ♂, China, S.Tibet, Mt. Langdashaan, 07.2014. / Ex coll. Korolev V.A., № P02025.

***Parnassius (Tadumia) hunnyngtoni* Avinoff, 1916**

Original description: *Parnassius hunnyngtoni* Avinoff, 1916; Trans. ent. Soc. Lond. 1915 : 351, pl. 52, f. 1-3.

Parnassius (Tadumia) hunnyngtoni fujisawai Kawasaki, 1995

Type locality: "Karo-La, alt. 5100m. South of Neichinkansha Feng, Central Thibet, China".

China, Tibet:

627. ♂, China, S of Tibet, 50 km SW of Karola pass. H=4900 m, 15.07.2014. Ex coll. Yang Yang. / Ex coll. Korolev V.A., № P02027;

628. ♀, China, S of Tibet, 50 km SW of Karola pass. H=4900 m, 15.07.2014. Ex coll. Yang Yang. / Ex coll. Korolev V.A., № P02028.

***Parnassius (Tadumia) hardwickii* Gray, 1831**

Original description: *Parnassius hardwickii* Gray, 1831, Zool. Miscell. (1): 32.

Parnassius (Tadumia) hardwickii punjabensis Bryk, 1934

Idia, Punjab

629. **Syntype** ♂, [India], "Punjab, Simla, Narkauda, Himalaya sept. occ. 2700 m." / e Collection Bang-Haas / Ex coll. Korolev V.A., № P02031.

Tribe *LUEHDORFIINI* Chapman, 1895

Genus *Archon* Hübner, [1822]

Archon apollinus (Herbst, 1798)

Original description: *Papilio apollinus* Herbst, 1798; *Naturs. Schmettt.* 9: 156, pl. 250, f. 5-8 (♂♀)

Archon apollinus apollinus (Herbst, 1798)

Type locality: Turkey, Izmir (according neotypus: «Izmir, Türkei, März 1969, leg. Rubyk», Frankfurt/Main, coll. de Freina.' (de Freina, 1985: 125-126). Typen in ZSSN.

Synonyms: *thia* Hubner, 1803-1818; =*nocticolor* (♀) Stichel in Wytman, 1907; ?=ssp. *ardina* Stichel, 1906; =ssp. *ochracea* Wagner, 1910; =ssp. *pallidior* Spuler, 1892; =ssp. *pythius* Esper, 1779; ab. *flavescens* Vrtý., 1906; ab. *krySTALLINA* Schilde, 1884, Israel; ab. *pretiosa* Schawerda, 1925; ab. *minor* Pionneau, 1930; ab. *nocturna* Schawerda, 1925; ab. ♀ *rubia* Stgr., 1892).

Turkey

630. (Table IV, 630) *Topotypus* ♂, «*Archon a. apollinus* ♂, Turkey, Izmir. 21.04.2001, leg. Fastre F.» (Ex coll. Korolev V.A., № P01399);

631. (Table IV, 631) *Topotypus* ♀, «*Archon a. apollinus* ♀, Turkey, Izmir. 21.04.2001, leg. Fastre F.» (Ex coll. Korolev V.A., № P01400).

Archon apollinus bellargus Staudinger, 1892

Type locality: "Kessan, Sud-Antiochien", South Syria?

Synonyms: *A. apollinus bellargus* f. *curiosa* Eisner, 1954; *A. apollinus bellargus* f. *flavomaculata* Eisner, 1954.

Israel

632. (Table IV, 632) ♂, Israel, Jerusalem, Bet-Zayt, 4.03.2000, leg. Zamesov A. (Ex coll. Korolev V.A., № P00006);

633. (Table IV, 633) ♀, Israel, Rishon-Ierion, 10.04.2006, ex. coll. Korolev V.A. (Ex coll. Korolev V.A., № P00455).

Archon apollinus wyatti Koçak, 1976

Type locality: "Isparta Province (South Turkey), vicinity of Egridir lake, ca. 1000 m NN".

Synonyms: f. *inornata* Eisner, 1954 (TL: Turkey);

Note: some authors considered as a synonym of *Archon apollinus apollinus* (Herbst, 1798), see, for example: Hesselbarth et al. (1995: 260).

Turkey



634. ♂, Turquie, Icel [Istanbul], Bozagac, 650 m, 15.04.1992. J.Verhulst leg. (Ex coll. Korolev V.A., № P01401).



635. ♀, Turquie, Icel [Istanbul], Bozagac, 650 m, 15.04.1992. J.Verhulst leg. (Ex coll. Korolev V.A., № P01402).

Archon apollinus lichyi Carbonell & Brevignon, 1983

Type locality: "Turquie du sud, 30 km au nord d'Ulukisla, route Aksaray-Tarsus. 1 000 m" (S.Turkey).

Note: some authors considered as a synonym of *Archon apollinus apollinus* (Herbst, 1798), see, for example: Hesselbarth et al. (1995: 261).

Turkey



636. *Topotypus* ♂, Turquie, Nigde, Eregli – Ulukisla Cakmak, 1150 m, 8.04.1988. J.Verhulst leg. (Ex coll.V.A.Korolev, № P01403).

Archon apollinaris (Staudinger, 1892)

Original description: *Doritis apollinus* Herbst var. *apollinaris* Staudinger, 1892; Dt. Ent. Z. Iris 4 (2) : 225

Archon apollinaris apollinaris (Staudinger, 1892)

Type locality: "bei Goman Otta im nordöstlichen Kleinasien etwa 1500 Meter hoch"; NE Turkey.

Synonyms: *pallidior* Spuler, 1892; *mardina* Stichel, 1907 (TL: Turkey);

Turkey

637. (Table IV, 637) ♂, Turquie, Mardin, Mardin-Dyrbakir, Mazidagi Beli, 950 m, 14.04.2000. J.Verhulst leg. (Ex coll. V.A.Korolrv, № P01404)

638. (Table IV, 638) ♀, Turquie, Mardin, 1200 m, 8-9.04.1988. J.C.Weiss leg. (Ex coll. V.A.Korolev, № P01405)

Genus *Luehdorfia* Crüger, 1878

Luehdorfia puziloi (Erschoff, 1872)

Original description: *Thais puziloi* Erschoff, 1872; Horae Soc. Ent. Ross. 8 (4): 315,

Luehdorfia puziloi puziloi (Erschoff, 1872)

Type locality: loc. Vladivostok, Ussurijsk [Russia].

Russia

639. (Table IV, 639) *Topotypus* ♂, "[Приморский край], Уссурийск, окр. Горно-Тажной станции, 5-9.05.1998, Тимченко А."; [Primorie, Ussurijsk, loc. Gorno-Taezhnaya station, 5-9.09.1998, Timchenko A. leg.] (Ex coll. V.A.Korolev, № P00011)

640. (Table IV, 640) *Topotypus* ♀, "[Приморский край], Уссурийск, окр. Горно-Тажной станции, 5-9.05.1998, Тимченко А."; [Primorie, Ussurijsk, loc. Gorno-Taezhnaya station, 5-9.09.1998, Timchenko A. leg.] (Ex coll. V.A.Korolev, № P00012).

Luehdorfia puziloi lingjangensis (Lee, 1982)

Original description: *Luehdorfia puziloi lingjangensis* Lee, 1982, Yadoriga (The Lepidopterological Society of Japan, 107/108): 38.

Type locality: (China).

China



641. ♂, "*Luehdorfia puziloi lingjangensis*" / China, Liaoning. Ex- pupa. 15.05.2005. (Ex coll. V.A.Korolev, № P01518)

Luehdorfia longicaudata Lee, 1982

Original description: *Luehdorfia longicaudata* Lee, 1982, Yadoriga (The Lepidopterological Society of Japan, 107/108): 38.

Luehdorfia longicaudata taibai Chou, 1994

Type locality: "Taibai Mtn." (Taibaishan Mts., Shanxi Prov., China).

China, Shanxi prov.

642. (Table IV, 642) *Topotypus* ♂, "*Luehdorfia taibai*". China, Shanxi Prov., Taibai Mtn., 15.07.2000. (Ex coll. V.A.Korolev, № P01519)

Luehdorfia chinensis Leech, 1893

Original description: *Luehdorfia japonica* var. *chinensis* Leech, 1893; Butts. China, Japan, Corea (2): 491, pl. 33, f. 1.

Luehdorfia chinensis chinensis Leech, 1893

Type locality: China (not specified – NE China).

Synonyms: f. *meissneri* Bryk, 1938

China, Sichuan prov.

643. (Table IV, 643) ♂, "*Luehdorfia chinensis*" / China, Sichuan Prov., Hubei, Wuchiang. 18.03.1990. (Ex coll. V.A.Korolev, № P01520)

Luehdorfia japonica Leech, 1889

Original description: *Luehdorfia* sp. *japonica* Leech, 1889

Synonyms: f. *omikron* Bryk, 1932

Luehdorfia japonica japonica Leech, 1889

Type locality: "from Yesso and the Kurile Islands [...] at Gifu [...] at Bungo, Isle of Kiushiu".

Japan

644. (Table IV, 644) ♂, «*Luehdorfia japonica*» / Japan, Okinawa. 5.05.2009. (Ex coll. V.A.Korolev, № P01406).

Tribe *ZERYNTHINI* Grote, 1899

Genus *Sericinus* Westwood, 1851

Sericinus montela Gray, 1853

Original description: *Sericinus montela* Gray, 1852; Proc. zool. Soc. Lond. (1852): 71

Synonyms: *Papilio telamon* Donovan, 1798; Insects of China: pl. 27, f. 1 (preocc. by *Papilio telamon* Linnaeus, 1758) (TL: ?Beijing), *cressonii* Reakirt, [1865]; Proc. ent. Soc. Philad. 3 : 499 (TL: China); *hoenei* Hering, 1935.

Sericinus montela koreana Fixen, 1887

Type locality: "Korea [...] Umgebung von Pung-Tung").

North Korea



645. ♂, N.Korea, Pyomgyang, Repaxan Mts., 1-5.05.1996, ex larva, Timchenko A. (Ex coll. V.A.Korolev, № P00013);



646. ♀, N.Korea, Pyomgyang, Repaxan Mts., 1-5.05.1996, ex larva, Timchenko A. (Ex coll. V.A.Korolev, № P00014);

Type locality: "Amur mer. [...] im Sutschan-Gebiet, etwa 150 nordöstlich von Waldiwostok".

Synonyms: *Sericinus telamon* var. *amurensis* gen.vern. *telemachus* Staudinger, 1892; in Romanoff, Mém. Lépid. 6: 133;
Sericinus montelus.

Russia, Primorie



647. ♂, "Приморье, окр. Партизанска, д.Анисомовка, 20.07.2008, Бережной Ю.И." [Primorie, loc. Partizansk, Anisimovka village, 20.07.2008, Berezhnoj YuI] (Ex coll. V.A.Korolev, № P00798);



648. ♀, "Приморье, окр. Партизанска, д.Анисомовка, 20.07.2008, Бережной Ю.И." [Primorie, loc. Partizansk, Anisimovka village, 20.07.2008, Berezhnoj YuI] (Ex coll. V.A.Korolev, № P00800);
649. ♂, "Приморье, окр. Партизанска, д.Анисомовка, 20.07.2008, Бережной Ю.И." [Primorie, loc. Partizansk, Anisimovka village, 20.07.2008, Berezhnoj YuI] (Ex coll. V.A.Korolev, № P00794);
650. ♂, "Приморье, окр. Партизанска, д.Анисомовка, 20.07.2008, Бережной Ю.И." [Primorie, loc. Partizansk, Anisimovka village, 20.07.2008, Berezhnoj YuI] (Ex coll. V.A.Korolev, № P00795);
651. ♂, "Приморье, окр. Партизанска, д.Анисомовка, 20.07.2008, Бережной Ю.И." [Primorie, loc. Partizansk, Anisimovka village, 20.07.2008, Berezhnoj YuI] (Ex coll. V.A.Korolev, № P00796);

652. ♂, “Приморье, окр. Партизанска, д.Анисимовка, 20.07.2008, Бережной Ю.И.” [Primorie, loc. Partizansk, Anisimovka village, 20.07.2008, Berezhnoj Yul] (Ex coll. V.A.Korolev, № P00797);
653. ♀, “Приморье, окр. Партизанска, д.Анисимовка, 20.07.2008, Бережной Ю.И.” [Primorie, loc. Partizansk, Anisimovka village, 20.07.2008, Berezhnoj Yul] (Ex coll. V.A.Korolev, № P00801);
654. ♂, “Россия, Приморье, Шкотовский р-н, окр. д.Анисимовки, 23.07.-5.08.2011. leg. Бережной Ю.И.” [Russia, Primorie, Shkotovo distr.,m Anisimovka village, 23.07-5.08.2011, leg. Berezhnoj Yul] (Ex coll. V.A.Korolev, № P01063);
655. ♀, “Россия, Приморье, Шкотовский р-н, окр. д.Анисимовки, 23.07.-5.08.2011. leg. Бережной Ю.И.” [Russia, Primorie, Shkotovo distr.,m Anisimovka village, 23.07-5.08.2011, leg. Berezhnoj Yul] (Ex coll. V.A.Korolev, № P01064).

Genus *Bhutanitis* Atkinson, 1873

Bhutanitis mansfieldi (Riley, 1939)

Original description: *Armandia* sp. *mansfieldi* Riley, 1939; Entomologist 72: 207.

Note: only 3 specimens of this butterfly, described by Riley in 1939 on charges of M.Mansfield conducted him in 1918 in Yunnan, China (holotype ♀ "... ex coll. G. Forrest" in the British Museum Nat. history) has been known for a long time. In 1981 S.Umezawa found this butterfly north - in the mountains Kongashan, Sichuan, and has been described ssp. *pulchristriata* (holotype: ♀, 7.IV.1981, S. Umesawa leg. in coll. IZAS, Beijing).

Bhutanitis mansfieldi pulchristriata (Saigusa & Lee, 1982)

Type locality: "China, Sichuan, Prov. Lutien, Xinxing [...] (2,200 m)".

China, Sichuan



656. *Topotypus* ♂, China, Sichuan Prov., loc. Kanting, Mt. Kongashan, 4.04.2007. (Ex coll. V.A.Korolev, № P00679);
657. *Topotypus* ♂, “*Bhutanitis mansfieldi pulchristriata*” / China, Sichuan, Kanting, Mt. Kongashan, 12.05.2009. (Ex coll. V.A.Korolev, № P01312);
658. *Topotypus* ♂, China, Sichuan, Kanting, Mt. Kongashan. 19.04.2010. (Ex coll. V.A.Korolev, № P01138).

Bhutanitis thaidina (Blanchard, 1871)

Original description: *Armandia thaidina* Blanchard, 1871; C. R. hebd. Seanc. Acad. Sci., 72: 809, nota 3.

Bhutanitis thaidina melli Bryk, 1938

Type locality: "Taipeschan im Tsinling. S. Shensi" (Tibet, Shaanxi Province); holotypus: ♂, 25.VI.1935, H. Höne leg., (presumably coll. H. Höne, in coll. ZFMK, Bonn).

China, Shaanxi prov.



659. *Topotypus* ♂, China, Shaanxi prov., Tsinling, 25-30.08.2006, (Ex coll. V.A.Korolev, № P00010);
660. *Topotypus* ♂, China, Shaanxi prov., Tsinling, 25-30.08.2006, (Ex coll. V.A.Korolev, № P01139);
661. *Topotypus* ♂, "*Bhutanitis thaidina melli*" ♂ / China, Shaanxi prov., Tsinling, 15.05.2009. (Ex coll. V.A.Korolev, № P01311).

Genus *Zerynthia* Ochseneheimer, 1816

Subgenus *Allancastria* Bryk, 1934

Zerynthia (Allancastria) cerisyi (Godart, [1824])

Original description: *Thais cerisyi* Godart, 1819; Encyclopédie Méthodique. 9 (1): 234, pl. 20, f. 3-4.

Synonyms: *destrigata* Schultz, 1908; *flavomaculata* Schultz, 1908; *martini* Fruhstorfer, 1906.

Zerynthia (Allancastria) cerisyi cerisyi (Godart, [1824])

Type locality: Turkey.

Turkey

662. (Table IV, 662) *Topotypus* ♂, Turkuie, Izmir, Efes, Selcuk, 100 m, 16.04.1988. J.Verhulst leg. / Ex coll. V.A.Korolev, № P01411;
663. (Table IV, 663) *Topotypus* ♀, Turkuie, Anatolie, Kusadasi. 16.04.1986. F.Bollanf leg. / Ex coll. V.A.Korolev, № P01412.

Zerynthia (Allancastris) cerisyi goeksui Kuhna, 1977

Type locality: "Mut. Göksutal", Turkey.



664

665

Turkey

664. *Topotypus* ♂, Turkuie, Goksu Valley, 2 km avant Koselerli, route Silifke-Mut, 9.04.1986. J.Verhulst leg. (Ex coll. V.A.Korolev, № P01413);

665. *Topotypus* ♀, Turkuie, Goksu, Env. Kargicak, 200 m, 20-22.04.1987. Ph. Fastre - A.Legrain (Ex coll. V.A.Korolev, № P01414).

Zerynthia (Allancastris) cerisyi ferdinandi Stichel, 1907

Type locality: "vom Schipka-Pass [...] Lowetsch, Bulg. [...] (? Rumänien)".

Rumania



666. ♂, Romania, Dobrudsha-south. Near Baneasa, 15.05.2006, (Ex coll. V.A.Korolev, № P00456).



667. ♀, Romania, Dobrudsha-south. Near Baneasa, 15.05.2006, (Ex coll. V.A.Korolev, № P00457).

***Zerynthia (Allancastris) caucasica* (Lederer, 1864)**

Original description: *Thais cerisyi* var. *caucasica* Lederer, 1864; Wien. ent. Monats. 8 (5) : 165, pl. 3, f. 1-2.

***Zerynthia (Allancastris) caucasica caucasica* (Lederer, 1864)**

Type locality: "bei Kutais [...] in Imeretien" (Georgia, Kutaisi env.).

Synonyms: *cachetica* Sheljuzhko, 1927; *completa* Sheljuzhko, 1927; *melania* Sheljuzhko, 1927; *divisa* Sheljuzhko, 1927; *nigripuncta* Sheljuzhko, 1927.

Georgia

668. (Table IV, 668) ♂ "Грузия, мыс Пицунда, Мюсетский заповедник, 27.04.1986, Титов В." [Georgia, Pitzunda, Musetsky rezervat, 27.04.1986. Titov V. leg.] (Ex coll. V.A.Korolev, № P00007);

669. (Table IV, 669) ♀ "Грузия, мыс Пицунда, Мюсетский заповедник, 27.04.1986, Титов В." [Georgia, Pitzunda, Musetsky rezervat, 27.04.1986. Titov V. leg.] (Ex coll. V.A.Korolev, № P00008).

***Zerynthia (Allancastris) caucasica thatschukovi* Sheljuzhko, 1927**

Type locality: loc. Sochi, NW Caucasus (Krasnodar Territory).

Russia, Black-sea coast of Caucasus

670. *Topotypus* ♂, Russia, W.Caucasus, Sochi env., 30.04.2003, (Ex coll. V.A.Korolev, № P00009).

***Zerynthia (Allancastris) cretica* (Rebel, 1904)**

Original description: *Thais Cerisyi* var. *cretica* Rebel, 1904, Verh. Zool.-Bot. Ges. Wien 54: 2.

Variation and areal: endemic of Crete Is.

Zerynthia (Allancastris) cretica cretica (Rebel, 1904)

Type locality: "Kreta [...] im zentralen Teile der Insel bei Asitaes", Crete.

Synonyms: *cretica* f. *schulzi* Bryk, 1932.

Crete Is., Greece:



671. ♂, Crete, Lashiti, Vrissos-Roussakiana, 150-850 m, 9-12.04.1999. J.Verhulst leg. (Ex coll. V.A.Korolev, № P01407).

Zerynthia (Allancastris) deyrollei (Oberthür, 1869)

Original description: *Thais deyrollei* Oberthür, 1869, Petites Nouv. Ent. 1 (2): 3

Zerynthia (Allancastris) deyrollei eisneri Bernardi, 1970

Type locality: "Aintab", Turkey.

Liban:



672. ♂, "18 Liban – Mont Liban, Env. Barouk, N 33°41.846'-E35°40.803' / 110 m, 12.04.1999 / Dominique Dumont leg. (Ex coll. V.A.Korolev, № P01409)

Israel:



673. ♀, Israel, Galilee, Hare-Meron, 1100 m, 9.04.1985. J.Verhulst leg. (Ex coll. V.A.Korolev, № P01410).

***Zerynthia (Allancastria) louristana* (Le Cerf, 1908)**

Original description: *Thais Cerisyi* var. *louristana* Le Cerf, 1908

Zerynthia (Allancastria) louristana louristana (Le Cerf, 1908)

Type locality: "Perse [...] Montagnes du Ouristan : Tchabar Dooul à Kirmanchah (900 à 1.470 mètres d'altitude)", (Iran).

Iran

674. (Table IV, 674) ♂, Iran, Prov. Hamadan, Nehavand, 2000-2500 m, M.Zagros, 25-27.04.2000. Leg. Hac-z-Koszegi (Ex coll. V.A.Korolev, № P01408)

Subgenus *Zerynthia* Ochseneheimer, 1816

***Zerynthia (Zerynthia) polyxena* ([Denis & Schiffermüller], 1775)**

Original description: *Papilio polyxena* Denis & Schiffermüller, 1775; Ankündigung eines systematischen Werkes von den Schmetterlingen der Wienergegend: 162.

Zerynthia (Zerynthia) polyxena polyxena ([Denis & Schiffermüller], 1775)

Type locality: "Wien", (Austria).

Moldova

675. (Table IV, 675) ♂, Moldova, Chisinau (Kishinev) municipality, Ciocana, Colonita village. 27.04.2012. Leg. Bodnari I.I. (№ P01549);

676. (Table IV, 676) ♀, Moldova, Chisinau (Kishinev) municipality, Ciocana, Colonita village. 27.04.2012. Leg. Bodnari I.I. (№ P01550);

Ukraine, Transcarpathian



677. ♂, “Закарпатье, долина р.Тисы, г.Виноградов, 12.05.1993, Попов С.Г.” [Transcarpathian, Tisa-river valley, Vinogradov. 12.05.1993. Popov S.G. leg.] (Ex coll. V.A.Korolev, № P00030);
678. ♂, “Закарпатье, долина р.Тисы, г.Виноградов, 12.05.1993, Попов С.Г.” [Transcarpathian, Tisa-river valley, Vinogradov. 12.05.1993. Popov S.G. leg.] (Ex coll. V.A.Korolev, № P00031).

Russia, Lipetsk Region

679. ♂, “Россия, г.Липецк, 1.04.1992, ex ovo, Алявдин В.А. leg.” [Russia, Lipetsk. 1.04.1992, ex ovo, Alyavdin V.A. leg.] (Ex coll. V.A.Korolev, № P00027);
680. ♂, “Россия, г.Липецк, 1.04.1992, ex ovo, Алявдин В.А. leg.” [Russia, Lipetsk. 1.04.1992, ex ovo, Alyavdin V.A. leg.] (Ex coll. V.A.Korolev, № P00028);
681. ♂, “Россия, г.Липецк, 2.04.1992, ex ovo, Алявдин В.А. leg.” [Russia, Lipetsk. 2.04.1992, ex ovo, Alyavdin V.A. leg.] (Ex coll. V.A.Korolev, № P00029).

Russia, North Caucasus

682. ♂, Russia, Stavropol prov., Debry st., Kokurtly Mt., 500 m, 15.05.2003, leg. Birukov A.N. (Ex coll. V.A.Korolev, № P00458);



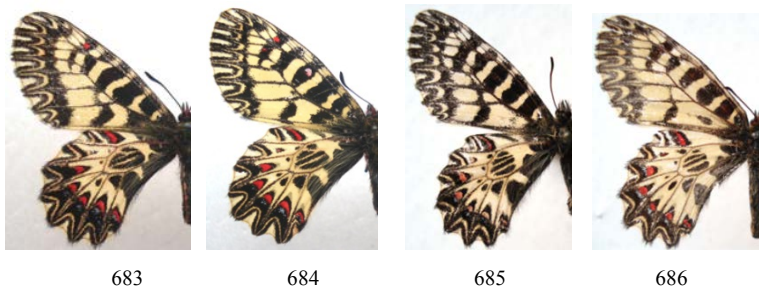
683. *Aberration* ♀, Russia, Stavropol prov., Debry st., Kokurtly Mt., 500 m, 15.05.2003, leg. Birukov A.N. (Ex coll. V.A.Korolev, № P00459).

Zerynthia (Zerynthia) polyxena cassandra (Geyer, 1828)

Type locality: Alpes Maritimes (Italy).

Italy

684. ♂, Central Italy, Toscana, Collesalvetti (Li) 100 m, 2.04.2011. Giuseppe Vignari leg. (Ex coll. V.A.Korolev, № P01442);
685. ♀, Central Italy, Toscana, Collesalvetti (Li) 100 m, 2.04.2011. Giuseppe Vignari leg. (Ex coll. V.A.Korolev, № P01443).



Zerynthia (Zerynthia) polyxena thesto Fruhstorfer, 1908

Type locality: loc. Saratov (Russia).

Note: some authors considered this taxon as a synonym of nominative species.

Russia, Saratov reg.

686. *Topotypus* ♂, S.Russia, Loc. Saratov city, 10.05.2002. (Ex coll. V.A.Korolev, № P00055);
687. *Topotypus* ♀, S.Russia, Loc. Saratov city, 10.05.2002. (Ex coll. V.A.Korolev, № P00056);
688. *Topotypus* ♂, “Россия, Саратов, 3-я Дачная, 13.05.1998. leg. Гундоров С.Б.” [Russia, Saratov, 3th Dachnaya, 13.05.1998, leg. Gundorov SB]. (Ex coll. V.A.Korolev, № P01039);
689. *Topotypus* ♂, “Россия, Саратов, 3-я Дачная, 13.05.1998. leg. Гундоров С.Б.” [Russia, Saratov, 3th Dachnaya, 15.05.1998, leg. Gundorov SB]. (Ex coll. V.A.Korolev, № P01041);
690. *Topotypus* ♂, “Россия, Саратов, 3-я Дачная, 13.05.1998. leg. Гундоров С.Б.” [Russia, Saratov, 3th Dachnaya, 15.05.1998, leg. Gundorov SB]. (Ex coll. V.A.Korolev, № P01042);
691. *Topotypus* ♂, “Россия, Саратов, 3-я Дачная, 13.05.1998. leg. Гундоров С.Б.” [Russia, Saratov, 3th Dachnaya, 15.05.1998, leg. Gundorov SB]. (Ex coll. V.A.Korolev, № P01043);
692. *Topotypus* ♀, “Россия, Саратов, 3-я Дачная, 13.05.1998. leg. Гундоров С.Б.” [Russia, Saratov, 3th Dachnaya, 14.05.1998, leg. Gundorov SB]. (Ex coll. V.A.Korolev, № P01040);



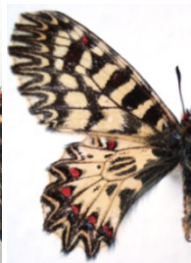
694



704



736



738

Russia, Volgograd reg.

693. ♂, “Волгоградская обл., Волго-Ахтубинская пойма, г.Краснослободск, 10.05.2003, Самусь А.” [Volgograd reg., Volga-Ahtuba floodplain, Krasnoslobodsk, 10.05.2003, Samus A.] (Ex coll. V.A.Korolev, № P00032);
694. ♂, SE. Russia, Volgograd, 10.05.2003 (“Волго-Ахтубинская пойма, Краснослободск”), Samus A. (Ex coll. V.A.Korolev, № P00033);
695. ♂, SE. Russia, Volgograd, 10.05.2003 (“Волго-Ахтубинская пойма, Краснослободск”), Samus A. (Ex coll. V.A.Korolev, № P00034);
696. ♂, SE. Russia, Volgograd, 10.05.2003 (“Волго-Ахтубинская пойма, Краснослободск”), Samus A. (Ex coll. V.A.Korolev, № P00035);
697. ♂, SE. Russia, Volgograd, 10.05.2003 (“Волго-Ахтубинская пойма, Краснослободск”), Samus A. (Ex coll. V.A.Korolev, № P00036);
698. ♂, SE. Russia, Volgograd, 10.05.2003 (“Волго-Ахтубинская пойма, Краснослободск”), Samus A. (Ex coll. V.A.Korolev, № P00037);
699. ♂, SE. Russia, Volgograd, 10.05.2003 (“Волго-Ахтубинская пойма, Краснослободск”), Samus A. (Ex coll. V.A.Korolev, № P00038);
700. ♂, SE. Russia, Volgograd, 10.05.2003 (“Волго-Ахтубинская пойма, Краснослободск”), Samus A. (Ex coll. V.A.Korolev, № P00039);
701. ♂, “Волгоградская обл., окр. Волгограда, Волго-Ахтубинская пойма, 3.05.2004, Самусь А.” [Volgograd reg., loc. Volgograd, Volga-Ahtuba floodplain, 3.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00040);
702. ♂, Волгоградская обл., окр. Волгограда, Волго-Ахтубинская пойма, 3.05.2004, Самусь А. [Volgograd reg., loc. Volgograd, Volga-Ahtuba floodplain, 3.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00041);
703. ♂, Волгоградская обл., окр. Волгограда, Волго-Ахтубинская пойма, 3.05.2004, Самусь А. [Volgograd reg., loc. Volgograd, Volga-Ahtuba floodplain, 3.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00042);
704. ♂, Волгоградская обл., окр. Волгограда, Волго-Ахтубинская пойма, 3.05.2004, Самусь А. [Volgograd reg., loc. Volgograd, Volga-Ahtuba floodplain, 3.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00043);
705. ♂, 3.05.2004, S.Russia, Volgograd-city, Volga-Achtuba floodplain, Samus A. (Ex coll. V.A.Korolev, № P00044);
706. ♂, 3.05.2004, S.Russia, Volgograd-city, Volga-Achtuba floodplain, Samus A. (Ex coll. V.A.Korolev, № P00045);

707. ♂, 3.05.2004, S.Russia, Volgograd-city, Volga-Achtuba floodplain, Samus A. (Ex coll. V.A.Korolev, № P00046);
708. ♂, 3.05.2004, S.Russia, Volgograd-city, Volga-Achtuba floodplain, Samus A. (Ex coll. V.A.Korolev, № P00047);
709. ♂, “Волгоградская обл., окр. Волгограда, Волго-Ахтубинская пойма, 9.05.2004, Самусь А.” [Volgograd reg., loc. Volgograd, Volga-Ahtuba floodplain, 9.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00048);
710. ♂, “Волгоградская обл., окр. Волгограда, Волго-Ахтубинская пойма, 9.05.2004, Самусь А.” [Volgograd reg., loc. Volgograd, Volga-Ahtuba floodplain, 9.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00049);
711. ♂, “Волгоградская обл., окр. Волгограда, Волго-Ахтубинская пойма, 9.05.2004, Самусь А.” [Volgograd reg., loc. Volgograd, Volga-Ahtuba floodplain, 9.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00050);
712. ♂, “Волгоградская обл., окр. Волгограда, Волго-Ахтубинская пойма, 9.05.2004, Самусь А.” [Volgograd reg., loc. Volgograd, Volga-Ahtuba floodplain, 9.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00051);
713. ♂, “Волгоградская обл., окр. Волгограда, Волго-Ахтубинская пойма, 9.05.2004, Самусь А.” [Volgograd reg., loc. Volgograd, Volga-Ahtuba floodplain, 9.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00052);
714. ♂, 9.05.2004, S.Russia, Volgograd-city, Volga-Achtuba floodplain, Samus A. (Ex coll. V.A.Korolev, № P00053);
715. ♂, 9.05.2004, S.Russia, Volgograd-city, Volga-Achtuba floodplain, Samus A. (Ex coll. V.A.Korolev, № P00054);
716. ♀, “Волгоградская обл., окр. Волгограда, Волго-Ахтубинская пойма, 9.05.2004, Самусь А.” ([Volgograd reg., loc. Volgograd, Volga-Ahtuba floodplain, 9.05.2004, Samus A. leg.] Ex coll. V.A.Korolev, № P00057);
717. ♀, 9.05.2004, S.Russia, Volgograd-city, Volga-Achtuba floodplain, Samus A. (Ex coll. V.A.Korolev, № P00058);
718. ♀, 9.05.2004, S.Russia, Volgograd-city, Volga-Achtuba floodplain, Samus A. (Ex coll. V.A.Korolev, № P00059);
719. ♀, 9.05.2004, S.Russia, Volgograd-city, Volga-Achtuba floodplain, Samus A. (Ex coll. V.A.Korolev, № P00060);
720. ♀, “окр. Волгограда, п.Горная Поляна, 30.05.2004, Кузнецов Г.В.” [loc. Volgograd, Gornaya Polyana. 30.05.2004. Kuznetsov G.V.] (Ex coll. V.A.Korolev, № P00061);
721. ♂, “окр. Волгограда, п.Горная Поляна, 30.05.2004. Кузнецов Г.А.” [loc. Volgograd, Gornaya Polyana. 30.05.2004. Kuznetsov G.V.] (Ex coll. V.A.Korolev, № P00951);
722. ♂, “окр. Волгограда, п.Горная Поляна, 30.05.2004. Кузнецов Г.В.” [loc. Volgograd, Gornaya Polyana. 30.05.2004. Kuznetsov G.V.] (Ex coll. V.A.Korolev, № P00952);
723. ♂, “Россия, Волгоградская обл., Волго-Ахтубинская пойма, балка Песчаная, 3.05.2004. Самусь А. Leg.” [Russia, Volgograd reg., Volga-Ahtuba floodplain, Peschanaya, 3.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00953);
724. ♂, “Россия, Волгоградская обл., Волго-Ахтубинская пойма, балка Песчаная, 3.05.2004. Самусь А. Leg. ” [Russia, Volgograd reg., Volga-Ahtuba floodplain, Peschanaya, 3.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00954);
725. ♂, “Россия, Волгоградская обл., Волго-Ахтубинская пойма, балка Песчаная, 3.05.2004. Самусь А. Leg. ” [Russia, Volgograd reg., Volga-Ahtuba floodplain, Peschanaya, 3.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00955);

726. ♂, “Россия, Волгоградская обл., Волго-Ахтубинская пойма, балка Песчаная, 3.05.2004. Самусь А. Лег.” [Russia, Volgograd reg., Volga-Ahtuba floodplain, Peschanaya, 3.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00956);
727. ♂, “Россия, Волгоградская обл., Волго-Ахтубинская пойма, балка Песчаная, 3.05.2004. Самусь А. Лег.” [Russia, Volgograd reg., Volga-Ahtuba floodplain, Peschanaya, 3.05.2004, Samus A. leg.] (Ex coll. V.A.Korolev, № P00957);
728. ♂, *Zerynthia polyxena*/♂ / Russia, Volgograd reg. / Leninsk distr. / Zubarevka vil. Env. / Date: 09.05.2010/ Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01026);
729. ♂, *Zerynthia polyxena*/♂ / Russia, Volgograd reg. / Leninsk distr. / Zubarevka vil. Env. / Date: 09.05.2010/ Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01027);
730. ♂, *Zerynthia polyxena*/♂ / Russia, Volgograd reg. / Leninsk distr. / Zubarevka vil. Env. / Date: 09.05.2010/ Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01028);
731. ♀, *Zerynthia polyxena*/♂ / Russia, Volgograd reg. / Leninsk distr. / Zubarevka vil. Env. / Date: 09.05.2010/ Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01029);
732. ♂, *Zerynthia polyxena*/ssp. *thesto* /♂ / Russia, Volgograd reg. / Staropoltavskiyi distr. / Saltovo vil. env. / Date: 21.05.2010/ Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01030);
733. ♂, Russia, Volgograd region, Leninsk distr., Zubarevka vil. Env., 9.05.2010. Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01072);
734. ♂, Russia, Volgograd region, Leninsk distr., Kolobovka vil., Akhtuba riv. Floodplane, 14.05.2011, Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01074);
735. ♀, Russia, Volgograd region, Leninsk distr., Zubarevka vil. Env., 9.05.2010. Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01073);
736. ♀, Russia, Volgograd region, Leninsk distr., Zubarevka vil. Env., 9.05.2010. Leg. Samus A.N. (Ex coll. V.A.Korolev, № P01075);
737. ♀, South Russia, Volgograd region, Olkhovka distr., Stefanidovka vil. env. 2.05.2011. leg. Samus A.N. (Ex coll. V.A.Korolev, № P01076);

Kazakhstan

738. ♂, N.W.Kazakhstan, loc. Uralsk (Oral), 13.05.2001. (Ex coll. V.A.Korolev, № P00949);
739. ♂, N.W.Kazakhstan, loc. Uralsk (Oral), 13.05.2001. (Ex coll. V.A.Korolev, № P00950).

Zerynthia (Zerynthia) rumina (Linnaeus, 1758)

Original description: *Papilio rumina* Linnaeus, 1758; Syst. Nat. (Edn 10) 1 : 480

Zerynthia (Zerynthia) rumina andalusiana Stichel, 1907

Type locality: Gibraltar, Andalusia, (Spain).

Spain, Andalusia

740. ♂ Espana, Jerez de la Frontera (Cadiz), 24.02.1985, A.Corralleno (Ex coll. V.A.Korolev, № P00015);
741. (Table IV, 741) ♂ Espana, Pena de Alajar (Huelva), 1.04.1995, R.Vazquez leg. (Ex coll. V.A.Korolev, № P00017);



742. ♂ Espana, Pena de Alajar (Huelva), 1.04.1995, R.Vazquez leg. (Ex coll. V.A.Korolev, № P00016);

743. ♀ Espana, Pena de Alajar (Huelva), 1.04.1995, R.Vazquez leg. (Ex coll. V.A.Korolev, № P00018).



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Zerynthia (Zerynthia) rumina catalonica de Sagarra y Castellarnau, 1930

Type locality: Catalonia (Spain).

Spain, Valencia

744. ♂ Espana, Paterna (Valencia), 23.04.1980, A.Corralleno (Ex coll. V.A.Korolev, № P00019);

745. ♂ Espana, Paterna (Valencia), 23.04.1980, A.Corralleno (Ex coll. V.A.Korolev, № P00020);

746. ♂ Espana, Paterna (Valencia), 23.04.1980, A.Corralleno (Ex coll. V.A.Korolev, № P00021);

747. ♀ Espana, Paterna (Valencia), 23.04.1980, A.Corralleno (Ex coll. V.A.Korolev, № P00022).

Zerynthia (Zerynthia) rumina castilliana F.Rühl, 1892

Type locality: Castillia, Spain.

Spain

748. ♂, Espana, Calatayud (Zaragoza), 20.04.1996, A.Corralleno (Ex coll. V.A.Korolev, № P00023);

749. ♂, Espana, Calatayud (Zaragoza), 20.04.1996, A.Corralleno (Ex coll. V.A.Korolev, № P00024);

750. ♂, Espana, Calatayud (Zaragoza), 2.05.2000, A.Corralleno (Ex coll. V.A.Korolev, № P00025);
751. ♂, Espana, Calatayud (Zaragoza), 6.05.2000, A.Corralleno (Ex coll. V.A.Korolev, № P00026).

Zerynthia (Zerynthia) rumina cantabricae Gomez-Bustillo, 1971

Type locality: “Puerto de Pozazal, Santander”, Spain.

N.Spain



752. *Topotypus* ♂, N Spain, Santander, Puerto de Pazazal, 600 m, 20.05.2008. / Ex coll. Korolev V.A., № P01954;

Subfamily *PAPILIONINAE* Latreille, [1802]

Tribe *Leptocircini* Kirby, 1896

Genus *Lamproptera* Gray, 1832

Lamproptera meges (Zinken-Sommer, 1831)

Original description: *Papilio meges* Zinken, 1831; Nova Acta physico-med. [Leop. Carol.] 15 (1): 161, pl. 15, f. 8.

Synonyms: *Leptocircus meges squamosus* van Eecke, 1913; Notes Leyden Mus. 35: 193, (TL: Pulu Babi).



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Lamproptera meges ennius (C. & R. Felder, 1865)

Type locality: «Celebes», Sulawesi Is., Indonesia (north and central).

Indonesia, Sulawesi Is. (central)

753. ♂, Indonesia, Centr. Sulawesi, Palolo Palu, 25.07.1997. Ex coll. Korolev V.A. (№ P01268).

Lamproptera meges akirai Tsukada & Nishiyama, 1980

Type locality: S. «Celebes» (South Sulawesi Is., Indonesia)

Indonesia, Sulawesi Is.(south)

754. ♂, Indonesia, S. Sulawesi, Bantimurung, 14.11.2009. Ex coll. Korolev V.A (№ P01267);

755. ♂, Indonesia, SE Sulawesi, loc. Kendari, 16-20.03.2011. Ex coll. Korolev V.A. (№ P01378).

Lamproptera meges decius (C. & R. Felder, 1862)

Type locality: «Luzon», Philippines.

Synonyms: *Leptocircus wilsonii* Reakirt, [1865]; Proc. ent. Soc. Philad. 3: 495, (TL: «Philippines»).

Philippines, Luzon Is.

756. *Topotypus* ♂, Philippines, Luzon Isl., 5.12.2007. Ex coll. Korolev V.A. (№ P00759).

Lamproptera meges pessimus Fruhstorfer, 1909

Type locality: «Palawan [...], Balabac», Philippines.

Synonyms: *Leptocircus meges* ssp. *pessimus* Fruhstorfer, 1909 (junior subjective synonym).

Philippines, Palawan Is.

757. *Topotypus* ♂, Philippines, Palawan, December 2004. Ex coll. Korolev V.A. (№ P00843)

Lamproptera meges virescens (Butler, [1870])

Type locality: «Hainan, Birma, Shan St. Siam, Malakka», China, Myanmar, Thailand.

Synonyms: *Leptocircus meges pallidus* Fruhstorfer, 1909; Soc. ent. 24(9):68. (TL: Tonkin).

Myanmar (Burma)

758. ♂, E. Myanmar (Burma), Chengtun loc., 5.06.2011. Ex coll. Korolev V.A. (№ P01773).

Thailand

759. ♂, N.Thailand, Chiang Mai, 15.04.2011. Ex coll. Korolev V.A. (№ P01376);

760. ♀, N.Thailand, Chiang Mai, 15.04.2011. Ex coll. Korolev V.A. (№ P01377);

761. ♂, Thailand. Chiang Mai, 10-16.10.2012. Ex coll. Korolev V.A. (№ P01543);

762. ♂, Thailand. Chiang Mai, 10-16.10.2012. Ex coll. Korolev V.A. (№ P01544);

763. ♀, Thailand. Chiang Mai, 10-16.10.2012. Ex coll. Korolev V.A. (№ P01545).

Malaysia

764. ♀, W. Malaysia, Cameron Highlands. 15.10.2011. Ex coll. Korolev V.A. (№ P01505);

765. ♂, W. Malaysia, Cameron Highlands. 15.10.2011. Ex coll. Korolev V.A. (№ P01506).

Lamproptera curius (Fabricius, 1787)

Original description: *Papilio curius* Fabricius, 1787; Mantissa Insectorum 2: 9, no. 71.

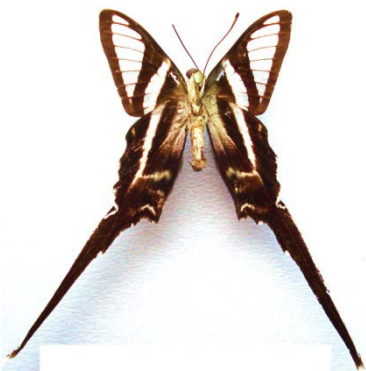
Lamproptera curius curius (Fabricius, 1787)

Type locality: “Siam” (not designated)

Myanmar (Burma)

766. ♂, Myanmar. Shan province, ab. 15 km N Hsipaw. Tu river (22.42N 97.20E) 1-4.08.2005. leg. A. Sokolov / Ex coll. Korolev V.A. (№ P01783);

767. ♂, Myanmar. Shan province, ab. 15 km N Hsipaw. Tu river (22.42N 97.20E) 1-4.08.2005. leg. A. Sokolov / Ex coll. Korolev V.A. (№ P01784);



768. ♂, Myanmar. Shan province, ab. 15 km N Hsipaw. Tu river (22.42N 97.20E) 1-4.08.2005. leg. A. Sokolov / Ex coll. Korolev V.A. (№ P01782);

769. ♂, Myanmar. Shan province, ab. 15 km N Hsipaw. Tu river (22.42N 97.20E) 1-4.08.2005. leg. A. Sokolov / Ex coll. Korolev V.A. (№ P01785).

Malaysia

770. ♂, «*Lamproptera curius* F. ♂», Malaysia, Kelantan. 23.11.2004. Ex coll. Korolev V.A (№ P01269);

771. ♂, W. Malaysia, Cameron Highlands. 15.10.2011. Ex coll. Korolev V.A. (№ P01507);

772. ♂, W. Malaysia, Cameron Highlands. 15.10.2011. Ex coll. Korolev V.A. (№ P01508).

Thailand

773. ♂, Thailand, Yala loc., 10-15.10.2011. Ex coll. Korolev V.A. (№ P01509);

774. ♂, Thailand, Yala loc., 10-15.10.2011. Ex coll. Korolev V.A. (№ P01510).

Lamproptera curius walkeri (Moore, 1902)

Type locality: “Hong Kong”.

China, Guangxi prov.

775. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01898;

776. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01899;

777. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01900;

778. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01915;

779. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01916.



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Genus *Eurytides* Hübner, [1821]

***Eurytides dolicaon* (Cramer, [1775])**

Original description: *Papilio dolicaon* Cramer, [1775]; Uitl. Kapellen 1 (1-7): 25, pl. 17, f. C, D.

Eurytides dolicaon deileon (C. & R. Felder, 1865)

Type locality: "Bogota" (Colombia)

Peru

780. (Table V, 780) ♂, Peru, Uanuko prov., Tingo Maria, 10.1996. Ex coll. Korolev V.A. (№ P00857);

***Eurytides serville* (Godart, [1824])**

Original description: *Papilio serville* Godart, [1824]; Encyclopédie Méthodique. 9 (2): 809.

Eurytides serville serville (Godart, [1824])

Type locality: "Amer. Merid." (Peru?).

Peru

781. (Table V, 781) ♂, Peru, Uanuko prov., Tingo Maria, 10.1996. Ex coll. V.A.Korolev (№ P00858);

782. ♂, Peru, Tingo Maria, 03.1997. Ex coll. Korolev V.A. (№ P00859);

783. ♂, N. Peru, San Martin Province, Juanjuy, 16.10.2003. Ex coll. Korolev V.A. (№ P01209);

784. ♂, N. Peru, San Martin Province, Juanjuy, 10.10.2000. Ex coll. Korolev V.A. (№ P01210);

785. ♂, C.Peru, Lima, Callao, Jorge Chaves vic., 14.07.2003. Ex coll. Korolev V.A (№ P01211);

786. ♂, N.-E. Peru. Amazonas Region, Rodriguez de Mendoza Province, 6.05.1998. Ex coll. Korolev V.A. (№ P01212);

Eurytides columbus (Kollar, 1850)

Original description: *Papilio columbus* Kollar, 1850; Denkschr. Akad. Wiss. Wien. 1: 351, pl. 42, f. 1-2

Type locality: "Venezuela ad ripas fluminis Meta" (Rio Meta, Colombia).

Synonyms: *hippodamus* Doubleday, [1845]; *burtoni* Reakirt, 1868; *hippodamus* var. *fulva* Oberthür, 1879.

Note: some authors considered it as ssp. of *serville* Godt., 1824 (Lamas, 1995: 56; 2004:88; Häuser C.L. et al., 2002), another – as a separate species (Munroe, 1961: 41; Hancock, 1983: 46; Savela. 1999-2011).

Colombia

787. (Table V, 787) ♂, Columbia, loc. Bogota, 05.1988. Ex coll. Korolev V.A. (№ P00860).

Genus *Protographium* Munroe, [1961]

Note: some authors considering butterflies of this genus as a genus *Neographium* Möhn, 2002.

Protographium agesilau (Guérin & Percheron, 1835)

Original description: *Papilio agesilau* Guérin-Méneville & Percheron, 1835; Gen. Ins. Lep: pl. 1.

Protographium agesilau agesilau (Guérin & Percheron, 1835)

Type locality: «R. Magdalena, Colombia».

Peru

788. (Table V, 788) ♂, N.-E. Peru. Amazonas Region, Rodriguez de Mendoza Province, 6.05.1998. Ex coll. Korolev V.A. (№ P01214);

789. ♂, Peru, Uanuko prov., Tingo Maria, 16.02.2006. Ex coll. Korolev V.A. (№ P00864);

790. ♂, Peru, Loreto prov., Iquitos, 18.10.1996. Ex coll. Korolev V.A. (№ P00865);

791. ♂, N.-E. Peru. Amazonas Region, Rodriguez de Mendoza Province, 6.05.1998. Ex coll. Korolev V.A. (№ P01213);

792. ♂, N.-E. Peru. Amazonas Region, Rodriguez de Mendoza Province, 6.05.1998. Ex coll. Korolev V.A. (№ P01215);

793. ♂, N. Peru, San Martin Province, Juanjuy, 15.08.2003. Ex coll. Korolev V.A. (№ P01248);

794. ♀, N.-E. Peru. Amazonas Region, Rodriguez de Mendoza Province, 6.05.1998. Ex coll. Korolev V.A. (№ P01216).

Protographium epidaus (Doubleday, 1846)

Original description: *Papilio epidaus* Doubleday, 1846; *Gen. diurn. Lep.* (1): 15, pl. 3, f. 1.

Protographium epidaus epidaus (Doubleday, 1846)

Type locality: Mexico, Yucatán; Honduras.

Mexico



795. ♂, “*Protographium e. epidaus*” / Mexico Veracruz, Catemaco loc., 12.08.2013. Ex coll. Korolev V.A., № P01827.

Protographium asius (Fabricius, 1781)

Original description: *Papilio asius* Fabricius, 1781; Spec. Ins. 2: 5.

Protographium asius asius (Fabricius, 1781)

Type locality: not designated (“S.Amer.”): probably loc. Rio de Janeiro, Brazil.

Synonyms: *Papilio astyagas* Drury, 1782; Illust. Nat. Hist. Exot. Insects 3 : 47, pl. 35, f. 4, TL: Brazil, Rio de Janeiro; *Papilio manlius* Perty, [1833]; in Spix & Martius, Delectus Anim. articularotum Brasil: 151, pl. 29, f. 1 (preocc. Fabricius, 1798), TL: Brazil, Minas Gerais; *f. albofasciatus* (Zikán, 1937) (*Papilio*); TL: Brazil, Rio de Janeiro.

Brazil

796. (Table V, 796) ♂, Brazil, 18.09.2008. Ex coll. Korolev V.A. (№ P00917).

Protographium dioxippus (Hewitson, [1856])

Original description: *Papilio dioxippus* Hewitson, 1856; Ill. exot. Butts [1] (*Papilio* II): [3], pl. [2], f. 3-4, TL: New Granada.

Protographium dioxippus diores (Rothschild & Jordan, 1906)

Type locality: “Peru” (Peru).

Peru

797. (Table V, 797) ♂, Peru, Uanuko prov., Tingo Maria, 14.04.2005. Ex coll. Korolev V.A. (№ P00862);

798. ♂, Peru, Loreto, Momon River, San Juan de Polis. 5.03.2005. Ex coll. Korolev VA (№ P00697).

Protographium leucaspis (Godart, 1819)

Original description: *Papilio leucaspis* Godart, 1819; Encyclopédie Méthodique. 9 (1): 55, TL: "Peru?"

Protographium leucaspis leucaspis (Godart, 1819)

Type locality: "Peru?" (Peru).

Peru

799. (Table V, 799) ♂, Peru, Tingo Maria, May 2005. Ex coll. Korolev V.A. (№ P00861);

800. ♂, N.-E. Peru. Amazonas Region, Rodriguez de Mendoza Province, 11.01.2003. Ex coll. Korolev V.A. (№ P01208).

Protographium thyastes (Drury, 1782)

Original description: *Papilio thyastes* Drury, 1782; Illust. Nat. Hist. Exot. Insects 3 : 47, pl. 35, TL: Brazil, Rio de Janeiro.

Protographium thyastes thyastinus (Oberthür, 1879)

Type locality: Ecuador.

Peru

801. (Table V, 801) ♂, Peru, Loreto, Momon River, San Juan de Polis. 8.02.2007. Ex coll. Korolev V.A. (№ P00710).

Protographium marcellus (Cramer, 1777)

Original description: *Papilio marcellus* Cramer, [1777]; Uitl. Kapellen 2 (9-16): 4, pl. 98, f. F, G.

Protographium marcellus marcellus (Cramer, 1777)

Type locality: Virginia, USA.

Synonyms: *telamonides* (C. Felder & R. Felder, 1864).

USA, South Carolina

802. (Table V, 802) ♂, «*Eurytides marcellus* f. *telamonides* ♂» / USA, South Carolina, Aiken Co, 16.04.2008. Ex coll. Korolev V.A. (№ P01183).

Protographium philolaus Boisduval, 1836

Original description: *Papilio philolaus* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1 : 256

Protographium philolaus philolaus Boisduval, 1836

Type locality: "Mexique", Mexico.

Mexico



803. ♂, Mexico, Guerrero. 12.07.2002 / Ex coll. Korolev V.A., № P01972.

Genus *Protesilaus* Swainson, [1832]

***Protesilaus protesilaus* (Linnaeus, 1758)**

Original description: *Papilio protesilaus* Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 463, TL: "America septentrionali" [South America, Guianas?].

***Protesilaus protesilaus archesilaus* (Felder & Felder, 1865)**

Type locality: Nova Granada, Bogotá.

Synonyms: *Papilio protesilaus rubrocinctus* Eimer, 1889; Artb. Verwandtsch. Schmett. [1]: 106 [?], TL: Colombia; =*Papilio pumilus* Röber, 1926; TL: Colombia.

Peru

804. (Table V, 804) ♂, N. Peru, San Martin Province, Juanjuy, 16.08.2003. Ex coll. Korolev V.A. (№ P01217).

***Protesilaus aguiari* (D'Almeida, 1937)**

Original description: *Iphiclides aguiari* d'Almeida, 1937;

Type locality: «Brazil, Pará».

Synonyms: *Papilio aristosilaus* Zikán, 1937; TL: «Brazil, Amazonas».

Peru

805. (Table V, 805) ♂, Peru, loc. Ikitos, 14.04.2007. Ex coll. Korolev V.A. (№ P00688).

Protesilaus stenodesmus (Rothschild & Jordan, 1906)

Original description: *Papilio stenodesmus* Rothschild & Jordan, 1906; Novit. Zool. 13 (3): 722, pl. 9, f. 68.

Type locality: «Paraguay».

Argentina

806. (Table V, 806) ♂, Argentina, Dos de Mayo. Misiones. 500 m, 3.10.2006. Ex coll. Korolev V.A., № P00699.

Protesilaus telesilaus (Felder & Felder, 1864)

Original description: *Papilio telesilaus* C. & R. Felder, 1864; Verh. zool.-bot. Ges. Wien 14 (3) : 301.

Protesilaus telesilaus telesilaus (Felder & Felder, 1864)

Type locality: "Amazonia, Nova Granada, Brasilia austral."

Peru

807. (Table V, 807) ♂, Peru, Uanuko prov., Tingo Maria, 13.02.2006. Ex coll. Korolev V.A. (№ P00863);

808. ♂, Peru, Loreto, 18.09.2007. Ex coll. Korolev V.A. (№ P00926).

Genus *Iphiclides* Hübner, [1819]

Iphiclides podalirius (Linnaeus, 1758)

Original description: *Papilio Podalirius* Linnaeus, 1758; Syst. Nat. (Edn 10) 1 : 463 nota.

Iphiclides podalirius podalirius (Linnaeus, 1758)

Type locality: "Europae australis & Africae Brassica", Livorno, Toscana (Italy).

Synonyms: *Podalirius europaeus* Swainson, 1833; *podalirius* var. *zanclaeus* Zeller, 1847 (TL: Messina, Sicily); *smirnensis* Eimer, 1889; *inalpina* Verity, 1911; *valesiaca* Verity, 1911; *interjecta* Verity, 1911; *creta* Verity, 1911 (TL: Greece, Athens);

Note: List of Synonyms, aberrations and individual forms have been given in Lenpke (1932, 1933), Verity (1947), Bridges (1988) and Recheli & Cotton (2009).

Slovenia

809. ♂ *gen. aest.*, Slovenia, Kocevje vicinity, 1.07.2012. Ex coll. Korolev V.A., № P01837.

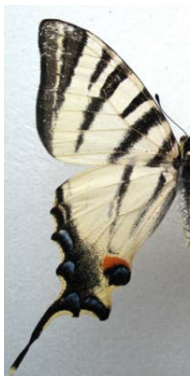
Croatia

810. ♀ *gen. aest.*, Croatia, loc. Seget Vranjica, 8.07.2013. S.V. & V.S.Korolev lg. (Ex coll. Korolev V.A., № P01649);

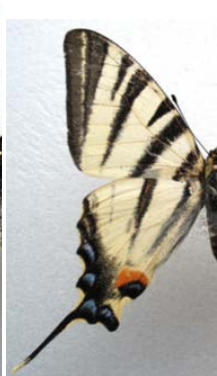
811. ♀ *gen. aest.*, Croatia, Ciovo Isl., loc. Okrug Gornji, 19.07.2013. S.V. & V.S.Korolev lg. (Ex coll. Korolev V.A., № P01651);



809



812



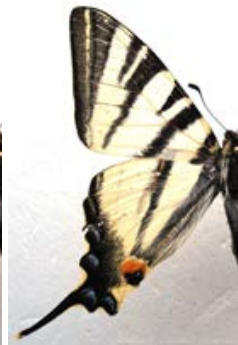
813



814



815



816



817



820

812. ♂ *gen.aest.*, Croatia, loc. Labin, 400-500 m, 13.07.2013. S.V. & V.S.Korolev lg. (Ex coll. Korolev V.A., № P01650);

813. ♀ *gen.aest.*, Croatia, Ciovo Isl., loc. Okrug Gornji, 19.07.2013. S.V. & V.S.Korolev lg. (Ex coll. Korolev V.A., № P01652).

Montenegro

814. ♂ *gen.vern.*, Montenegro, Herceg-Novi vicinity, 22.05-20.06.2014. Romanenko A.V. leg. / Ex coll. Korolev V.A., № P01833;

815. ♂ *gen.vern.*, Montenegro, Herceg-Novi vicinity, 22.05-20.06.2014. Romanenko A.V. leg. / Ex coll. Korolev V.A., № P01834.

Serbia

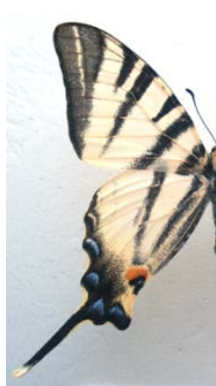
816. ♂ *gen.vern.*, Republik of Serbia, loc. Rashka, 20.06.2014. Ex coll. Korolev V.A., № P01836.

Greece, Ionian Islands

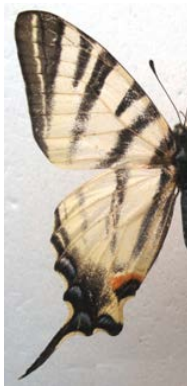
817. ♂, *gen. aestiva*, Greece, Zakynthos Isl., Tsilivi vil., 4-11.07.2011, Korolev S.V. leg. (Ex coll. Korolev V.A., № P01000);
818. ♂, *gen. aestiva*, Greece, Zakynthos Isl., Tsilivi vil., 4-11.07.2011, Korolev S.V. leg. (Ex coll. Korolev V.A., № P01001);
819. ♀, *gen. aestiva*, Greece, Zakynthos Isl., Tsilivi vil., 4-11.07.2011, Korolev S.V. leg. (Ex coll. Korolev V.A., № P01002);
820. ♀, *gen. aestiva*, Greece, Zakynthos Isl., Tsilivi vil., 4-11.07.2011, Korolev S.V. leg. (Ex coll. Korolev V.A., № P01003);
821. ♀, *gen. aestiva*, Greece, Zakynthos Isl., Tsilivi vil., 4-11.07.2011, Korolev S.V. leg. (Ex coll. Korolev V.A., № P01004);
822. ♀, *gen. aestiva*, Greece, Zakynthos Isl., Tsilivi vil., 4-11.07.2011, Korolev S.V. leg. (Ex coll. Korolev V.A., № P01005).

Greece, Rhodes Is.

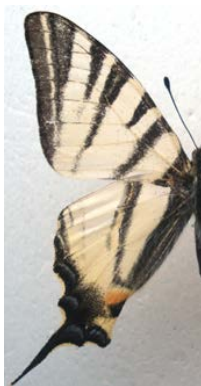
823. ♂, Greece, Rhodes Isl., Embonas, 27.06.2008. leg. Korolev S.V. (Ex coll. Korolev V.A., № P00884).



825



827



838



841

Bulgaria

824. ♂ *gen. vern.*, E. Bulgaria, Kosharica vic., 24.06.2014. Ex coll. Korolev V.A., ЭКЗ. № P01835.

Moldova

825. ♂, *gen. vern.*, Moldova, Anenii Noi District, Hirbovat village, forest. 2010.06.2012. Leg. Bodnari I.I. (Ex coll. Korolev V.A., № P01559);
826. ♂, *gen. vern.*, Moldova, Anenii Noi District, Hirbovat village, forest. 2010.06.2012. Leg. Bodnari I.I. (Ex coll. Korolev V.A., № P01560).

Russia, Crimea

827. ♂ *gen. aestiva*. Крым, Бахчисарайский р-н, окр. с.Прохладное,13.07.1983, В.А.Королев [Crimea, Bahchisarai reg., Prohladnoe village vic., 13.07.1983, V.A.Korolev] (Ex coll. Korolev V.A., № P00063);
828. ♂ *gen. aestiva*. Крым, Бахчисарайский р-н, окр. с.Прохладное, 2.07.1982, В.А.Королев [Crimea, Bahchisarai reg., Prohladnoe village vic., 2.07.1982, V.A.Korolev] (Ex coll. Korolev V.A., № P00062);
829. ♂ *gen. aestiva*. Крым, Бахчисарайский р-н, окр. с.Прохладное,19.07.1985, С.В.Королев [Crimea, Bahchisarai reg., Prohladnoe village vic., 19.07.1985, S.V.Korolev] (Ex coll. Korolev V.A., № P00064);
830. ♂ *gen. aestiva*. Крым, Бахчисарайский р-н, окр. с.Прохладное, 27.07.1985, С.В.Королев [Crimea, Bahchisarai reg., Prohladnoe village vic., 27.07.1985, S.V.Korolev] (Ex coll. Korolev V.A., № P00065);
831. ♀ *gen. aestiva*. Крым, Бахчисарайский р-н, окр. с.Прохладное,1.07.1982, В.А.Королев [Crimea, Bahchisarai reg., Prohladnoe village vic., 1.07.1982, V.A.Korolev] (Ex coll. Korolev V.A., № P00066);
832. ♀ *gen. aestiva*. Крым, Бахчисарайский р-н, окр. с.Прохладное,11.07.1983, В.А.Королев [Crimea, Bahchisarai reg., Prohladnoe village vic., 11.07.1983, V.A.Korolev] (Ex coll. Korolev V.A., № P00067);
833. ♀ *gen. aestiva*. Крым, Феодосия, г.Лысяя, 19-20.08.1998, Королев В.А. [Crimea, Feodosiya, Lysaya Mt., 19-20.08.1998, Korolev V.A.] (Ex coll. Korolev V.A., № P00068);
834. ♀ *gen. aestiva*. Крым, Феодосия, г.Лысяя, 20-21.08.1998, Королев В.А. [Crimea, Feodosiya, Lysaya Mt., 20-21.08.1998, Korolev V.A.] (Ex coll. Korolev V.A., № P00069);
835. ♀ *gen. aestiva*. Крым, Феодосия, г.Лысяя, 22-23.08.1998, Королев В.А. [Crimea, Feodosiya, Lysaya Mt., 22-23.08.1998, Korolev V.A.] (Ex coll. Korolev V.A., № P00070);
836. ♀ *gen. aestiva*. Крым, Феодосия, г.Лысяя, 22-23.08.1998, Королев В.А. [Crimea, Feodosiya, Lysaya Mt., 22-23.08.1998, Korolev V.A.] (Ex coll. Korolev V.A., № P00071);
837. ♀ *gen. aestiva*. Крым, Феодосия, г.Лысяя, 24.08.1998, Королев В.А. [Crimea, Feodosiya, Lysaya Mt., 24.08.1998, Korolev V.A.] (Ex coll. Korolev V.A., № P00072).

Russia, Volgograd reg.

838. ♂ *gen. vern.* 10.05.2004, S.Russia, Volgograd-city, Gornaya Polyana hollow, Samus A. (Ex coll. Korolev V.A., № P00076);
839. ♂ *gen. vern.* 10.05.2004, S.Russia, Volgograd-city, Gornaya Polyana hollow, Samus A. (Ex coll. Korolev V.A., № P00077);
840. ♂, *gen. aestiva*, S.Russia, Volgograd reg., Ilovlya distr., Tryohostrovskaya vil. env., 16.07.2006. Samus A. (Ex coll. Korolev V.A., № P00992).

Russia, North Caucasus

841. ♂ *gen.aestiva*. Северный Кавказ, Ставропольский кр., с.Ново-Александровская, 24.07.1970, Королев В.А. [North Caucasus, Stavropol distr., Novo-Alexandrovskaya village, 24.07.1970, Korolev V.A.] (Ex coll. Korolev V.A., № P00075);
842. ♂ *gen.aestiva*. Северный Кавказ, Ставропольский кр., с.Ново-Александровская, 24.07.1970, Королев В.А. [North Caucasus, Stavropol distr., Novo-Alexandrovskaya village, 24.07.1970, Korolev V.A.] (Ex coll. Korolev V.A., № P00074);

843. ♂ *gen. aestiva*. Северный Кавказ, окр. Ставрополя, оз.Сенгилеевское, степь, 21.07.1970, Королев В.А. [North Caucasus, Stavropol vic., Sengileevskoe Lake, steppe, 21.07.1970, Korolev V.A.] (Ex coll. Korolev V.A., № P00073);

Russia, Great Caucasus, Krasnodar reg.

844. ♂, *gen. vern.*, Caucasus, Sochi vic., 15.05.2005. Berezhnoj Yu. leg. (Ex coll. Korolev V.A., № P00938).

Abhasia, Great Caucasus

845. ♂, *gen. aestiva*, Абхазия, п. Цандрипш (Гантиади). 12.08.2011. Блудушкина Л.Б. leg. [Abhasia, Tsandripsh village (Gantiadi), 12.08.2011, Bludushkina L.B.] (Ex coll. Korolev V.A., № P01025).



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***Iphiclides podalirius flaccidus* (Krulikowsky, 1908)**

Type locality: «Восточная Россия (Вятка, Казань)», East Russia (Vyatka, Kazan).

Note: some authors considered this taxon as a junior subjective synonym of nominative subspecies.

Russia, South Ural

846. ♂, *gen. vern.*, South Ural, Orenburg prov., Kuvandyk vil., 25.05.2005. Berezhnoi Yu.I. leg. (Ex coll. Korolev V.A., № P00732);
847. ♂, *gen. vern.*, South Ural, Orenburg prov., Kuvandyk vil., 25.05.2005. Berezhnoi Yu.I. leg. (Ex coll. Korolev V.A., № P00733).

***Iphiclides podalirius persica* Verity, 1911**

Type locality: “Persien”, (Iran).

Armenia

848. ♀, Армения, окр. г.Арагац, с.Антарут, 1800 м., 1.06.1996, leg. Гундоров С.Б. [Armenia, Aragats Mt. Vic., Antaratut village, 1800 m, 1.06.1996. leg. Gundorov S.B.] (Ex coll. Korolev V.A., № P01051).

Iphiclides podalirius virgatus (Butler, 1865)

Type locality: "Syria. [...] at Damascus".

Note: Some authors (Racheli & Cotton, 2009:17) considering this taxon as a synonym of nominative subspecies.

Syria

849. ♂ *gen.aestiva*. Syria, Hama Region, Kufor-Buhem Village, 20.08.1989, Fadl Khuikhi leg. (Ex coll. Korolev V.A., № P00078);
850. ♂ *gen.aestiva*. Syria, Hama Region, Kufor-Buhem Village, 20.08.1989, Fadl Khuikhi leg. (Ex coll. Korolev V.A., № P00079);
851. ♀ *gen.aestiva*. Syria, Hama Region, Kufor-Buhem Village, 20.08.1989, Fadl Khuikhi leg. (Ex coll. Korolev V.A., № P00080);
852. ♀ *gen.aestiva*. Syria, Hama Region, Kufor-Buhem Village, 20.08.1989, Fadl Khuikhi leg. (Ex coll. Korolev V.A., № P00081).

Iphiclides podalirius centralasiae von Rosen in Seitz, 1929

Type locality: "mountains to the north of Dcharkent in the Ili District" [N.Tien Shan].

Note: Racheli & Cotton (2009:17) considering this taxon as a form of nominative subspecies: "Form *centralasiae* is small, yellowish, with intense black bands on both wings, the 3rd and 4th after the basal band approach each other at the costal margin and enclose a yellow area as far as the median vein. As stated before it is just a univoltine altitudinal form with typical markings of the first *podalirius* generation".

E.Kazakhstan, Monrak Mts.

853. ♂ *gen. vern.* E Kazakhstan, Monrak Mt. Range, N 47°18'40", E 84°36'42", 1250 m a.s.l., 27-28.05.2011. N.Rubin, K.Dovgailo & Yu. Sobolevskaya leg. (Ex coll. Korolev V.A., № P01789).

E.Kazakhstan, Tarbagatai Mts.

854. ♂ *gen. vern.* E Kazakhstan, SW Tarbagatai Mt. Range, Blagodatkoe environs, 1000 m a.s.l., 2.06.2011. N.Rubin & Yu. Sobolevskaya leg. (Ex coll. Korolev V.A., № P01790).

Iphiclides feisthameli (Duponchel, 1832)

Original description: *Papilio feisthamelii* Duponchel, 1832; in Godart, Hist. nat. Lépid. Fr. (Suppl.) 1 : 7, pl. 1, f.

Note: some authors (Fernandez-Rubio, 1991; Tennent, 1996; Wohlfahrt, 1996, 1998) considered this taxon as a separate species, but others (Collins & Morris 1985, De Prins & Iversen 1996, Hancock 1983, Munroe 1961, Tolman & Lewington 1997; Racheli & Cotton, 2009) – as a conspecific with *I. podalirius* and subspecies.

Iphiclides feisthameli feisthameli (Duponchel, 1832)

Type locality: «...environs de Barselone ... Alger» (SE Spain and Algeria).

Spain

855. ♂, Spain, Segovia, Las Parcelas La Granja. 1400 m. 6.08.2012. / Ex coll. Korolev V.A., № P01944;

South France

856. (Table V, 856) ♂, France, Betllans, Pyr[enees]. Or[jentales]. 8.05.2005. / Ex coll. Korolev V.A., № P01415.

Genus *Graphium* Scopoli, 1777

Subgenus *Pazala* Moore, 1888

***Graphium (Pazala) tamerlanus* (Oberthiir, 1876)**

Первоописание: *Papilio tamerlanus* Oberthür, 1876; Étud. d'Ent. 2 : 13, pl. 2, f. 1.

***Graphium (Pazala) tamerlanus tamerlanus* (Oberthiir, 1876)**

Type locality: «Moupin», China

China, Sichuan prov.



857. ♂, China, Sichuan Prov., loc. Yaan. 1–10.08.2013. Ex coll. Korolev V.A., № P01850.

***Graphium (Pazala) parus* (de Niceville, 1900)**

Original description: *Papilio Parus* de Niceville, 1900, l. Bombay Nat. Hist. Soc. 13 (1):172

***Graphium (Pazala) parus parus* (de Niceville, 1900)**

Type locality: "Tse Kou, Western China" [Yanmen, Mekong valley, N Yunnan, China].

Synonyms: = *Cosmodesmus tamerlanus incertus* O. Bang-Haas, 1927, Horae Macrolep. Reg. Pal.

1: 1; Type locality: "China mer. occ.: Szetschwan, Tatsienlu, Tsekou, Siaoou"; =

China, Sichuan prov.

858. (Table V, 858) ♂, China, Hanyuan, Sichuan, 1200-1500 m, 20-25.04.2008. Ex coll. Korolev V.A. (№ P00778);
859. ♂, China, Hanyuan, Sichuan, 1200-1500 m, 20-25.04.2008. Ex coll. Korolev V.A. (№ P00944);
860. ♂, Ya'an area, Sichuan prov., 1500 m alt., China. June 2009. / Ex coll. Korolev V.A., № P01938;
861. ♂, China, Sichuan Prov., loc. Yaan. 1-10.08.2013. Ex coll. Korolev V.A., № P01851;
862. ♂, China, Sichuan Prov., loc. Yaan. 1-10.08.2013. Ex coll. Korolev V.A., № P01852;
863. ♂, China, Sichuan Prov., loc. Yaan. 1-10.08.2013. Ex coll. Korolev V.A., № P01853;
864. ♂, China, Sichuan Prov., loc. Yaan. 1-10.08.2013. Ex coll. Korolev V.A., № P01854;
865. ♂, China, Sichuan Prov., loc. Yaan. 1-10.08.2013. Ex coll. Korolev V.A., № P01855;
866. ♂, China, Sichuan Prov., loc. Yaan. 1-10.08.2013. Ex coll. Korolev V.A., № P01856;
867. ♂, China, Sichuan Prov., loc. Yaan. 1-10.08.2013. Ex coll. Korolev V.A., № P01857.

Myanmar (Burma)

868. ♂, E. Myanmar (Burma), Chengtun loc., 5.06.2011. Ex coll. Korolev V.A., № P01858;
869. ♂, E. Myanmar (Burma), Chengtun loc., 5.06.2011. Ex coll. Korolev V.A., № P01859.

***Graphium (Pazala) eurous* (Leech, 1893)**

Original description: *Papilio eurous* Leech, [1893]; Butts China Japan Corea (2): 521, pl. 32, f. 3.

***Graphium (Pazala) eurous eurous* (Leech, 1893)**

Type locality: "Chang-yang, central China [and] Moupin".

China, Sichuan prov.



870. ♂, China, Sichuan Prov., 10-15.07. 2005, ex coll. Korolev V.A. (№ P00084).

Type locality: China, Guanxi, Yuechenling Shan.

China, Sichuan prov.



871. ♂, China, Sichuan Prov., 20.07. 2006, ex coll. Korolev V.A. (№ P00086);

872. ♂, China, Sichuan, Moupin, 19.08.2010. Ex coll. Korolev V.A. (№ P01145).

China, Guangxi prov.

873. ♂, South China, Guangxi Zhuang A.R., loc. Nanning. 25-30.06.2013. / Ex coll. Korolev V.A., № P01970;

874. ♂, South China, Guangxi Zhuang A.R., loc. Nanning. 25-30.06.2013. / Ex coll. Korolev V.A., № P01971.

Graphium (Pazala) mandarinus (Oberthür, 1879)

Original description: *Papilio glycerion* var. *mandarinus* Oberthür, 1879; Étud. d'Ent. 4 : 115.

Graphium (Pazala) mandarinus mandarinus (Oberthür, 1879)

Type locality: “Moupin, Kuy-Tseu” (China).

Vietnam

875. ♂, N Vietnam, Tam Dao National Park. 1-10.06.2013. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A. (№ P01730);

876. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 10-15.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01992;

877. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 10-15.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01993;

878. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 15-20.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01996;

879. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 15-20.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01997

S. China, Yunnan prov.

880. ♂, South China, Yunnan Prov., Wenshan vic., 1-10.06.2014. Ex coll. Korolev V.A. / Ex coll. Korolev V.A., № P01994;
881. ♂, South China, Yunnan Prov., Wenshan vic., 1-10.06.2014. Ex coll. Korolev V.A. / Ex coll. Korolev V.A., № P01995;



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Graphium (Pazala) mandarinus kimurai Murayama, 1982

Type locality: "Doi Inthanon, N. Thailand".

Laos

882. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A. (№ P01734).

Graphium (Pazala) mandarinus fangana Okano, 1986

Type locality: near Fang, alt. 2,200m. (about 20°20'N., 99°50'E.), Chiang Mai Prov., North Thailand.
Thailand

883. ♂, North. Thailand. Chiang Mai, loc. Doi Suthep, 15-20.06.2012. Ex coll. Korolev V.A. (№ P01735).

Graphium (Pazala) sichuanica Koiwaya, 1993

Original description: *Paza/a sichuanica* Koiwaya, 1993, Studies chin. Butt. 2: 77, figs 126 HT ♂, 127AT ♀.

Graphium (Pazala) sichuanica sichuanica Koiwaya, 1993

Type locality: Dujiang Yan (1300 m), Sichuan, [West China].

Synonyms: = *Papilio tamerlanus* ssp. *hoenei* Mell, 1935, Mitt. D. ent. Ges. 6: 156. Type locality: "Chekiang: West- und Ost-Tienmoshan (Fukien, Siidkiangsi), Nord-kuangtung" (primary homonym of *Papilio agetes hoenei* Mell, 1923) [invalid: junior primary and secondary homonym].

China, Sichuan prov.



884. ♂, China, Sichuan Prov., 20-25.07. 2006, ex coll. Korolev V.A. (№ P00085).

Subgenus *Pathysa* Reakirt, [1865]

***Graphium (Pathysa) agetes* (Westwood, 1841)**

Original description: *Papilio agetes* Westwood, 1843 Arcana Ent. 2(14):13, pl.55, figs.1,2.

Synonyms: *Papilio agetes tenuilineatus* Fruhstorfer, 1901: Soc. ent. 16(12):89-90. TL. Xom-Gom, S.Annam.

***Graphium (Pathysa) agetes agetes* (Westwood, 1841)**

Type locality: East Indies. (Sylhet ?).

Myanmar (Burma)

885. (Table V, 885) ♂, E. Myanmar (Burma), Shan State, Mong Hpayak District., 1-6.06.2010. Ex coll. Korolev V.A. (№ P01772).

Thailand

886. ♂, Thailand, Chiang Mai, 1-05.03.2007. Ex coll. Korolev V.A. (№ P00680);
887. ♂, Thailand, Chiang Mai loc. 26.10.2009. Ex coll. Korolev V.A. (№ P01140);
888. ♂, Thailand, Chiang Mai. 10-16.10.2012. Ex coll. Korolev V.A. (№ P01547).

Laos

889. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. Korolev V.A. (№ P01770).

Vietnam

890. ♂, N Vietnam, Tam Dao National Park. 1-10.06.2013. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A. (№ P01771).

Cambodia

891. ♂, Cambodia, Pnom Penh vicinity, 15.10.2013. Ex coll. Korolev V.A., № P02007.

Graphium (Pathysa) agetes iponus (Fruhstorfer, 1902)

Original description: *Papilio agetes iponus* Fruhstorfer, 1902; Soc. Ent. 17(8): 58.

Type locality: “Ipot, Perak” (Malacca).

Note: some authors (Y.Inayoshi, 1996-2012) considered as a synonym of nominative subspecies.

Malaysia

892. (Table V, 892) ♂, Malaysia, Perak, Tapah Hills, 14.03.2007. Ex coll. Korolev V.A. (№ P00931);

893. ♂, W. Malaysia, Cameron Highlands / 15-20.10.2011. Ex coll. Korolev V.A. (№ P01503);

894. ♂, W. Malaysia, Cameron Highlands / 15-20.10.2011. Ex coll. Korolev V.A. (№ P01504).

Graphium (Pathysa) agetes chinensis (Chou & Li, 1994)

Original description: *Pathysa agetes chinensis* Chou & Li, 1994; in Chou, Monographia Rhopalocerum Sinensium 1-2: 751, 173, f. 8.

Type locality: “Mt. Dawei, Pingbian, Yunnan”.

China, Yunnan prov.



♂, S. China, loc. Nan Nin, 09.2002, ex coll. Korolev V.A. (№ P00082).

China, Guangxi prov.

895. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01881;

896. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01914;

***Graphium (Pathysa) androcles* (Boisduval, 1836)**

Original description: *Papilio androcles* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 249.

***Graphium (Pathysa) androcles androcles* (Boisduval, 1836)**

Type locality: Sulawesii (Sulawesi, Indonesia).

Synonyms: *Papilio androcles latilinea* Joicey & Talbot, 1922; Bull. Hill Mus. 1 (2) : 323, TL: Sula I. (=ssp. *cleomenes* Fruhstorfer, 1911).

Indonesia, Sulawesi Is.

897. ♂, Indonesia, Sulawesi Isl., 16.05.2005, ex coll. Korolev V.A. (№ P00100).



898. ♂, Indonesia, Sulawesi Isl., 10.02.1997, ex coll. Korolev V.A. (№ P00099).

***Graphium (Pathysa) antiphates* (Cramer, 1775)**

Original description: *Papilio antiphates* Cramer, [1775]; Uitl. Kapellen 1 (1-7):113, pl. 72, f. A, B

***Graphium (Pathysa) antiphates pompilius* (Fabricius, 1787)**

Type locality: India

Synonyms: *continentalis* Eimer, 1889; Arb. Verwandtsch. Schmett. (1) : 137; *linga* Fruhstorfer, 1909 : Ent. Zeit. 22(41):170. TL. Hainan.

Thailand

899. (Table V, 899) ♂, Thailand, 5.03.2005, ex coll. Korolev V.A. (№ P00101).

China, Guangxi prov.

900. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01892;
901. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01905;
902. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01906.

Graphium (Pathysa) antiphates itamputi (Butler, 1885)

Type locality: NE Sumatra, Indonesia.

Note: some authors (Y.Inayoshi, 1996-2012) considered as a synonym of ssp. *pompilius* Fabricius, 1787.



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Malaysia

903. ♂, Malaysia, Perak Isl. 13.03.2010. Ex coll. Korolev V.A. (№ P00958);
904. ♂, W. Malaysia, Cameron Highlands / 15.10.2011. Ex coll. Korolev V.A. (№ P01497);
905. ♂, W. Malaysia, Cameron Highlands / 15.10.2011. Ex coll. Korolev V.A. (№ P01498).

Thailand

906. ♂, Thailand, Yala loc., 10-15.10.2011. Ex coll. Korolev V.A. (№ P01499);
907. ♂, Thailand, Yala loc., 10-15.10.2011. Ex coll. Korolev V.A. (№ P01500).

Graphium (Pathysa) antiphates balius Jordan, 1909

Original description: *antiphates balius* (Jordan, 1909) (Papilio); in Seitz, Grossschm. Erde 9: 90.

Type locality: Bali Is. (Indonesia).

Indonesia, Bali Is.

908. *Topotypus* ♂, Indonesia, Bali isl., loc. Klungkung. 21.11.2009. Ex coll. Korolev V.A. (№ P01289)

Indonesia, Lombok Is.

909. ♂, Indonesia, Lombok Isl., loc. Mataram. 15.11.2009. Ex coll. Korolev V.A (№ P01290)

Graphium (Pathysa) antiphates kalaoensis (Rothschild, 1896)

Type locality: "Kalao Is." (Indonesia).

Indonesia, Alor Is.

910. ♂, Indonesia, Alor Isl., loc. Kalabahi, 15.11.1999. Ex coll. Korolev V.A. (№ P01291)

Graphium (Pathysa) aristeus (Stoll, 1780)

Original description: *Papilio aristeus* Stoll, [1780]; in Cramer, Uitl. Kapellen 4(26b-28): 60, pl. 318, f. E, F.

Graphium (Pathysa) aristeus aristeus (Stoll, 1780)

Type locality: Ambon, Serang (Molukka, Indonesia).

Indonesia, Ceram Is.

911. (Table V, 911) *Topotypus* ♂, Indonesia, Ceram, 8.11.2007. Ex coll. Korolev V.A. (№ P00779);

912. *Topotypus* ♂, Indonesia, Ceram Isl., 14.09.2008. / Ex coll. Korolev V.A., № P00959.

Graphium (Pathysa) aristeus hermocrates (C. & R. Felder, [1865])

Original description: *Papilio hermocrates* Felder & Felder, 1865, Reise Fregatte Novara, Lep. Rhop. (1):57-59, pl.12, fig.e.

Type locality: Luzon Is. (Philippines).

Synonyms: *aristeoides* Eimer, 1889: Artb. Verwandtsch. Schmett. 1:163-164, pl.3, fig.3. TL. Nord Burmah.; *nigricans* Eimer, 1889: Artb. Verwandtsch. Schmett. 1:168-170, text-fig. TL. "East India"; *pedo* Fruhstofer, 1909: Ent. Zeit. 22(41):170. TL. Sumba; *hainanensis* Chou et Gu, 1994: in Chou et al., Monographia Rhopalocerorum Sinensium. 1:173, 751. TL. Hainan.

Philippines, Mindanao Is.



913. ♂, Philippines, Mindanao Isl., 11.03.2006, ex coll. Korolev V.A. (№ P00111).

Graphium (Pathysa) aristeus parmatum Gray, 1852

Original description: *Papilio parmatum* Gray, [1853]; Cat. lep. Ins. Coll. Brit. Mus. 1 (*Papilionidae*): 30, pl. 3, f. 2.

Type locality: Australia.

Indonesia, New Guinea Is.



914. ♂, "*Graphium aristeus parmatum* ♂" / Indonesia, W.Papua, Timika. 02.2012. / Ex coll. Korolev V.A., № P01699.

Graphium (Pathysa) aristeus erebos Tsukada & Nishiyama, 1980

Type locality:

Indonesia, Sumbawa Is.



915. ♂, "*Graphium aristeus erebos* ♂" / Indonesia, Sumbawa Isl., 11.2012. / Ex coll. Korolev V.A., № P01700.

Graphium (Pathysa) decolor Staudinger, 1888

Original description: *Papilio antiphates* var. *decolor* Staudinger, 1888; Corr.-Bl. Ent. Ver. Iris 1 (5): 279.

Graphium (Pathysa) decolor decolor Staudinger, 1888

Type locality: "Insel Palawan [...] bei Puerto Princesa, einer spanischen Verbrecher Kolonie [...] etwa unter dem 10. Grad nördlicher Breite und etwa unter dem 119. Längengrad" - Balabac, Calamian, Palawan .

Philippines, Palawan Is.

916. (Table V, 916) *Topotypus* ♂, Philippines, Palawan, 10.02.2006, ex coll. Korolev V.A. (№ P00129);

917. *Topotypus* ♂, Philippines, Palawan, loc. Puerto Princesa 26.10.2009. Ex coll. Korolev V.A. (№ P01144).

Graphium (Pathysa) decolor atratus (Rothschild, 1895)

Type locality: "Mindoro", Philippines.

Philippines, Mindoro Is.

918. *Topotypus* ♂, Philippines, Mindoro orient., S.Luzon, 09.2005, / ex coll. Korolev V.A., № P00128.

Graphium (Pathysa) euphrates (C. & R. Felder, 1862)

Original description: *Papilio euphrates* C. & R. Felder, 1862; Wien. ent. Monats. 6 (9): 283

Graphium (Pathysa) euphrates domaranus (Fruhstorfer, 1903)

Type locality: "Dumaran Is.", Philippines.

Philippines, Palawan Is.



919. ♂, Philippines, Palawan Isl., 20-25.11.2207. Ex coll. Korolev V.A. (№ P00678).

Graphium (Pathysa) nomius (Esper, 1798)

Original description: *Papilio nomius* Esper, 1799; Die ausl. Schmett. : 210, pl.52, f. 3

Graphium (Pathysa) nomius swinhoei (Moore, 1878)

Type locality: “Hainan” (South China).

S. China, Yunnan Province

920. (Table V, 920) ♂, S.China, Yunnan Prov., Jīnpíng miáozú yáozú dàizú Zizhixiàn, loc. Jinhe. 1-15.07.2011. Ex coll. Korolev V.A. (№ P01768).

Myanmar (Burma)

921. ♂, E. Myanmar (Burma), Shan State, Mong Hpayak District., 1-6.06.2010. Ex coll. Korolev V.A., № P01745.

Vietnam

922. ♂, N Vietnam, Tam Dao National Park. 1-10.06.2013. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A., № P01746.

Thailand

923. ♂, Thailand, loc. Chiangmay, 12.02.2005, ex coll. Korolev V.A., № P00112;

924. ♂, Thailand, 5.11.2005, ex coll. Korolev V.A., № P00315;

925. ♂, North. Thailand, Chiang Mai. 10-15.04.2013. Ex coll. Korolev V.A., № P01743;

926. ♂, North. Thailand, Chiang Mai, 2-8.10.2013. Ex coll. Korolev V.A., № P01811.

Laos

927. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. Korolev V.A. (№ P01744).

Cambodia

928. ♂, Cambodia, Pnom Penh vicinity, 15.10.2013. Ex coll. Korolev V.A., № P01812.

Graphium (Pathysa) nomius hainana Chou, 1994

Original description: *Pathysa nomius hainana* Chou, 1994 : in Chou et al., Monographia Rhopalocerorum Sinensium. 173, 751.

Type locality: Hainan, China.

China, Hainan Is.

929. ♂, China, Hainan Province, Qiongzong Prefecture, 900 m, 22-29.07.2009. / Ex coll. Korolev V.A., № P02006.

Graphium (Pathysa) dorcus (de Haan, 1840)

Original description: *Papilio dorcus* de Haan, 1840; Verh. Nat. Gesch. Ned. Overz. Bez. (Zool.): 35.

Graphium (Pathysa) dorcus butungensis Hanafusa, 1997

Type locality: “Buton Is.” (Indonesia).

Indonesia, Buton Is.



930. *Topotypus* ♂, “*Graphium dorcus butungensis*”, Indonesia, Buton Is., 14.10.2011. Ex coll. Korolev V.A. (№ P01396).

***Graphium (Pathysa) rhesus* (Boisduval, 1836)**

Original description: *Papilio rhesus* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 253.

***Graphium (Pathysa) rhesus rhesus* (Boisduval, 1836)**

Type locality: “Bengal” (error), corrected Type locality: N. and E. Sulawesi.

Indonesia, Sulawesi Is.

931. (Table V, 931) *Topotypus* ♂, Indonesia, SE Sulawesi, loc. Kendari, 16-20.03.2011. Ex coll. Korolev V.A.. (№ P01373);

932. *Topotypus* ♂, Indonesia, SE Sulawesi, loc. Kendari, 16-20.03.2011. Ex coll. Korolev V.A.. (№ P01374);

933. *Topotypus* ♂, Indonesia, Centr. Sulawesi, Palolo Palu. 16-20.08.2014. Ex coll. Korolev V.A., № P02013.

***Graphium (Pathysa) rhesus rhesulus* (Fruhstorfer, 1902)**

Type locality: «Süd-Celebes [...] am Wasserfall bei Maros» (South Sulawesi, Indonesia).

Note: some authors (Vane-Wright & de Jong, 2003: 93) considered as a infrasubspecific form of *Graphium (Pathysa) rhesus* (Boisduval, 1836).

Indonesia, Buton Is.

934. ♂, Indonesia, Buton Isl., 10.05.2005, ex coll. Korolev V.A. (№ P00083);

935. ♂, Indonesia, Buton Isl., 14.08.2010. Ex coll. Korolev V.A. (№ P00960).

Indonesia, Sulawesi Is.



936. *Topotypus* ♂, Indonesia, S.Sulawesii Isl., 15.02.2009, Ex coll. Korolev V.A. (№ P00943).

Subgenus *Arisbe* (Hübner, [1819])

Antheus-evombar species group:

Graphium (Arisbe) antheus (Cramer, 1779)

Original description: *Papilio antheus* Cramer, 1779 *in* Cramer, [1779-80]. Die Uitlandsche Kapellen voorkomende in de drie waerreldeelen Asia, Africa en America 3: 71.

Graphium (Arisbe) antheus antheus (Cramer, 1779)

Type locality: [Africa]: “op het Eiland Amboina”; Sierra Leone (Larsen, 2005).

Central African Republic

937. (Table V, 937) ♂, Centr. Afric. Republic, Bangui env., 20.11.2009. / Ex coll. Korolev V.A., № P01159.

Zambia

938. ♂, Zambia, 10.03.2005, ex coll. Korolev V.A. (№ P00115).

Graphium (Arisbe) antheus latepictulus Strand, 1914

Type locality: “D.O. Afrika, Kongoë, Kunusi”, Tanzania.

Congo

939. (Table V, 939) ♂, C.Africa, Congo, loc. Kinshasa, 20.04.1999, / ex coll. Korolev V.A., № P00114.

Graphium (Arisbe) evombar (Boisduval, 1836)

Original description: *Papilio evombar* Boisduval, 1836. In: [Roret, Suites à Buffon], Histoire naturelle des Insectes. Species général des Lépidopteres 1: 254.

Graphium (Arisbe) evombar evombar (Boisduval, 1836)

Type locality: “Madagascar”.

Madagascar

940. (Table VI, 940) *Topotypus* ♂, Madagascar, loc. Sakaraha, 12.03.2005. / Ex coll. Korolev V.A., № P00113.

***Policenes* species group:**

***Graphium (Arisbe) policenes* (Cramer, 1775)**

Original description: *Papilio policenes* Cramer, 1775 *in* Cramer., [1775-6]. Die Uitlandsche Kapellen voorkomende in de drie waerrelddeelen Asia, Africa en America 1: 61.

***Graphium (Arisbe) policenes policenes* (Cramer, 1775)**

Type locality: [Africa]: “Surinamen”, considered TL: West Africa.

Zaire, Kivu prov.

941. (Table VI, 941) ♂, Zaire (D.R.Congo), Prov. Kivu, Mamove, 1-7.03.2013. / Ex coll. Korolev V.A. № P01713;

942. ♂, Zaire, Kivu prov., Mapimbi loc., 15.12.2012. / Ex coll. Korolev V.A. № P01714.

Uganda

943. ♂, West Uganda, Bwamba, Bindibugyo, 17.02.2011. Ex coll. Korolev V.A. № P01715

***Graphium (Arisbe) policenes telloi* Hecq, 1999**

Type locality: Central African Republic: “RCA, Région Nord, P.N., Brendja 12.XII.1998, leg J. Tello.” In MRAC, Tervuren.

Central African Republic

944. *Topotypus* ♂, “*Graphium policenes telloi*” / North CAR, loc. Brenja. 13.12.2013. / Ex coll. Korolev V.A., № P01828;

945. ♂, Centr. Africa, C.A.R., Bangui, 16.05.1988. / Ex coll. Korolev V.A., № P00123.

***Graphium (Arisbe) kirbyi* (Hewitson, 1872)**

Original description: *Papilio kirbyi* Hewitson, 1872. Entomologist’s Monthly Magazine 9: 146 (146-147).

***Graphium (Arisbe) kirbyi kirbyi* (Hewitson, 1872)**

Type locality: “Lagos”. Erroneous, revised TL: East Africa, Tanzania (Lectotype in: Smith & Vane-Wright, 2001, Bulletin of the Natural History Museum Entomology Series 70 (2): 540 (503-719).

Tanzania

946. (Table VI, 946) ♂, Tanzania, Tanga, Forest Nguu, 12.03.2009. Ex coll. Korolev V.A. (№ P00920).

***Graphium (Arisbe) colonna* (Ward, 1873)**

Original description: *Papilio colonna* Ward, 1873; Ent. mon. Mag. 10 : 151.

Graphium (Arisbe) colonna lonconca Suffert, 1904

Type locality: "Mikindani und Lindi, Deutsch-Ost-Africa".

Tanzania

947. (Table VI, 947) ♂, Tanzania, Morogoro, Forest Sanje, 12.02.2008. Ex coll. Korolev V.A. (№ P00918).

***Graphium (Arisbe) illyris* (Hewitson, 1873)**

Original description: *Papilio illyris* Hewitson, 1873. Entomologist's Monthly Magazine 9: 232.

Graphium (Arisbe) illyris girardeaui (Guilbot & Plantrou, 1978)

Type locality: "Empire centrafricain, Bangui", Central African Republic, Bangui.

Central African Republic



948. *Topotypos* ♂, R.C.A., Bangui, 16.04.2010. Ex coll. Korolev V.A. (№ P00961).

***Graphium (Arisbe) porthaon* (Hewitson, 1865)**

Original description: *Papilio porthaon* Hewitson, 1865 in Hewitson, 1862-6. Illustrations of new species of exotic butterflies 3: 4.

Graphium (Arisbe) porthaon porthaon (Hewitson, 1865)

Type locality: [Mozambique]: "Zambesi".

Tanzania

949. (Table VI, 949) ♂, Tanzania, Tanga, Forest Utungou, 15.03.2007. / Ex coll. Korolev V.A., № P00919.

***Angolanus* species group:**

Graphium (Arisbe) angolanus (Goeze, 1779)

Original description: *Papilio angolanus* Goeze, 1779; Ent. Beiträge 3 (1): 87

Graphium (Arisbe) angolanus angolanus (Goeze, 1779)

Type locality: "Angolae", Angola.

Synonyms: *pylades* Fabricius, 1793. Invalid; junior primary homonym of *Papilio pylades* Stoll, [1782]: [Castniidae.] [Synonymized with *G. angolanus baronis* (Ungemach, 1932) by Smith & Vane-Wright, 2001. (Bulletin of the Natural History Museum Entomology Series 70 (2): 582 (503-719)); = *houzeaui* Dufrane, 1946; *calabar* Hancock, 1985.

Angola

950. (Table VI, 950) ♂, Africa, Angola, 15.01.2009. / Ex coll. Korolev V.A., № P00927.

Graphium (Arisbe) angolanus baronis (Ungemach, 1932)

Type locality: Ethiopia: "Baro".

Central African Republic

951. ♂, C.A.R., 15.02.2006. / Ex coll. Korolev V.A., № P00088;

952. ♂, "*Graphium pylades angolanum* ♂" / CAR, Bangui loc., 14.02.2014. / Ex coll. Korolev V.A., № P01826.

Graphium (Arisbe) endochus (Boisduval, 1836)

Original description: *Papilio endochus* Boisduval, 1836. *In*: [Roret, Suites à Buffon] Histoire naturelle des Insectes. Species général des Lépidoptères 1: 243.

Type locality: "à Madagascar".

Madagascar



953. *Topotypus* ♂, Madagascar, loc. Tamatabe, 16.02.2006, ex coll. Korolev V.A. (№ P00130).

Graphium (Arisbe) ridleyanus (White, 1843)

Original description: *Papilio ridleyanus* White, 1843. Annals and Magazine of Natural History 12 (1): 262.

Graphium (Arisbe) ridleyanus ridleyanus (White, 1843)

Type locality: “oras fluminis Zaire”. Lectotypus in: Smith & Vane-Wright, 2001 Bulletin of the Natural History Museum Entomology Series 70 (2): 590.

Central African Republic

954. (Table VI, 954) ♂, Centr. Africa, C.A.R., loc. Bangui, 12.03.1988. / Ex coll. Korolev V.A., № P00089;

955. ♂, Centr. Afric. Republic. 20.09.2007. / Ex coll. Korolev V.A., № P00701.

Graphium (Arisbe) ridleyanus semivitreus Schultze, 1930

Type locality: Central African Republic: “Mongoumba”

Note: some authors (Smith & Vane-Wright, 2001) considered this taxon as a synonym of nominative subspecies.

Central African Republic

956. *Topotypus* ♂, “*Graphium ridleyanus semivitreus*”, C.A.R., Mongoumba, 16.01.2010. / Ex coll. Korolev V.A., № P01297;

957. (Table VI, 957) *Topotypus, forma* ♂, “*Graphium ridleyanus semivitreus*”, C.A.R., Mongoumba, 22.01.2010. / Ex coll. Korolev V.A., № P01298.

Leonidas species group:

Graphium (Arisbe) leonidas (Fabricius, 1793)

Original description: *Papilio leonidas* Fabricius, 1793. Entomologia Systematica emendata et aucta 3 (1): 35.

Graphium (Arisbe) leonidas leonidas (Fabricius, 1793)

Type locality: “Africa”, not designated.

Cameroon

958. ♂, Centr. Africa, Cameroon, Sanaga, 10.04.1988. / Ex coll. Korolev V.A., № P00131.

Central African Republic

959. (Table VI, 959) ♂, C.A.R., Bangui env., 21.11.2009. / Ex coll. Korolev V.A., № P01158.

Zimbabwe

960. ♂, Zimbabwe, Nat. Park “Viktoria Falls”. 18.03.2014. leg. & coll. V.Tuzov / Ex coll. Korolev V.A., № P01786.

Uganda

961. ♂, Ouganda, Bwindi NP, Impenchant forest, Buhoma Area, 15.03.2014. Ex coll. M.Bonnard / Ex coll. Korolev V.A., № P01977.

Graphium (Arisbe) cyrnus (Boisduval, 1836)

Original description: *Papilio cyrnus* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 239

Graphium (Arisbe) cyrnus nuscyrus (Suffert, 1904)

Type locality: “Mojange”, Madagascar.

Madagascar

962. (Table VI, 962) ♂, Madagascar, 18.01.2008. / Ex coll. Korolev V.A., № P00932;

963. ♂, Madagascar, 1-5.03.2008. / Ex coll. Korolev V.A., № P00773.

Tynderaeus species group:

Graphium (Arisbe) tynderaeus (Fabricius, 1793)

Original description: *Papilio tynderaeus* Fabricius, 1793. Entomologia Systematica emendata et aucta 3 (1): 35.

Graphium (Arisbe) tynderaeus tynderaeus (Fabricius, 1793)

Type locality: not designated, probably – Sierra Leone (Larsen, 2005).

Congo

964. (Table VI, 964) ♂, Centr.[al] Africa, Congo, loc. Kinshasa, 12.04.1989. / Ex coll. Korolev V.A., № P00095.

Graphium (Arisbe) latreillianus (Godart, [1819])

Original description: *Papilio latreillianus* Godart, 1819 *in* Latreille & Godart, [1819], [1824]. Encyclopédie Méthodique. Histoire Naturelle [Zoologie] 9 Entomologie: 44 (1-328 [1819], 329-828 [1824]).

Graphium (Arisbe) latreillianus theorini (Aurivillius, 1881)

Type locality: “Gaboon”.

Cameroon

965. (Table VI, 965) ♂, Cameroon, 15.12.2004. / Ex coll. Korolev V.A., № P00094.

Adamastor species group:

Graphium (Arisbe) adamastor (Boisduval, 1836)

Original description: *Papilio adamastor* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 371
Synonyms: *houzeau* Dufrane, 1946; *guineensis* Dufrane, 1946; *dimbroko* Berger, 1950; *zongo* Berger, 1950.

Graphium (Arisbe) adamastor adamastor (Boisduval, 1836)

Type locality: “Côte de Guinée”.

Central African Republic

966. (Table VI, 966) ♂, Centr. Afric. Republic. 19.10.2007. / Ex coll. Korolev V.A., № P00700.

Graphium (Arisbe) agamedes (Westwood, 1842)

Original description: *Papilio agamedes* Westwood, 1842; Ann. Mag. nat. Hist. 9 : 38

Graphium (Arisbe) agamedes agamedes (Westwood, 1842)

Type locality: «Ashantee, tropical Africa», Ghana.

Central African Republic

967. (Table VI, 967) ♂, C.A.R., Bangui, 12.11.2004. / Ex coll. Korolev V.A., № P00132;

968. ♂, “*Graphium agamedes*” / C.A.R., Bangui, 16.11.2011. / Ex coll. Korolev V.A., № P01296.

Graphium (Arisbe) schubotzi (Schultze, 1913)

Original description: *Papilio [odin]* var. *schubotzi* Schultze, 1913. Entomologische Rundschau 30: 73 (73-74); [Invalid; junior primary homonym of *Papilio odin* Fabricius, 1793 [*Riodinidae*].];

Graphium (Arisbe) schubotzi schubotzi (Schultze, 1913)

Type locality: “Duma, Ubangi-Distrikt; Angu, Ubangi-Distrikt”; Democratic Republic Congo.

Synonyms: *Graphium auriger schubotzi* (Schultze, 1913); *Graphium schubotzi* (Schultze, 1913).
Smith & Vane-Wright, 2001: 622 stat. rev.

Central African Republic

969. (Table VI, 969) ♂, «*Graphium odin schubotzi*», RCA, Motomato, 15.02.2009. Ex coll. Korolev V.A. (№ P01390);

970. ♂, «*Graphium odin schubotzi*», RCA, Motomato, 15.02.2009. Ex coll. Korolev V.A. (№ P01391).

Graphium (Arisbe) ucalegonides (Staudinger, 1884)

Original description: *Papilio ucalegonides* Staudinger, 1884 *in* Staudinger & Schatz, 1884-8. Exotischer Schmetterlinge 1: 10 (333 pp.). Bayern.

Type locality: [Angola, Quango] (Larsen, 2005): “Innern Ost afrikas”.

Central African Republic



971. ♂, R.C.A., loc. Maka, 14.05.2013. Ex coll. Korolev V.A., № P01838;

972. ♂, R.C.A., loc. Maka, 14.05.2013. Ex coll. Korolev V.A., № P01839.

Cameroon

973. ♂, Cameroon, loc. Korup, 10.05.2012. Ex coll. Korolev V.A., № P01840;

Graphium (Arisbe) hachei (Dewitz, 1881)

Original description: *Papilio hachei* Dewitz, 1881. Berliner Entomologische Zeitschrift 25: 286 (286).

Graphium (Arisbe) hachei moebii (Suffert, 1904)

Type locality: Democratic Republic Congo: “Central-Africa, 6°S. Breite, 25-26 ° östl.”.

Synonyms: *martensi* Dufrane, 1946 (as species *Papilio (Cosmodesmus)*). Bulletin et Annales de la Société Royale Entomologique de Belgique 82: 119 (101-122). TL: "Congo Belge, Equateur".

Central African Republic

974. (Table VI, 974) ♂, «*Graphium hachei* ♂» / CAR. Bambari vic. 10-12.06.2012. Ex coll. Korolev V.A. (№ P01568).

Subgenus *Graphium* Scopoli, 1777

Graphium (Graphium) agamemnon (Linnaeus, 1758)

Original description: *Papilio agamemnon* Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 462

Graphium (Graphium) agamemnon agamemnon (Linnaeus, 1758)

Type locality: "Asia", [China, Kanton].

Synonyms: *aegisthus* Linnaeus, 1763; *Papilio dorylas* Sulzer, 1776; *agamemnon* var. *anoura* Oberthür, 1879; *agamemnon* var. *rufescens* Oberthür, 1879.

Philippines, Mindanao Is.

975. (Table VI, 975) ♂, Philippines, Mindanao Isl., 12.03.2006. / Ex coll. Korolev V.A., № P00107.

Philippines, Luzon Is.

976. ♂, Philippines, Luzon Isl., 16.07.2012. Ex pupa. Ex coll. Korolev V.A. (№ P01421);

977. ♂, Philippines, Luzon Isl., 16.07.2012. Ex pupa. Ex coll. Korolev V.A. (№ P01422).

Thailand

978. ♂, Thailand, Yala, Than To, 17.03.2011. Ex coll. Korolev V.A. (№ P01346);

979. ♂, Thailand, Yala, Than To, 17.03.2011. Ex coll. Korolev V.A. (№ P01347);

980. ♂, Thailand, Yala, Than To, 17.03.2011. Ex coll. Korolev V.A. (№ P01348).

Cambodia

981. ♂, Cambodia, Pnom Penh vicinity, 15.10.2013. Ex coll. Korolev V.A., № P02008;

West Malaysia

982. ♂, W. Malaysia, Cameron Highlands, 10-13.03.2011. Ex coll. Korolev V.A. (№ P01343);

983. ♂, W. Malaysia, Cameron Highlands 17.03.2011. Ex coll. Korolev V.A. (№ P01344);

984. ♂, W. Malaysia, Cameron Highlands 17.03.2011. Ex coll. Korolev V.A. (№ P01345).

Indonesia, Borneo Is.

985. ♂, Indonesia, N.Borneo, Sabah, Kimanis Road, 14.04.2006. Ex coll. Korolev V.A. (№ P01283).

Graphium (Graphium) agamemnon exilis (Rothschild, 1895)

Original description: *Papilio agamemnon exilis* Rothschild, 1895; Novit. Zool. 2 (3): 451
Type locality: "Tenimber Islands", Indonesia.

Indonesia, Maluku Iss., Wetar Is.

986. (Table VI, 986) *Topotypus* ♂, Indonesia, Wetar Isl., Maluku Islands, 25.11.1999. / Ex coll. Korolev V.A., № P01282.

Graphium (Graphium) agamemnon plisthenes (C. & R. Felder, 1864)

Type locality: "Amboina", Ambon Is., Maluku Iss.

Synonyms: *plisthenes* C. & R. Felder, 1865.

Indonesia, Ceram Is.



987. ♂, Indonesia, Seram (Ceram) isl., Maluku islands, 21.09.2010. Ex coll. Korolev V.A. (№ P01285).



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Graphium (Graphium) agamemnon comodus (Fruhstorfer, 1903)

Type locality: (Celebes), Sulawesi Is.

Synonyms: repl. *Papilio agamemnon* var. *celebensis*, Fickert, 1889; *agamemnon* var. *celebensis* Fickert, 1889.

Indonesia, Sulawesi Is.

988. ♂, Indonesia, S. Sulawesi, Bantimurung, 14.11.2009. Ex coll. Korolev V.A (№ P01284);
989. ♂, Indonesia, SE Sulawesi, loc. Kendari, 16-20.03.2011. Ex coll. Korolev V.A. (№ P01363);
990. ♀, Indonesia, SE Sulawesi, loc. Kendari, 16-20.03.2011. Ex coll. Korolev V.A. (№ P01364);
991. ♂, Indonesia, Centr. Sulawesi, Palolo Palu. 16-20.08.2014. Ex coll. Korolev V.A., № P02011.

Graphium (Graphium) agamemnon ligatus (Rothschild, 1895)

Type locality: "New Guinea", Indonesia.

Indonesia, West Irian

992. *Topotypus* ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A. (№ P01747);
993. *Topotypus* ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A. (№ P01748).

Graphium (Graphium) arycles (Boisduval, 1836)

Original description: *Papilio arycles* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1 : 231

Synonyms: *rama* C. & R. Felder, 1860 (TL: Malakka peninsula); *incertus* Fruhstorfer, 1899 (TL: Singapur).

Graphium (Graphium) arycles perinthus (Fruhstorfer, 1915)

Type locality: "Palawan", Palawan Is., Philippines.

Philippines, Palawan Is.

994. (Table VI, 994) *Topotypus* ♂, Philippines, Palawan Isl., 17.02.2008. / Ex coll. Korolev V.A., № P00777;
995. *Topotypus* ♂, Philippines, Palawan Isl., 15.03.2010. / Ex coll. Korolev V.A., № P00962.

Graphium (Graphium) bathycles (Zinken, 1831)

Original description: *Papilio bathycles* Zinken, 1831; Nova Acta physico-med. [Leop. Carol.] 15 (1): 157, pl. 14, f. 6-7.

Graphium (Graphium) bathycles bathycloides (Honrath, [1884])

Type locality: "von Malacca und Borneo".

Malaysia, Borneo Is.

996. (Table VI, 996) ♂, Malaysia, Borneo, 14.03.2006. / Ex coll. Korolev V.A., № P00125;
997. ♂, Malaysia, Borneo. 2.10.2003. / Ex coll. Korolev V.A., № P00314.

Malaysia

998. *Topotypus* ♂, W. Malaysia , Cameron Highlands. 10-13.03.2011. Ex coll. Korolev V.A. (№ P01334);
999. *Topotypus* ♂, W. Malaysia , Cameron Highlands. 10-13.03.2011. Ex coll. Korolev V.A. (№ P01335);
1000. *Topotypus* ♂, W. Malaysia , Cameron Highlands. 10-13.03.2011. Ex coll. Korolev V.A. (№ P01336);
1001. *Topotypus* ♂, W. Malaysia , Cameron Highlands. 10-13.03.2011. (Ex coll. Korolev V.A., № P01337);
1002. *Topotypus* ♂, W. Malaysia , Cameron Highlands. 10-13.03.2011. (Ex coll. Korolev V.A., № P01338);
1003. *Topotypus* ♂, W. Malaysia , Cameron Highlands. 10-13.03.2011. (Ex coll. Korolev V.A., № P01339).

Thailand

1004. ♂, Thailand, Yala, Than To, 17.03.2011. Ex coll. Korolev V.A. (№ P01340);
1005. ♂, Thailand, Yala, Than To, 17.03.2011. Ex coll. Korolev V.A. (№ P01341);
1006. ♂, Thailand, Yala, Than To, 17.03.2011. Ex coll. Korolev V.A. (№ P01342).



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1006

1007

Graphium (Graphium) bathycles manlius Fruhstorfer, 1908

Type locality: "Palawan", Palawan Is., Philippines.

Philippines, Palawan Is.

1007. *Topotypus* ♂, Philippines, Palawan Isl., 17.03.2009. Ex coll. Korolev V.A. (№ P00964).

Graphium (Graphium) chironides (Honrath, 1884)

Original description: *Papilio chiron* var. *chironides* Honrath, 1884; Berl. ent. Z. 28 (2): 396, pl. 10, f. 4.

Type locality: "bei Darjeeling, Sikkim etc.", Сикким, северо-восточная Индия.

Synonyms: *chiron* Wallace, 1865 (Homonym); *bathycles chiron* f. *vern.ligyra* Jordan, 1909.

China, Guangxi prov.

1008. (Table VII, 1008) ♂, S.China, loc. Nan-Nin, 16.09.2002./Ex coll. Korolev V.A., № P00127;
1009. ♂, China, Nanning, Guangxi, 800-1100 m, 20-26.05.2009. Ex coll. Korolev V.A. (№ P00886);
1010. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01879;
1011. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01880;
1012. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01910;
1013. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01911;
1014. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01912;
1015. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01913.



1008

1012

1016

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Thailand

1016. ♂, North. Thailand, Chiang Mai, 13-16.10.2013. Ex coll. Korolev V.A., № P01819;
1017. ♂, North. Thailand, Chiang Mai, 13-16.10.2013. Ex coll. Korolev V.A., № P01820.

Laos

1018. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. Korolev V.A., № P01868;
1019. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. Korolev V.A., № P01869;
1020. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 10.10.2013. Ex coll. Korolev V.A., № P01821;
1021. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 10.10.2013. Ex coll. Korolev V.A., № P01822.

Vietnam

1022. ♂, North. Vietnam, Sapa Mt, Lao Cai prov., 1900 m, 18.10.2013. Ex coll. Korolev V.A., № P01823.

Graphium (Graphium) doson (Felder & Felder, 1864)

Original description: *Papilio doson* C. & R. Felder, 1864; Verh. zool.-bot. Ges. Wien 14 (3) : 305, no. 222, 350, n 127 (repl. *Papilio jason* Esper).

Synonyms: *Papilio jason* Esper, 1801; *Papilio telephus* C. & R. Felder, 1864; *Papilio telephus* C. & R. Felder, 1865; *Papilio doson f. hankuronis* Matsumura, 1929; *Papilio doson f. kuronis* Matsumura, 1929.

Graphium (Graphium) doson axion (Felder & Felder, 1864)

Type locality: India sept., [?Silhet], SE Asia.

Synonyms: *acheron* Moore, 1885; *jason axion f. nivepictus* Fruhstorfer, 1903; *jason actor* Fruhstorfer, 1907; *jason nanus* Fruhstorfer, 1909; *jason praestabilis* Fruhstorfer, 1909.

China, Sintzyan prov.

1023. (Table VII, 1023) ♂, SE China, Sintzyan River, 15.07.2004, ex coll. Korolev V.A., № P00109.

Thailand

1024. ♂, Thailand, 6.08.1985, ex coll. Korolev V.A., № P00108.

Laos

1025. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 10.10.2013. Ex coll. Korolev V.A., № P01813.

Vietnam

1026. ♂, North. Vietnam, Sapa Mt, Lao Cai prov., 1900 m, 18.10.2013. Ex coll. Korolev V.A., № P01814.

Graphium (Graphium) doson gyndes (Fruhstorfer, 1907)

Type locality: "Palawan", Palawan Is., Philippines.

Philippines, Palawan Is.

1027. *Topotypus* ♂, Philippines, Palawan Isl., 12.03.2006, ex coll. Korolev V.A. (№ P00110).

Graphium (Graphium) doson nauta Tsukada & Nishiyama, 1980

Type locality: Philippines, except Palawan Is..

Philippines, Mindoro Is.

1028. ♂, Philippines, Mindoro Isl., Puerto Galera, 20.04.2006. Ex coll. Korolev V.A. (№ P01292).



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***Graphium (Graphium) doson evemonides* Honrath, 1884**

Type locality: "auf Malacca [...] auf S.-O.-Borneo", Malaysia и Indonesia (SE Borneo).

Malaysia

1029. ♂, W. Malaysia, Cameron Highlands. 15.10.2011. Ex coll. Korolev V.A. (№ P01477);

1030. ♂, W. Malaysia, Cameron Highlands. 15.10.2011. Ex coll. Korolev V.A. (№ P01478).

Indonesia, Java Is.

1031. ♂, Indonesia, W. Jawa, Sancang, 10.01.2007. Ex coll. Korolev V.A. (№ P01279)

***Graphium (Graphium) doson eurypylides* (Staudinger, 1895)**

Type locality: "Insel Sambawa", Indonesia.

Indonesia, Sambawa Is.

1032. *Topotypus* ♂, Indonesia, Sumbawa isl., loc. Dompu. 23.05.2008. Ex coll. Korolev V.A. (№ P01276).

***Graphium (Graphium) doson sangianus* Kalis, 1941**

Type locality: «Bali Isl.», Indonesia.

Indonesia, Bali Is.

1033. *Topotypus* ♂, Indonesia, Bali isl., loc. Klungkung, 20.10.2002. Ex coll. Korolev V.A. (№ P01278).

***Graphium (Graphium) eurypylus* (Linnaeus, 1758)**

Original description: *Papilio eurypylus* Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 464.

***Graphium (Graphium) eurypylus eurypylus* (Linnaeus, 1758)**

Type locality: "Ambon", Ambon Is., Indonesia.

Synonyms: *Chlorisses harrietta* Swainson, 1851; (nomen nudum); *Semicaudati kochianus* Koch, 1860; (nomen nudum).

Indonesia, Maluku, Ceram Is.

1034. (Table VII, 1034) ♂, Indonesia, Seram (Ceram) isl., Maluku islands. 14.12.1995. Ex coll. Korolev V.A. (№ P01281).

***Graphium (Graphium) eurypylus lutorius* (Fruhstorfer, 1907)**

Type locality: "Batjan", Maluku Iss.

Indonesia, Halmahera Is.

1035. ♂, Indonesia, Halmahera Isl., loc. Galela. 15.11.2000. Ex coll. Korolev V.A. (№ P01280)

***Graphium (Graphium) eurypylus sallastinus* Fruhstorfer, 1902**

Type locality: "Sumba", Indonesia.

Synonyms: *gabinus* Fruhstorfer, 1909 (Junior subjective synonym).

Indonesia, Flores Is.

1036. ♂, Indonesia, Flores Isl., loc. Maumere, 15.11.2005. Ex coll. Korolev V.A. (№ P01277).



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***Graphium (Graphium) eurypylus mecisteus* (Distant, 1885)**

Type locality: "Malay Pen.", Malaysia.

Synonyms: *daton* Fruhstorfer, 1908 (TL: W.Java).

Indonesia, Java Is.:

1037. ♂, Indonesia, Java Isl., 20.03.2006, ex coll. Korolev V.A. (№ P00121).

Graphium (Graphium) eurypylus gordion (C. & R. Felder, 1864)

Type locality: "Luzon", Philippines.

Synonyms: *Papilio gordion* C. & R. Felder, 1865.

Philippines, Mindanao Is.

1038. ♂, Philippines, Mindanao Isl., 22.03.2006, ex coll. Korolev V.A. (№ P00122).

Graphium (Graphium) eurypylus pamphylyus C. & R. Felder, 1865

Type locality: "Celebes", Sulawesi Is., Indonesia.

Synonyms: *Papilio pamphylyus* C. & R. Felder, 1864 (nom. nud.); *Papilio telephus* Wallace, 1865.

Indonesia, Sulawesi Is.

1039. *Topotypus* ♂, Indonesia, Sulawesi., 11-14.03.2009. Ex coll. Korolev V.A., № P00885;

1040. *Topotypus* ♂, Indonesia, SE Sulawesi, loc. Kendari, 16-20.03.2011. Ex coll. Korolev V.A. (№ P01362).

Graphium (Graphium) eurypylus lycaonides (Rothschild, 1895)

Type locality: "Dutch New Guinea: Humboldt Bay [...] Ati-Ati-Onin [...] coast near Arfak [...] Waigeu [...] Fergusson Island, d'Entrecasteau Islands".

Indonesia, West Irian



1041. *Topotypus* ♂, Indonesia, W.Irian, Arfak Mts., 5.07.2005, ex coll. Korolev V.A. (№ P00119);

1042. *Topotypus* ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A. (№ P01749).

Graphium (Graphium) evemon (Boisduval, 1836)

Original description: *Papilio evemon* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 234.

Graphium (Graphium) evemon eventus (Fruhstorfer, 1908)

Type locality: "Borneo [...] Natuna [...] Sumatra [...] Malay. Halbinsel".

Malaysia, Borneo Is.

1043. (Table VII, 1043) *Topotypus* ♂, Malaysia, Borneo, 14.03.2006, ex coll. Korolev V.A. (№ P00126).

Malaysia, Malakka

1044. ♂, W. Malaysia, Cameron Highlands, 10-13.03.2011. Ex coll. Korolev V.A. (№ P01349);

1045. ♂, W. Malaysia, Cameron Highlands, 10-13.03.2011. Ex coll. Korolev V.A. (№ P01350);

1046. ♂, W. Malaysia, Cameron Highlands, 10-13.03.2011. Ex coll. Korolev V.A. (№ P01351);

1047. ♂, W. Malaysia, Cameron Highlands, 10-15.10.2011. Ex coll. Korolev V.A. (№ P01352);

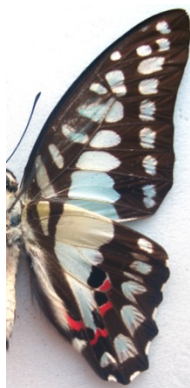
1048. ♂, W. Malaysia, Cameron Highlands, 10-15.10.2011. Ex coll. Korolev V.A. (№ P01353);

1049. ♂, W. Malaysia, Cameron Highlands, 10-15.10.2011. Ex coll. Korolev V.A. (№ P01354);

1050. ♂, W. Malaysia, Cameron Highlands, 15-20.10.2011. Ex coll. Korolev V.A. (№ P01355);

1051. ♂, W. Malaysia, Cameron Highlands, 15-20.10.2011. Ex coll. Korolev V.A. (№ P01356);

1052. ♂, W. Malaysia, Cameron Highlands 15.10.2011. Ex coll. Korolev V.A. (№ P01475).



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Thailand

1053. ♂, «*G. evemon eventus*», Thailand, Phuket, Tone Sai Waterfall, 21.03.2010. Ex coll. Korolev V.A. (№ P01357);

1054. ♂, Thailand, Yala, Than To, 10-13.10.2011. Ex coll. Korolev V.A. (№ P01358);

1055. ♂, Thailand, Yala, Than To, 10-13.10.2011. Ex coll. Korolev V.A. (№ P01359);

1056. ♂, Thailand, Yala, Than To, 10-13.10.2011. Ex coll. Korolev V.A. (№ P01360);

1057. ♂, «*G. evemon eventus*», Thailand, Yala, Than To, 17.03.2011. Ex coll. Korolev V.A. (№ P01361);

1058. ♂, Thailand, Yala loc., 10-15.10.2011. Ex coll. Korolev V.A. (№ P01476).

Graphium (Graphium) leechi (Rothschild, 1895)

Original description: *Papilio leechi* Rothschild, 1895; Novit. Zool. 2 (3): 437.

Type locality: Chang-yang, China (Sichuan).

China, Sichuan prov.

1059. (Table VII, 1059) ♂, “*Graphium leechi*”/ China. Sichuan Prov., Daba Mtn., 10-15.07.2001.
Ex coll. Korolev V.A. (№ P01511).

Graphium (Graphium) meyeri (Hopffer, 1874)

Original description: *Papilio meyeri* Hopffer, 1874; Stettin ent. Ztg 35 (1-3): 19.

Graphium (Graphium) meyeri meyeri (Hopffer, 1874)

Type locality: "Menehasse-Gebiet, Distrikt Gorontalo in Nord-Celebes", Indonesia, N.Sulawesi.

Indonesia, Sulawesi Is.

1060. (Table VII, 1060) ♂, Indonesia, S. Sulawesi, Bantimurung, 20.01.2005, ex coll. Korolev V.A.
(№ P00116);

1061. ♂, Indonesia, S. Sulawesi, Bantimurung, 20.01.2005, ex coll. Korolev V.A. (№ P00117).

Indonesia, Buton Is.

1062. ♂, Indonesia, Buton Isl., 10.05.2005, ex coll. Korolev V.A. (№ P00118)

Graphium (Graphium) milon (Felder & Felder, 1865)

Original description: *Papilio milon* C. & R. Felder, 1865; Reise Fregatte Novara, Bd 2 (Abth. 2)
(1): 6.

Graphium (Graphium) milon milon (Felder & Felder, 1865)

Type locality: “Celebes”, Sulawesi Is.

Indonesia, Sulawesi Is.

1063. (Table VII, 1063) *Topotypus* ♂, Indonesia, Sulawesi Isl., 02.1997, ex coll. Korolev V.A. (№ P00105);

1064. *Topotypus* ♂, Indonesia, S. Sulawesi, Bantimurung, 20.01.2005, ex coll. Korolev V.A. (№ P00106);

1065. ♂, *Graphium milon milon* ♂, Indonesia, SE Sulawesi, loc. Kendari, 10-14.03.2011. Ex coll. Korolev V.A. (№ P01367);

1066. ♂, *Graphium milon milon* ♂, Indonesia, SE Sulawesi, loc. Kendari, 10-14.03.2011. Ex coll. Korolev V.A. (№ P01368);

1067. ♂, *Graphium milon milon* ♂, Indonesia, SE Sulawesi, loc. Kendari, 10-14.03.2011. Ex coll. Korolev V.A. (№ P01369);
1068. ♂, *Graphium milon milon* ♂, Indonesia, SE Sulawesi, loc. Kendari, 10-14.03.2011. Ex coll. Korolev V.A. (№ P01370);
1069. ♂, *Graphium milon milon* ♂, Indonesia, SE Sulawesi, loc. Kendari, 10-14.03.2011. Ex coll. Korolev V.A. (№ P01371).

***Graphium (Graphium) milon anthedon* (C. & R. Felder, 1864)**

Type locality: "Amboina", Indonesia.

Note: first the taxon has been described as "*Papilio anthedon*", after that it designated as ssp. of *Graphium sarpedon* (см. Fujioka et al. (1997: 189). Now some authors (Vane-Wright & de Jong, 2003: 92; Peggie et al., 2005: 44) considered as a separate species, but according Häuser et al., 2005 it is a ssp. of *milon*.

Indonesia, Buru Is.



1070. ♂, Indonesia, Buru Isl., Maluku islands, 25.03.2005. Ex coll. Korolev V.A. (№ P01275);

Indonesia, Ceram Is.

1071. ♂, Indonesia, Seram (Ceram) isl., Maluku islands, 20.03.2009. Ex coll. Korolev V.A (№ P01274).

***Graphium (Graphium) monticolus* (Fruhstorfer, 1896)**

Original description: *Papilio monticolus* Fruhstorfer, 1896; Soc. Ent. 11 (3): 20.

***Graphium (Graphium) monticolus monticolus* (Fruhstorfer, 1896)**

Type locality: "am Bua Kraeng, S. Celebes in 5000 Fuss Höhe", Indonesia, S. Sulawesi.

Synonyms: *monticolum* Fruhstorfer, 1897; *monticulus* ab. *longilinea* Joicey & Talbot, 1922
Graphium sarpedon textrix Tsukada & Nishiyaa, 1980.

Indonesia, Sulawesi Is.

1072. ♂, Indonesia, Sulawesi Isl., 14.10.2010. Ex coll. Korolev V.A. (№ P00963);

1073. (Table VII, 1073) ♂, Indonesia, Centr. Sulawesi, Makki, 14.07.2007. Ex coll. Korolev V.A. (№ P01270).

Graphium (Graphium) sarpedon (Linnaeus, 1758)

Original description: *Papilio sarpedon* Linnaeus, 1758; Syst. Nat. (Edn 10) 1 : 461.

Graphium (Graphium) sarpedon sarpedon (Linnaeus, 1758)

Type locality: «Asia», corrected TL: Gonkong, China.

China, Guanxi prov.

1074. ♂, SE China, Sintzyan River, 15.07.2004, ex coll. Korolev V.A., № P00104;

Nepal

1075. ♂, Nepal, loc. Katmandu, 2000-2100 m, 13.10.2013. Ex coll. Korolev V.A., № P01806;

Philippines, Mindanao Is

1076. (Table VII, 1076) ♂, Philippines, Mindanao Isl., 10.03.2006, ex coll. Korolev V.A., № P00102.

Philippines, Mindoro Is.

1077. ♂, Philippines, Mindoro Isl., Puerto Galera. 14.09.2005. Ex coll. Korolev V.A., № P01272.

Myanmar (Burma)

1078. ♂, E. Myanmar (Burma), Chengtun loc., 5.06.2011. Ex coll. Korolev V.A., № P01809.

Thailand

1079. ♂, Thailand, Phuket, Tone Sai Waterfall, 21.03.2010. Ex coll. Korolev V.A., № P01319;

1080. ♂, Thailand, Yala, Than To, 10-13.10.2011. Ex coll. Korolev V.A., № P01320;

1081. ♂, Thailand, Yala, Than To, 10-13.10.2011. Ex coll. Korolev V.A., № P01321;

1082. ♂, North. Thailand, Chiang Mai, 13-16.10.2013. Ex coll. Korolev V.A., № P01807;

1083. ♀, North. Thailand, Chiang Mai, 13-16.10.2013. Ex coll. Korolev V.A., № P01808.

Vietnam

1084. ♂, N Vietnam, Tam Dao National Park. 1-10.06.2013. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A. (№ P01737).

Laos

1085. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A. (№ P01739).

Cambodia

1086. ♂, Cambodia, Phnom Penh vicinity, 15.10.2013. Ex coll. Korolev V.A., № P01810.



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Graphium (Graphium) sarpedon sarpedon f. melas Fruhstorfer, 1907

Type locality: "Tonkin".

Vietnam



1087. ♂, N Vietnam, Tam Dao National Park. 1-10.06.2013. Ex coll. Le Xuan Xung / . Ex coll. Korolev V.A. (№ P01738);

1088. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 10-15.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01991.

Graphium (Graphium) sarpedon connectens Fruhstorfer, 1908

Type locality: "Formosa", Taiwan Is.

Taiwan Is.

1089. *Topotypus* ♂, C.Taiwan, Nantou, Puli. 15.06.2011. Ex coll. Korolev V.A. (№ P01397);

1090. *Topotypus* ♂, C.Taiwan, Nantou, Puli. 15.06.2011. Ex coll. Korolev V.A. (№ P01398).

Graphium (Graphium) sarpedon luctatius Fruhstorfer, 1907

Type locality: "Borneo [...] Natuna, Singapore, Malay. Halbinsel".

Synonyms: *Graphium sarpedon pagus* (Fruhstorfer, 1907), see: Fujioka et al., 1997: 188.

Note: some authors (Y.Inayoshi, 1996-2012) considered this taxon as a synonym of nominative subspecies, but others (Haeuser, C. L., Holstein, J. & Steiner, A., 2005) – as a separate subspecies.

Malaysia

1091. ♂, W. Malaysia, Cameron Highlands 10-13.03.2011. Ex coll. Korolev V.A. (№ P01322);
1092. ♂, W. Malaysia, Cameron Highlands 10-13.03.2011. Ex coll. Korolev V.A. (№ P01323);
1093. ♂, W. Malaysia, Cameron Highlands. 10-13.03.2011. Ex coll. Korolev V.A. (№ P01324);
1094. ♂, W. Malaysia, Cameron Highlands 10-13.03.2011. Ex coll. Korolev V.A. (№ P01325);
1095. ♂, W. Malaysia, Cameron Highlands 10-13.03.2011. Ex coll. Korolev V.A. (№ P01326);
1096. ♂, W. Malaysia, Cameron Highlands 15-20.10.2011. Ex coll. Korolev V.A. (№ P01327);
1097. ♂, W. Malaysia, Cameron Highlands 15-20.10.2011. Ex coll. Korolev V.A. (№ P01328);
1098. ♂, W. Malaysia, Cameron Highlands 15-20.10.2011. Ex coll. Korolev V.A. (№ P01329);
1099. ♂, W. Malaysia, Cameron Highlands 15-20.10.2011. Ex coll. Korolev V.A. (№ P01330);
1100. ♂, W. Malaysia, Cameron Highlands 15-20.10.2011. Ex coll. Korolev V.A. (№ P01331);
1101. ♂, W. Malaysia, Cameron Highlands 15-20.10.2011. Ex coll. Korolev V.A. (№ P01332);
1102. ♂, W. Malaysia, Cameron Highlands 15-20.10.2011. Ex coll. Korolev V.A. (№ P01333).



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1103



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1105

Graphium (Graphium) sarpedon semifasciatus (Honrath, 1888)

Type locality: "Kiukiang (China)", Jiujiang Mt.

China, Guanchzhou prov.

1103. ♂, SE China, Guanchzhou Prov., Loc. Kanton, 09.2002, ex coll. Korolev V.A. (№ P00103).

Graphium (Graphium) sarpedon dodingensis (Rothschild, 1896)

Type locality: "Halmheira", Indonesia.

Indonesia, Morotai Is.

1104. ♂, Indonesia, Morotai Isl., Maluku islands, 18.11.2009. Ex coll. Korolev V.A. (№ P01271).

Graphium (Graphium) sarpedon choredon (C. & R. Felder, 1864)

Type locality: "Australia, Nova Guinea, Ins. Waigiou, Woodlark".

Indonesia, West Irian

1105. ♂, Indonesia, New Guinea, W.Papua, loc. Timika. 22.08.2002. Ex coll. Korolev V.A. (№ P01273).

Graphium (Graphium) cloanthus Westwood, 1841

Original description: *Papilio cloanthus* Westwood, 1841; Arcana entomologica, 1: pl. 11, f. 2, (4) 42.

Graphium (Graphium) cloanthus cloanthus Westwood, 1841

Type locality: N.India.

China, Yunnan prov.

1106. (Table VII, 1106) ♂, S. China, Yunnan Prov., 23.02.2006, ex coll. Korolev V.A. (№ P00124);

1107. ♂, South China, Yunnan Prov., Wenshan vic., 1-10.06.2014. / Ex coll. Korolev V.A., № P01990.

Vietnam

1108. ♂, N Vietnam, Tam Dao National Park. 1-10.06.2013. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A. (№ P01731);

1109. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 10-15.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01988;

1110. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 10-15.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01989.

Thailand

1111. ♂, North. Thailand. Chiang Mai, loc. Doi Suthep, 15-20.06.2012. Ex coll. Korolev V.A. . (№ P01732).

Laos

1112. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. Le Xuan Xung / ex coll. Korolev V.A. (№ P01733).

Myanmar (Burma)

1113. ♂, E. Myanmar (Burma), Shan State, Mong Hpayak District., 1-6.06.2010. Ex coll. Korolev V.A. (№ P01736).

Graphium (Graphium) sandawanum Yamamoto, 1977

Original description: *Graphium sandawanum* Yamamoto, 1977; Trans. lep. Soc. Jap. 28 (3): 87.

Graphium (Graphium) sandawanum sandawanum Yamamoto, 1977

Type locality: "Philippines, Mindanao, Mt. Apo", Philippines.

Philippines, Mindanao Is.:

1114. (Table VII, 1114) *Topotypus* ♂, Philippines, Mindanao Isl., loc. Apo Mts., 5.02.2004, ex coll. Korolev V.A. (№ P00120).

Graphium (Graphium) weiskei (Ribbe, 1900)

Original description: *Papilio weiskei* Ribbe, 1900; Insekten-Börse 17 (39): 308.

Type locality: "Neuguinea (englischer Theil) [...] in einer Höhe von ca. 7000 Fuss engl."

Indonesia, West Irian

1115. (Table VII, 1115) *Topotypus* ♂, Indonesia, Irian Jaua, 16.02.2006, ex coll. Korolev V.A. (№ P00087);

1116. *Topotypus* ♂, W. Irian, Arfak [Isl] (!), 15.02.2009. Ex coll. Korolev V.A. (№ P00965);

1117. *Topotypus* ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A. (№ P01750).

Graphium (Graphium) stresemanni Rothschild, 1916

Original description: *Papilio weiskei stresemanni* Rothschild, 1915; in Rothschild & Durrant, Lep. B.O.U. Exp. New Guinea: 4.

Type locality: "Ceram"; Ceram Is., Indonesia.

Graphium (Graphium) stresemanni stresemanni Rothschild, 1916

Indonesia, Ceram Is.

1118. (Table VII, 1118) *Topotypus* ♂, Indonesia, Ceram Isl., 20.01.2011. Ex coll. Korolev V.A. (№ P01156).

Graphium (Graphium) codrus (Cramer, 1777)

Original description: *Papilio codrus* Cramer, [1777]; Uitl. Kapellen 2 (9-16): 127, pl. 179, f. A, B.

Graphium (Graphium) codrus codrus (Cramer, 1777)

Type locality: Buru, Ambon, Serang, [Indonesia].

Indonesia, Ceram Is.

1119. (Table VII, 1119) ♂, Indonesia, Ceram Isl., 10.02.2005, ex coll. Korolev V.A., № P00133.

Graphium (Graphium) codrus gilolensis (Wallace, 1865)

Type locality: "Bachan, Ternate, Halmahera".

Indonesia, Halmahera Is.



1120. ♂, "*Graphium codrus gilolensis* ♂" / Indonesia, N. Halmahera, Mt. Gamkonora. 25.02.2013.
Ex coll. Korolev V.A. (№ P01710).

Graphium (Graphium) empedovana (Corbet, 1941)

Original description: *Papilio empedovana* Corbet, 1941; J. fed. Malay St. Mus. 18 (5): 805.

Graphium (Graphium) empedovana empedovana (Corbet, 1941)

Type locality: "Celebes" (?)

Indonesia, Java Is.

1121. (Table VII, 1121) ♂, Indonesia, Java, 12.03.2006, ex coll. Korolev V.A. (№ P00097);

1122. ♀, Indonesia, Java, 12.03.2006, ex coll. Korolev V.A. (№ P00098).

Subgenus *Paranticopsis* Wood-Mason & de Niceville, [1887]

Graphium (Paranticopsis) encelades (Boisduval, 1836)

Original description: *Papilio encelades* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 376.

Graphium (Paranticopsis) encelades encelades (Boisduval, 1836)

Type locality: "Moluques" (?), revised Type locality: Sulawesi Is..

Indonesia, Sulawesi Is.

1123. (Table VII, 1123) ♂, “*Graphium encelades*” ♂ / Indonesia, S.Sulawesi, Puncak. 10.04.1998.
/ Ex coll. Korolev V.A., № P01480.

***Graphium (Paranticopsis) delesserti* (Guérin-Méneville, 1839)**

Original description: *Papilio delessertii* Guérin-Méneville, 1839; Rev. zool. (Soc. Cuvier) 2 (8): 233-235.

Type locality: Penang, Malaysia.

***Graphium (Paranticopsis) delesserti palawanus* (Staudinger, 1889)**

Type locality: Palawan Is., Philippines.

Philippines, Palawan Is.

1124. (Table VII, 1124) ♂, Philippines, Palawan Isl., 20.12.2004, ex coll. Korolev V.A., №P00092.

***Graphium (Paranticopsis) macareus* (Godart, 1819)**

Original description: *Papilio macareus* Godart, 1819; Encyclopédie Méthodique. 9 (1): 21, 76, no. 144.

Type locality: “Java”; Indonesia.

***Graphium (Paranticopsis) macareus palawanicola* Koçak, 1980**

Type locality: Palawan Is., Philippines.

Philippines, Palawan Is.

1125. (Table VII, 1125) ♂, Philippines, Palawan Isl., 12.03.2006, ex coll. Korolev V.A. № P00093.

***Graphium (Paranticopsis) deucalion* (Boisduval, 1836)**

Original description: *Papilio deucalion* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 375.

Type locality: "Moluques" [error]; corrected Type locality – Sulawesi Is. (Indonesia).

Indonesia, Sulawesi Is.

1126. (Table VII, 1126) ♂, Indonesia, Centr. Sulawesi, Luulul, 10.10.2008. Ex coll. Korolev V.A. (№ P01287).

***Graphium (Paranticopsis) megaera* (Staudinger, 1888)**

Original description: *Papilio megaera* Staudinger, 1888; Corr.-Bl. Ent. Ver. Iris 1 (5): 275.

Type locality: Palawan Is., Philippines.

Philippines, Palawan Is.

1127. (Table VII, 1127) ♂, Philippines, Palawan Isl., 3.11.2004, ex coll. Korolev V.A., № P00096.

***Graphium (Paranticopsis) megarus* (Westwood, 1844)**

Original description: *Papilio megarus* Westwood, 1844; Arcana entomologica, 2: 98, pl. 72, f. 2.

***Graphium (Paranticopsis) megarus marthae* Toxopeus, 1938**

Type locality: "E.Java, Bali"; Indonesia.

Indonesia, Bali Is.

1128. (Table VII, 1128) ♂, "*Graphium megarus marthae* ♂" / Indonesia, W. Bali, 10.2012. Ex coll. Korolev V.A. (№ P01696).

***Graphium (Paranticopsis) ramaceus* (Westwood, 1872)**

Original description: *Papilio ramaceus* Westwood, 1872; Trans. ent. Soc. Lond. 1872 (2) : 95, pl. 5, f. 3.

***Graphium (Paranticopsis) ramaceus pendleburyi* Corbet, 1941**

Type locality: "India orientali (circa Pulo Penang ?)", Malaysia.

Synonyms: *Papilio leucothoe* Westwood, 1845 : Arcana Ent. 2:128, pl.79, fig.3. TL. India orientali (circa Pulo Penang ?)" (homonym); *Papilio ramaceus dealbatus* Pendlebury, 1939: J. Fed. Malay St. Mus. 18:381-382. (homonym).

Malaysia

1129. (Table VII, 1129) ♂, W. Malaysia, Cameron Highlands, 15-20.10.2011. Ex coll. Korolev V.A. (№ P01472);

1130. ♂, W. Malaysia, Cameron Highlands, 15-20.10.2011. Ex coll. Korolev V.A. (№ P01473).

Thailand

1131. ♂, Thailand, Yala, Than To, 10-13.10.2011. Ex coll. Korolev V.A. (№ P01536).

***Graphium (Paranticopsis) stratocles* (Felder & Felder, 1862)**

Original description: *Papilio stratocles* C. & R. Felder, 1861; Wien. ent. Monats. 5 (10): 298, n. 4.

***Graphium (Paranticopsis) stratocles stratocles* (Felder & Felder, 1862)**

Type locality: "Mindanao" [error?]; Philippines.

Philippines, Mindoro Is.

1132. (Table VII, 1132) ♂, Philippines, Mindoro Isl., 6.11.2006, ex coll. Korolev V.A. (№ P00316).

***Graphium (Paranticopsis) stratocles dodongi* (Page & Treadaway, 2003)**

Type locality: "Iwahig"; ?Palawan Is., Philippines.

Synonyms: *Arisbe (Paranticopsis) stratocles dodongi*; Page & Treadaway, 2003.

Philippines, Palawan Is.



1133. ♂, Philippines, Palawan Isl., 12.10.2004, ex coll. Korolev V.A. (№ P00090).

Graphium (Paranticopsis) stratoctes senectus Tsukada & Nishiyama, 1980

Type locality: "Luzon, Marinduque"; Philippines.

Philippines, Luzon Is.



1134. ♂, Philippines, Luzon Isl., 10.04.2005, ex coll. Korolev V.A. (№ P00091).

Graphium (Paranticopsis) xenocles (Doubleday, 1842)

Original description: *Papilio xenocles* Doubleday, 1842; in Gray, Zool. Miscell. (2d): 74.

Type locality: "Sylhet" (NE India).

Graphium (Paranticopsis) xenocles kephisos (Fruhstorfer, 1902)

Type locality: Chiem-Hoa, N.Vietnam.

Vietnam

1135. ♂, N Vietnam, Tam Dao National Park. 1-10.06.2013. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A., № P01818;

Thailand

1136. (Table VIII, 1136) ♂, Thailand, Chiang Rai, Wiang Pa Pao, 17.09.2005. Ex coll. Korolev V.A.. (№ P00711);

1137. ♂, Thailand, Chiang Mai, 10-16.10.2012. Ex coll. Korolev V.A.. (№ P01546).

Graphium (Paranticopsis) thule (Wallace, 1865)

Original description: *Papilio thule* Wallace, 1865; Trans. Linn. Soc. Lond. 25 (1): 63, pl. 7, f. 1

Type locality: "New Guinea", corrected TL: W.Irian.

Synonyms: *Papilio thule leuthe* Grose-Smith, 1894; Novit. zool. 1 (2): 333, TL: German New Guinea; *Papilio goldiei* Godman & Salvin, 1880; Proc. zool. Soc. Lond. 1880: 613, 614 (note), TL: New Guinea; *Papilio felixi* Joicey & Noakes, 1915; Trans. ent. Soc. Lond. 1915 (2): 178, pl. 21, f. 2, TL: Biak.

Indonesia, W.Irian

1138. (Table VIII, 1138) *Topotypus* ♂, "*Graphium thule* ♂" / Indonesia, W.Papua, Nabire. 02. 2013. Ex coll. Korolev V.A. (№ P01697).

Genus *Meandrusa* Moore, 1888

Meandrusa payeni (Boisduval, 1836)

Original description: *Papilio payeni* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 235.

Type locality: "Java"; Indonesia.

Meandrusa payeni ciminus (Fruhstorfer, 1909)

Type locality: "Sumatra; Malay" (Malaysia, Indonesia).

Malaysia

1139. (Table VIII, 1139) ♂, Malaysia, 15.02.2009. Ex coll. Korolev V.A., № P00909.

Meandrusa sciron (Leech, 1890)

Original description: *Papilio sciron* Leech, 1890; Entomologist, 23: 192.

Type locality: "Chia-Kou-Ho [...] Huang-mu-Chung" (SW China).

China, Sichuan prov.

1140. (Table VIII, 1140) ♂, "*Meandrusa sciron*" ♂ / China. Sichuan Prov., Daba Mtn., 15.08.2001
Ex coll. Korolev V.A., № P01521;

1141. ♂, China, W. Sichuan, Wenchuan env., 1900 m, 1.07.2011. / Ex coll. Korolev V.A., № P01956.

Meandrusa lachinus (Fruhstorfer, 1902)

Original description: *Papilio gyas* subspec. *lachinus* Fruhstorfer, 1902.

Type locality: "N. Burma" (Myanmar).

N. Thailand



1142. ♂, Thailand, Chiang Mai, Fang, 13.11.2009. Ex coll. Korolev V.A., № P00923;

1143. (Table VIII, 1143) ♂, Thailand, Fhang, 17.03.2008. Ex coll. Korolev V.A., № P00970).

Genus *Mimoides* Brown, 1991

***Mimoides ariarathes* (Esper, 1788)**

Original description: *Papilio ariarathes* Esper, 1788; Die ausl. Schmett. : 57, pl. 14, f. 2, (TL: not designated: "S. Amer.).

***Mimoides ariarathes gayi* (Lucas, 1852)**

Type locality: "Cusco", Peru.

Synonyms: *cynamon* (Gray, 1853).

Peru

1144. (Table VIII, 1144) ♂, Peru, Loreto, Momon River, San Juan de Polis. 5.03.2007. Ex coll. Korolev V.A. (№ P00702);

1145. ♂, N. Peru, San Martin Province, Juanjuy, 30.08.2000. Ex coll. Korolev V.A. (№ P01192).

***Mimoides lysithous* (Hübner, [1821])**

Original description: *Hectorides lysithous* Hübner, [1821]; Samml. exot. Schmett. 2 : pl. 106.

***Mimoides lysithous rurik* (Eschscholtz, 1821)**

Type locality: Brazil (Santa Catarina).

Argentina, Misiones state

1146. (Table VIII, 1146) ♂, Argentina, Dos de Mayo. Misiones. 500 m., 1.12.2005. Ex coll. Korolev V.A. (№ P00698).

Mimoides pausanias (Hewitson, 1852)

Original description: *Papilio pausanias* Hewitson, 1852; Trans. ent. Soc. Lond. (2) 2 (1) : 22, pl. 6, f. 2.

Mimoides pausanias pausanias (Hewitson, 1852)

Type locality: British Guiana; Brazil, Ega Is.

Peru

1147. (Table VIII, 1147) ♂, Peru, Loreto prov., Iquitos, 20.07.1996, ex coll. V.Tuzov // Ex coll. Korolev V.A. (№ P00853);

1148. ♂, Peru, Tingo Maria, 6.02.2006. Ex coll. Korolev V.A. (№ P00854);

1149. ♂, N. Peru, San Martin Province, Juanjuy, 15.08.2003. Ex coll. Korolev V.A. (№ P01225).

Mimoides xeniades (Hewitson, 1867)

Original description: *Papilio xeniades* Hewitson, 1867; Trans. ent. Soc. Lond. (3) 5: 561.

Mimoides xeniades halex (Rothschild & Jordan, 1906)

Type locality: “Colombia”.

Colombia

1150. *Topotypus* ♂, Colombia, Bogota loc., 17.02.1998. Ex coll. Korolev V.A., № P01932;

Mimoides xeniades signatus (Tyler, Brown & Wilson, 1994)

Type locality: Peru, Bolivia.

Synonyms: *harmodius* (Doubleday, 1846); Ann. Mag. nat. Hist. 18 (121) : 374 (preocc. Cramer, 1779), (TL: «Bolivia»).

Bolivia

1151. ♂, Bolivia, Jurua river, 18.01.2008. Ex coll. Korolev V.A., № P01930;

1152. ♂, Bolivia, Jurua river, 18.01.2008. Ex coll. Korolev V.A., № P01931.

Peru

1153. (Table VIII, 1153) ♂, Peru, Tingo Maria, May 2005. Ex coll. Korolev V.A. (№ P00849);

1154. ♂, N. Peru, San Martin Province, Juanjuy, 10.01.2004. Ex coll. Korolev V.A. (№ P01194);

1155. ♂, C.Peru, Lima, Callao, Jorge Chaves vic., 14.02.2003. Ex coll. Korolev V.A. (№ P01195);

1156. ♂, C.Peru, Lima, Callao, Jorge Chaves vic., 14.02.2003. Ex coll. Korolev V.A. (№ P01196);

1157. ♂, N.-E. Peru, Amazonas Dept., Pedro Ruiz Gallo, 22.12.2001. Ex coll. Korolev V. (№ P01223);

1158. ♂, N.-E. Peru, Amazonas Region, Rodriguez de Mendoza Province, 22.10.2002. Ex coll. Korolev V.A. (№ P01224);

1159. ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01927;
 1160. ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01928;
 1161. ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01929.



1154

1157

1158

1162

Mimoides xeniades tabaconas (Joicey & Talbot, 1918)

Type locality: “River Tabaconas, N. Peru, 6000 ft”.

Peru

1162. *Topotypus* ♂, Peru, Cajamarca reg., San Ignacio Province, River Tabaconas. 13.01.2002. Ex coll. Korolev V.A. (Экз. № P01193).

Mimoides xynias (Hewitson, 1875)

Original description: *Papilio xynias* Hewitson, 1875; Ent. mon. Mag. 12: 153.

Mimoides xynias xynias (Hewitson, 1875)

Type locality: “Bolivia”.

Synonyms: *Papilio trapeza* f. *trapezoides* Niepelt, 1913; (TL: Peru).

Peru

1163. (Table VIII, 1163) ♂, Peru, Tingo Maria, May 2005. Ex coll. Korolev V.A. (№ P00848).

Tribe *TEINOPALPINI* Grote, 1899

Genus *Teinopalpus* Hope, 1843

Teinopalpus Hope, 1843; Trans. linn. Soc. Lond. 19 (2): 131; Type species: *Teinopalpus imperialis* Hope, 1843.

Teinopalpus imperialis Hope, 1843

Original description: *Teinopalpus imperialis* Hope, 1843; Trans. linn. Soc. Lond. 19 (2) : 131, pl. 11, f. 1-2♂; *Teinopalpus parryae* Hope, 1843; Trans. linn. Soc. Lond. 19 (2) : 131, pl. 11, f. 3-4♀.

Synonyms: *Teinopalpus imperialis himalaicus* Rothschild, 1898; Novit. Zool. 5 (3): 602, TL: Bhutan.

Teinopalpus imperialis behludinii Pen, 1936

Type locality: Mt. Behludin, Sichuan, China.

China, Sichuan prov.

1164. *Topotypus* ♂, SW China, Szechuan Province, loc. Bailuding, 50 km N from Chendu, 2-10.06.2013. Ex coll. Korolev V.A., № P01831;

1165. *Topotypus* ♀, SW China, Szechuan Province, loc. Bailuding, 50 km N from Chendu, 2-10.06.2013. Ex coll. Korolev V.A., № P01832;

1166. (Table VIII, 1165) ♂, China, Sichuan, 6.06.2008. / Ex coll. Korolev V.A., № P00921.



1164



1165



1166

Type locality: Shan States to Upper Tenasserim, Myanmar (Burma).

Synonyms: according Racheli & Cotton (2009) *imperatrix* synonymized with *ssp. bhumipoli*, *gerrilesi* and *gillesi* (from N Thailand, NW Thailand and NE Laos respectively); Cotton & Racheli (2006), when synonymizing these taxa with *imperatrix*, mistakenly also synonymized *hakkaorum* Schaffler (2004) (Type locality: China, Guangdong, Lianhua Shan, 60 km. east of Meizhou, 1400 m).

North Vietnam

1167. ♂, N.Vietnam, Lao Cai prov., Sapa Mt, 1300 m, 14.07.2014. Ex coll. Korolev V.A., № P02021;

1168. ♂, N.Vietnam, Lao Cai prov., Sapa Mt, 1300 m, 14.07.2014. Ex coll. Korolev V.A., № P02023;

1169. ♂, N.Vietnam, Yen Bai prov., 13.05.2014. Ex coll. Korolev V.A., № P02022;



1167



1168



1169

Teinopalpus aureus Mell, 1923

Original description: *Teinopalpus aureus* Mell, 1923; Deut. ent. Zeit. 1923 (2): 153.

Teinopalpus aureus shinkaii Morita, 1998

Type locality: Mt. Pia Oac and Mt. Tam Dao; N.Vietnam.

North Vietnam

1170. *Topotypus* ♂, N Vietnam, Tam Dao National Park. 15.04.2013. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01871;



1171. *Topotypus* ♂, N Vietnam, Tam Dao National Park. 15.04.2013. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01872;

1172. *Topotypus* ♂, N Vietnam, Tam Dao National Park, Tam Dao Mts., 16.05.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P02020.

Tribe *TROIDINI* Talbot, 1939

Genus *Cressida* Swainson, 1832

Cressida cressida (Fabricius, 1775)

Original description: *Papilio cressida* Fabricius, 1775; Syst. Ent.: 448.

Cressida cressida insularis (Fruhstorfer, 1909)

Type locality: Tanimbar, Leti, Moa, Baber; Indonesia.

Indonesia, Moa Is.



1173. ♂, Indonesia, Moa Isl., 12.07.1999. Ex coll. Korolev V.A., № P00580.

Genus *Battus* Scopoli, 1777

Battus belus (Cramer, 1777)

Original description: *Papilio numitor* Cramer, [1777]; Uitl. Kapellen 2 (9-16): 25, pl. 113, f. B.

Type locality: "Surinam", (French Guiana).

Battus belus varus (Kollar, 1850)

Type locality: "Nova-Granada ad ripas fluminis St. Magdalena", Guatemala.

Peru

1174. (Table VIII, 1174) ♂, Peru, Marañon river, 12.03.2007. / Ex coll. Korolev V.A., № P00762.

Battus belus cochabamba (Weeks, 1901)

Type locality: "S.O. Peru; Bolivien (Cochabamba)", Peru.



1174

1175

Peru

1175. ♂, N. Peru, San Martin Province, Juanjuy, 11.11.2000. Ex coll. Korolev V.A. (№ P01233);

1176. ♂, N. Peru, San Martin Province, Juanjuy, 11.11.2000. Ex coll. Korolev V.A. (№ P01234).

***Battus laodamas* (C. & R. Felder, 1859)**

Original description: *Papilio laodamas* C. & R. Felder, 1859; Wien. ent. Monats. 3 (12): 393, pl. 8, f. 1.

***Battus laodamas copanae* (Reakirt, 1863)**

Type locality: "Ost Mexiko bis Honduras; ?Nicaragua".

Mexico

1177. (Table VIII, 1177) ♂, Mexico, Veracruz, Catemaco. 15.07.2011. Ex coll. Korolev V.A. (№ P01318).

***Battus crassus* (Cramer, 1777)**

Original description: *Papilio crassus* Cramer, [1777]; Uitl. Kapellen 2 (9-16): 23, pl. 112, f. C.

***Battus crassus crassus* (Cramer, 1777)**

Type locality: "de Suriname" or "Costa Rica, Rio de Janeiro".

Peru

1178. (Table VIII, 1178) ♂, Peru, Uanuko prov., Tingo Maria, 10.02.2006. Ex coll. Korolev V.A. (№ P00856);

1179. ♂, Peru, Uanuko prov., Tingo Maria, 9.03.2007. Ex coll. Korolev V.A. (№ P00873).

Battus ingenuus (Dyar, 1907)

Original description: *Papilio ingenuus* Dyar, 1907.

Type locality: Orizaba, Mexico.

Mexico

1180. (Table VIII, 1180) ♂, Mexico, Veracruz, Santa Martha, 950 m, 10-15.09.2008. Ex coll. Korolev V.A. (№ P00892).

Battus lycidas (Cramer, 1777)

Original description: *Papilio lycidas* Cramer, 1777, Pap. Exot., 2:25, t. 113, f. A

Type locality: "Guatemala bis Bolivien, Para".

Costa Rica

1181. (Table VIII, 1181) ♂, Costa Rica, 15.10.2009. Ex coll. Korolev V.A.. (№ P00924).

Battus philenor (Linnaeus, 1771)

Original description: *Papilio (Eques) philenor* Linnaeus, 1771; Mantissa Plantarum, 2: 535, tab. 4,6.

Type locality: "America" (USA).

USA, North Carolina

1182. (Table VIII, 1182) *gen. aestiva* ♂, "*Battus philenor philenor*" [Summer f.] USA, North Carolina, Macon Co., 10.08.2009. Ex coll. Korolev V.A. (№ P01300);

1183. (Table VIII, 1183) *gen. aestiva* ♀, "*Battus philenor philenor*" [Summer f.] USA, North Carolina, Macon Co., 12.07.2009. Ex coll. Korolev V.A. (№ P01301);



1184. *gen. vern* ♂, «*Battus philenor philenor* (Spring f.) ♂» / USA, North Carolina, Macon Co. 1.04.2009. Ex coll. Korolev V.A., (№ P01180).

Battus madyes (Doubleday, 1846)

Original description: *Papilio madyes* Doubleday, 1846, Ann. Mag. Nat. Hist., 18:375.

Synonyms: *madyes* (Doubleday, 1848).

Battus madyes chlorodamas (Guenée, 1872)

Type locality: “Oestl Zentral Peru”; (E. and C.Peru).

Synonyms: *Papilio madyes chlorodamas* f. *marsyas* Staudinger, 1894, Deutsch. Ent. Zeitschr, Iris, 7:59.

Peru

1185. (Table VIII, 1185) ♂, “*Battus madyes chlorodamas*” ♂, Peru, Tingo Maria, 15.10.2011. Ex coll. Korolev V.A. (№ P01383).

Battus madyes plinius (Weymer, 1890)

Type locality: “N.Peru, prov. Chachapoyas Moyamba”.

Peru

1186. ♂, Peru, Loreto. Amazonas river, 13.02.2008. Ex coll. Korolev V.A. (№ P00893);

1187. ♂, Peru, Loreto, Momon river. 10-12.12.2007. Ex coll. Korolev V.A. (№ P00896);

1188. ♂, N. Peru, San Martin Province, Juanjuy, 16.10.2003. Ex coll. Korolev V.A. (№ P01229);

1189. ♂, N.-E. Peru. Amazonas Region, Rodriguez de Mendoza Province, 11.01.2003. Ex coll. Korolev V.A. (№ P01230).



1186

1187

1190

1192

Battus madyes magnimacula (Joicey & Talbot, 1925)

Type locality: “W. slopes of the Andes, 10000” (N.Peru)..

Peru

1190. ♂, N. Peru, San Martin Province, Juanjuy, 10.07.2001. Ex coll. Korolev V.A. (№ P01231);

1191. ♂, N.-E. Peru. Amazonas Region, Rodriguez de Mendoza Province, 15.01.2004. Ex coll. Korolev V.A. (№ P01232);

1192. ♂, "*Battus madyes magnimaculata*" ♂, Peru, Tingo Maria, 17.05.2011. Ex coll. Korolev V.A. (№ P01382).

Battus polydamas (Linnaeus, 1758)

Original description: *Papilio (Equites) polydamas* Linnaeus, 1758; Syst. Nat. (Edn. 10) 1: 460 (№ 11).

Battus polydamas polydamas (Linnaeus, 1758)

Type locality: "Hibisco mutabili Americes" (continental Central America). In some works the Type locality has been designated as "Georgien Argentinien" (Beccaloni, G. W. et al., 2003), but in others – Surinam. The last TL followed from the cite of C.Linnaeus in original description of polydamas by publication M.Merian about Surinam ("sur. 31, t.31").

Synonyms: *Battus polydamas psittacus* (Molina, 1782).

Costa Rica

1193. ♂, Costa Rica. 17.11.2009. Ex coll. Korolev V.A. (№ P00925).

Peru:

1194. (Table VIII, 1194) ♂, Peru, Tingo Maria, 6.11.2006. Ex coll. Korolev V.A. (№ P00855);

1195. ♂, C.Peru, Lima, Callao, Jorge Chaves vic., 30.03.1999. Ex coll. Korolev V.A. (№ P01235).

Argentina

1196. ♂, Argentina, Dos de Mayo. Misiones. 500 m. 8.11.2006. Ex coll. Korolev V.A. (№ P00696).

Genus *Parides* Hübner, 1819

Parides agavus (Drury, 1782)

Original description: *Papilio agavus* Drury, 1782; Illust. Nat. Hist. Exot. Insects 3: index, : 11, pl. 9, f. 4.

Type locality: Brazil (Rio de Janeiro).

Argentina

1197. (Table VIII, 1197) ♂, Argentina, Rio Parana, 5.11.2007. Ex coll. Korolev V.A. (№ P00908).

Parides bunichus (Hübner, 1821)

Original description: *Menelaides bunichus* Hübner, [1821]; Samml. exot. Schmett. 2 : pl. 103.

Parides bunichus damocrates (Guenee, 1872)

Type locality: Argentina.

Argentina

1198. (Table IX, 1198) ♂, Argentina, Rio Parana, 10-15.12.2007. Ex coll. Korolev V.A. (№ P00767).

Parides bunicus perrhebus (Boisduval, 1836)

Type locality: Paraguay.

Brazil

1199. (Table IX, 1199) ♂, Brazil, Sao Paolo, 5.11.2010. Ex coll. Korolev V.A. (№ P00976).

Parides montezuma (Westwood, 1842)

Original description: *Papilio montezuma* Westwood, 1842; Arcana entomologica, 1: 67, pl. 18, f. 3.

Type locality: Mexico.

Mexico

1200. (Table IX, 1200) ♂, Mexico, Veracruz, Catemaco 650 m, 10-15.03.2012. Ex coll. Korolev V.A. (№ P01440).

Parides photinus (Doubleday, 1844)

Original description: *Papilio photinus* Doubleday, 1844; Ann. Mag. nat. Hist. 14 (93): 415

Type locality: "Mexico?".

Mexico

1201. (Table IX, 1201) ♀, Mexico, Veracruz, Catemaco, 650 m, 10-15.03.2012. Ex coll. Korolev V.A. (№ P01441).

Parides erithalion (Boisduval, 1836)

Original description: *Papilio erithalion* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 295.

Parides erithalion xanthias (Rothschild & Jordan, 1906)

Type locality: «Peru».

Peru

1202. (Table IX, 1202) ♂, Peru, Prov. Loreto, Iquitos, 1.04.1996, ex coll. Korolev V.A. (№ P00844);

1203. ♂, N.-E. Peru. Amazonas Region, Rodriguez de Mendoza Province, 30.06.2001. Ex coll. Korolev V.A. (№ P01197);

1204. ♂, C.Peru, Lima, Callao, Jorge Chaves vic., 16.10.2000. Ex coll. Korolev V.A. (№ P01198);

1205. ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01936.

Parides erithalion polyzelus (Felder & Felder, 1865)

Type locality: «Mexico».

Synonyms: *Papilio alector* Bates, 1861 (nom. nud.); *Papilio candezei* Borre, 1884.

Mexico

1206. (Table IX, 1206) ♂, Mexico, Veracruz, 20.11.2010. Ex coll. Korolev V.A. (№ P00978).



1207. ♀, Mexico, Veracruz, 20.11.2010. Ex coll. Korolev V.A. (№ P00979).

Parides erithalion chinchipensis (Joicey & Talbot, 1918)

Type locality: «Peru».

Peru



1208. ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01937.

Parides eurimedes (Stoll, 1782)

Original description: *Papilio eurimedes* Stoll, [1782]; in Cramer, Utitl. Kapellen 4 (32-32): 19, pl. 386.

Synonyms: *Papilio arcas* Stoll, [1782]; *Papilio viridimaculatus* Goeze, 1779.

Parides eurimedes mylotes (Bates, 1861)

Type locality: Nicaragua.

Costa Rica

1209. (Table IX, 1209) ♂, Costa Rica, 14.12. 2009. Ex coll. Korolev V.A. (№ P00930).

Parides lysander (Cramer, 1775)

Original description: *Papilio lysander* Cramer, [1775]; Utitl. Kapellen I (1-7): 46, pl. 29, f. C, D.

Parides lysander brissonius (Hübner, [1819])

Type locality: Columbia..

Synonyms: *Papilio phrynichus* C. & R. Felder, 1864; *Papilio lysander f. stramineus* Biedermann, 1938; *Papilio lysander isanae* Rousseau-Decelle, 1943; *Papilio lysander f. extensa* Rousseau-Decelle, 1943; *Papilio lysander f. reducta* Rousseau-Decelle, 1943.

Peru

1210. (Table IX, 1210) ♂, Peru, Loreto, Amazonas River, Picuroyacu, 15.07.2010. Ex coll. Korolev V.A.. (№ P01034);

1211. ♂, N. Peru, San Martin Province, Juanjuy, 26.02.2001. Ex coll. Korolev V.A. (№ P01201);

1212. ♂, N. Peru, San Martin Province, Juanjuy, 15.08.2003. Ex coll. Korolev V.A. (№ P01202).

Parides neophilus (Geyer, 1837)

Original description: *Priamides neophilus* Geyer, 1837; in Hübner, Zuträge. Samml. exot. Schmett. 5 : 46, : pl. [172], f. 997-998.

Parides neophilus anaximenes (C. & R. Felder, 1862)

Type locality: “Brazil, Amazonas”.

Peru

1213. (Table IX, 1213) ♂, Peru, Loreto Prov., Amazonas River, Picuroyacu. 10.03.2010 .Ex coll. Korolev V.A. (№ P00977).

Parides neophilus eurybates (Gray, [1853])

Type locality: not designated (Brazil).

Argentina

1214. (Table IX, 1214) ♀, Argentina, 19.07.2008. Ex coll. Korolev V.A. (№ P00975).

Parides neophilus olivencius (Bates, 1861)

Type locality: «St. Paulo de Olivenca and Bogotá».

Synonyms: *Papilio schuppi* Röber, 1927.

Peru

1215. (Table IX, 1215) ♂, N. Peru, San Martin Province, Juanjuy, 20.06.1999. Ex coll. Korolev V.A. (№ P01199);

1216. ♂, N. Peru, San Martin Province, Juanjuy, 16.01.2003. Ex coll. Korolev V.A. (№ P01200);

1217. ♂, N. Peru, San Martin Province, Juanjuy, 10.02.2000. Ex coll. Korolev V.A. (№ P01221);

1218. (Table IX, 1218) ♀, Peru, Loreto. 6.09.2007. Ex coll. Korolev V.A. (№ P00928)

1219. ♀, N. Peru, San Martin Province, Juanjuy, 20.07.1999. Ex coll. Korolev V.A. (№ P01191);
 1220. ♀, N. Peru, San Martin Province, Juanjuy, 10.02.2000. Ex coll. Korolev V.A. (№ P01218);
 1221. ♀, N. Peru, San Martin Province, Juanjuy, 11.10.2002. Ex coll. Korolev V.A. (№ P01219);
 1222. ♀, N. Peru, San Martin Province, Juanjuy, 10.11.2002. Ex coll. Korolev V.A. (№ P01220);
 1223. ♀, Peru, Uanuko prov., Tingo Maria, 07.1996. [Ex coll. V.Tuzov] // Ex coll. Korolev V.A. (№ P00850);
 1224. ♀, N.-E. PERU, Amazonas Dept., Pedro Ruiz Gallo, 18.12.2001. Ex coll. Korolev V.A. (№ P01308).
 1225. ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01935.



1218

1220

1221

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Parides panares (Gray, [1853])

Original description: *Papilio panares* Gray, [1853]; Cat. lep. Ins. Coll. Brit. Mus. 1 (Papilionidae): 45, pl. 10, f. 4.

Parides panares lycimenes (Boisduval, 1870)

Type locality: Costa Rica.

Costa Rica

1226. (Table IX, 1226) *Topotypus* ♂, Costa Rica, 14.12. 2009. Ex coll. Korolev V.A. (№ P00929).

Parides sesostris (Cramer, 1779)

Original description: *Papilio sesostris* Cramer, [1779]; *Uitl. Kapellen* 3 (17-21): 34, pl. 211, f. F, G.

Parides sesostris sesostris (Cramer, 1779)

Type locality: "Surinamen is haar Vaderland. [...] Sa patrie est Suriname".

Peru

1227. (Table IX, 1227) ♂, P Peru, Tingo Maria, 12.03.2007. Ex coll. Korolev V.A. (№ P00852).

1228. ♂, Peru, Loreto prov., Iquitos, 12.07.1996, ex coll. V.Tuzov // Ex coll. Korolev V.A. (№ P00851);
 1229. ♂, N. Peru, San Martin Province, Juanjuy, 17.06.2001. Ex coll. Korolev V.A.. (№ P01186);
 1230. ♂, N. Peru, San Martin Province, Juanjuy, 10.07.2001. Ex coll. Korolev V.A. (№ P01187);
 1231. ♂, N. Peru, San Martin Province, Juanjuy, 25.08.2002. Ex coll. Korolev V.A. (№ P01188);
 1232. ♂, N. Peru, San Martin Province, Juanjuy, 10.06.2002. Ex coll. Korolev V.A. (№ P01189).

Papilio aeneas Linnaeus, 1758

Original description: *Papilio aeneas* Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 461, TL: "Asia" (error).
 Corrected TL: South America, probably Surinam.

Parides aeneas damis (Rothschild & Jordan, 1906)

Type locality: "Peru"; N.Peru.

Peru



1233. ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01933.

Parides vertumnus (Cramer, 1779)

Original description: *Papilio vertumnus* Cramer, [1779]; Uitl. Kapellen 3 (17-21): 32, pl. 211, f. A, B.

Synonyms: *Papilio phronius* Lucas, 1852; *Papilio cixius* Gray, [1853].

Parides vertumnus autumnus (Staudinger, 1898)

Type locality: Peru.

Peru

1234. (Table IX, 1234) ♂, N. Peru, San Martin Province, Juanjuy, 3.02.2000. Ex coll. Korolev V.A. (№ P01222).

Papilio anchises Linnaeus, 1758

Original description: *Papilio (Eques) anchises* Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 460, TL: "Citro Americes".

Type locality: "Peru".

Peru



1235. ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01934.

Parides bolivar (Hewitson, 1850)

Original description: *Papilio bolivar* Hewitson, 1850; Trans. ent. soc. Lond. (2) 1 (4) : 97, pl. 10, f. 2.

Type locality: "Brazil, Amazonas".

Peru:

1236. (Table IX, 1236) *Parides bolivar* ♂, Peru, Amazonas. 16.03.2011 / Ex coll. Korolev V.A. . (№ P01530);

1237. (Table IX, 1237) *Parides bolivar* ♀ Peru, Amazonas. 16-20.03.2011 / Ex coll. Korolev V.A. (№ P01531).

Parides chabrias (Hewitson, 1852)

Original description: *Papilio chabrias* Hewitson, 1852; Trans. ent. Soc. Lond. (2) 2 (1): 23, pl. 6, f. 3.

Type locality: "River Amazon".

Peru:

1238. (Table IX, 1238) "*Parides chabrias* ♂" / Peru, Amazonas. 16-20.03.2011 / Ex coll. Korolev V.A. (№ P01532);

1239. (Table IX, 1239) ♀, "*Parides chabrias* ♀" / Peru. Amazonas. 16-20.03.2011 / Ex coll. Korolev V.A. (№ P01533).

Parides pizarro (Staudinger, 1884)

Original description: *Papilio pizarro* Staudinger, 1884; in Staudinger & Schatz, Exot. Schmett. 1 (4): 18, (3): pl. 13.

Type locality: Sao Paul [de Olivença], Pebas and Yurimaguas.

Peru

1240. (Table IX, 1240) *Parides pizarro* ♂ Peru, Amazonas 16-20.03.2011 / Ex coll. Korolev V.A. (№ P01534);

1241. (Table IX, 1241) *Parides pizarro* ♀ Peru, Amazonas 16-20.03.2011 / Ex coll. Korolev V.A. (№ P01535).

Parides quadratus (Staudinger, 1890)

Original description: *Papilio quadratus* Staudinger, 1890; Dt. ent. Z. Iris 3 (2) : 337, pl. 3, f. 1.

Parides quadratus spoliatus Staudinger, 1898

Type locality: Sao Paulo de Olivença, Pebas, Iquitos.

Peru

1242. (Table IX, 1242) *Topotypus* ♂, “*Parides quadrates spoliatus*” / NE.PERU. Loreto, loc. Iquitos, 18.02.2003. Ex coll. Korolev V.A. (№ P01309).

Genus *Pharmacophagus* Haase, 1892

Pharmacophagus antenor (Drury, 1773)

Original description: *Papilio antenor* Drury, [1773]; Illust. Nat. Hist. Exot. Insects 2: index, : 4, pl. 3, f. 1.

Type locality: not designated (Madagascar).

Madagascar

1243. (Table IX, 1243) *Topotypus* ♂, Madagascar, Beparesey, 26.01.2010. Ex coll. Korolev V.A. (№ P01169);

1244. *Topotypus* ♀, Madagascar, Beparesey, 04.2006. Ex coll. Korolev V.A. (№ P00666);

1245. *Topotypus* ♀, Madagascar, Beparesey, 19.02.2010. Ex coll. Korolev V.A. (№ P01170).

Genus *Byasa* Moore, 1882

Byasa alcinous (Klug, 1836)

Original description: *Papilio alcinous* Klug, 1836; Neue Schmett. (1) : 1, pl. 1, f. 1-4,

Byasa alcinous alcinous (Klug, 1836)

Type locality: Japan.

East China, Jianxi prov.

1246. ♂, China, Jiangxi, Wuyi Shan Mts., Xipaihe, 27°54'N, 117°20'E, 1500 m, 04.2004. leg. V.Sinyayev / Ex coll. Korolev V.A., № P01860.

Byasa alcinous mansonensis (Fruhstorfer, 1901)

Type locality: "Than-Moi, Juni-Juli 1900, 1000' Nord-Tonkin und Man-Son Gebirge", SE China.

China, Sichuan prov.

1247. (Table IX, 1247) ♂, China, Hanyuan, Sichuan, 1200-1600 m, 3-10.05.2008. Ex coll. Korolev V.A. (№ P00774).

Byasa adamsoni (Grose-Smith, 1896)

Original description: *Papilio adamsoni* Grose-Smith, 1886; Ann. Mag. nat. Hist. (5) 18 (104) : 149.

Byasa adamsoni adamsoni (Grose-Smith, 1896)

Type locality: "Salween River, S.Shan States"; Myanmar (Burma).

Thailand

1248. (Table IX, 1248) ♂, "*Pachliopta adamsoni*" ♂ / Thailand Chiang May, 15.04.2000. Ex coll. Korolev V.A. (№ P01522).

Byasa polyeuctes (Doubleday, 1842)

Original description: *Papilio polyeuctes* Doubleday, 1842; in Gray, Zool. Miscell. (2d): 74.

Byasa polyeuctes polyeuctes (Doubleday, 1842)

Type locality: "Sylhet", Bangladesh.

China, Sichuan prov.

1249. (Table IX, 1249) ♂, China, Sichuan, Shimian, 3-12.05.2007. 1300-1800 m. Ex coll. Korolev V.A. (№ P00579).

Thailand:

1250. ♂, Thailand, Um phang Tak. 16.03.2010. Ex coll. Korolev V.A. (№ P00967).

Myanmar (Burma)

1251. ♀, Burma, Kalan Shan, 28.04.2008. Ex coll. Korolev V.A. (№ P01021).

Byasa polyeuctes lama (Oberthür, 1876)

Type locality: "Moupin", (Tibet, W. of Sichuan Province, China).

China, Tibet

1252. (Table IX, 1252) ♂, "*Byasa.pol. polyeuctes*" / China, Tibet, Chang Du / 15.07.2011. Ex coll. Korolev V.A. (№ P01452).

China, Guansi prov.

1253. ♂, China, Guansi Prov., 1-10.03.2008. Ex coll. Korolev V.A. (№ P00780).

***Byasa dasarada* (Moore, 1857)**

Original description: *Papilio dasarada* Moore, 1857; in Horsfield & Moore, Cat. lep. Ins. Mus. East India Coy 1 : 96.

Byasa dasarada barata Rothschild, 1908

Type locality: «Shan States and Tenasserim», Myanmar (Burma).

Thailand

1254. (Table IX, 1254) ♂, «*Atrophaneura dasarada*», Thailand, Chiang Mai, 14.08.1991. / Ex coll. Korolev V.A., № P01236.

Genus *Atrophaneura* Reakirt, [1865]

***Atrophaneura aidoneus* (Doubleday, 1845)**

Original description: *Papilio aidoneus* Doubleday, 1845; Ann. Mag. nat. Hist. (1) 16 (104): 178.

Type locality: «Himalaya» (Nepal, Butan).

China, Yunnan prov.

1255. (Table IX, 1255) ♂, «*Atrophaneura aidonea*» ♂/ China, S.Yunnan, Lanchang, Hei Mt., 2300 m / 15.08.1999. Zhi leg. / Ex coll. Korolev V.A., № P01490.

***Atrophaneura dixonii* (Grose-Smith, 1900)**

Original description: *Papilio dixonii* Grose-Smith, 1900; Ann. Mag. nat. Hist. (7) 6 (32): 210

Type locality: «"B'wool, North Celebes"» (Indonesia).

Indonesia, Sulawesi Is.

1256. (Table IX, 1256) *Topotypus* ♂, Indonesia, N.Sulawesi, 12.08.2006, ex coll. Korolev V.A. (№ P00575).

***Atrophaneura nox* (Swainson, 1822)**

Original description: *Papilio nox* Swainson, 1822; Zool. Illustr. (1) 2: pl. 102

Synonyms: *memercus* Godart, [1824]; Encyclopédie Méthodique. 9 (2): 809; *neesius* Zinken, 1831; Nova Acta physico-med. [Leop. Carol.] 15 (1) : 152, pl. 14, f. 4; *henricus* Fruhstorfer, 1899; Berl. ent. Zs. 43 (3/4): 425 - junior prel. synonym *Papilio henricus* Oberthür, 1892; *henricus* Fruhst. [f] ab. *rokanus* Niepelt, 1926.

Atrophaneura nox nox (Swainson, 1822)

Type locality: "Java", Indonesia.

Indonesia, Java Is.

1257. (Table IX, 1257) *Topotypus* ♂, Indonesia, East Java isl., Mt. Argopuro, 17.08.2008. Ex coll. Korolev V.A. (№ P01238);
1258. *Topotypus* ♂, “*Atrophaneura nox nox*”, Indonesia, E. Java, Mt. Argopuro, 1000 m, ♂ / 15.03.2011. Ex coll. Korolev V.A. (№ P01453);
1259. *Topotypus* ♀, Indonesia, East Jawa, Mt. Argopuro. 13.07.1997. Ex coll. Korolev V.A. (№ P01237);
1260. (Table IX, 1260) *Topotypus* ♀, “*Atrophaneura nox nox*” / Indonesia, E. Java, Mt. Argopuro, 1000 m, / 15.03.2011. Ex coll. Korolev V.A. (№ P01454).

Atrophaneura nox nyx (de Nicéville, 1897)

Type locality: Bali Is., Indonesia.

Indonesia, Bali Is.

1261. *Topotypus* ♂, “*Atrophaneura nox nyx* ♂” / Indonesia, W. Bali Is.; 09.2012. Ex coll. Korolev V.A. (№ P01707).

Atrophaneura kuehni (Honrath, 1886)

Original description: *Papilio kühni* Honrath, 1886; Berl. ent. Z. 30 (2): 294, pl. 6, f. 1.

Type locality: "Tombugu (Ost-Celebes)", E,Sulawesi, Indonesia.

Indonesia, Sulawesi Is.

1262. (Table IX, 1262) ♂, Indonesia, C.Sulawesi, 10.11.2005, ex coll. Korolev V.A. (№ P00577).



1263. *Topotypus* ♀, Indonesia, Tombugu, E. Celebes. 14.02.2009. Ex coll. Korolev V.A. (№ P01153).

Atrophaneura priapus (Boisduval, 1836)

Original description: *Papilio priapus* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 190.

Atrophaneura priapus priapus (Boisduval, 1836)

Type locality: "Java", West Java, Indonesia.

Indonesia, Java Is.

1264. (Table X, 1264) *Topotypus* ♂, Indonesia, W.Java, 25.02.2007. Ex coll. Korolev V.A. (№ P00683);
1265. (Table X, 1265) *Topotypus* ♀, Indonesia, W.Java, 20-25.02.2007. Ex coll. Korolev V.A. (№ P00684).

Atrophaneura lucti (Roepke, 1935)

Original description: *lucti* (Roepke, 1935) (*Papilio*); Rhop. Javanica 12: pl. 7, f. 5-6.

Type locality: Java, Indonesia.

Indonesia, Java Is.

1266. (Table X, 1266) ♂, *Atrophaneura lucti* ♂, Indonesia, E.Java Is., Mt. Argopuro. 15.05.2011. Ex coll. Korolev V.A. (№ P01379).

Atrophaneura semperi (Felder & Felder, 1861)

Original description: *Papilio semperi* C. & R. Felder, 1861; Wien. ent. Monats. 5 (10): 297.

Synonyms: *erythrosoma* Reakirt, [1865]; Proc. ent. Soc. Philad. 3: 447.

Atrophaneura semperi albofasciata (Semper, 1892)

Type locality: "Mindoro", Philippines.

Synonyms: *albofasciatus* Staudinger, 1895; Dt. Ent. Z. Iris, 7 (2) : 349 (TL: Mindoro).

Philippines, Mindoro Is.



1267. *Topotypus* ♂, Philippines, N.Mindoro Isl., 11.03.2006. Ex coll. Korolev V.A. (№ P00576);

1268. (Table X, 1268) *Topotypus* ♀, Philippines, Mindoro, loc. Panay, 18.02.2009. Ex coll. Korolev V.A. (№ P01149).

Type locality: "Bohol", Philippines.

Philippines, Leyte Is.

1269. (Table X, 1269) ♂, Philippines, Leyte Isl., 15-20.10.2007. Ex coll. Korolev V.A. (№ P00677).

***Atrophaneura varuna* (White, 1868)**

Original description: *Papilio varuna* White, 1842; Entomologist 1: 280.

Atrophaneura varuna varuna (White, 1868)

Type locality: "Peneng", Malaysia.

Malaysia, Perak Is.

1270. (Table X, 1270) ♂, Malaysia, Perak Isl., 20.02.2008. Ex coll. Korolev V.A. (№ P00981).

***Atrophaneura zaleucus* (Hewitson, 1865)**

Original description: *Papilio zaleucus* Hewitson, 1865; Ill. exot. Butts [1] (*Papilio* VII-VIII): [16], pl. [8], f. 24-25.

Synonyms: *nigricans* Fruhstorfer, 1899; (preocc.); *Byasa zaleucus* ♂ v. *punctata* Evans, 1923: J. Bombay nat. Hist. Soc. 29(1):231. TL. Lower Burma. (BMNH); *Papilio zaleucus* f. indiv. ♂ *anomala* Rousseau-Decelle, 1947: Bull. Soc. ent. Fr. 51:128. TL. "Kalataung, Tavoy, Birmanie" (♂).

Note: some authors (Talbot, 1939:74; Inayoshi Y., 1996-2012) considered this taxon as a ssp. of *Atrophaneura varuna* (White, 1842).

Thailand

1271. (Table X, 1271) ♂, Thailand, Phrae, Wang Chin, 14.03.2007. Ex coll. Korolev V.A. (№ P00695).

Genus *Losaria* Moore, [1902]

***Losaria coon* (Fabricius, 1793)**

Original description: *Papilio coon* Fabricius, 1793; Ent. Syst. 3 (1): 10, no. 27.

Losaria coon coon (Fabricius, 1793)

Type locality: "China" (error); corrected TL: Java Is.

Indonesia, Java Is.



1272. *Topotypus* ♂, Indonesia, Java, 3.06.2006. Ex coll. Korolev V.A. (№ P00578).

Losaria coon doubledayi (Wallace, 1865)

Type locality: “Moulmein, Burma”; Myanmar.

Thailand



1273. ♂, Thailand, Phrae, Wang Chin, 13.11.2008. Ex coll. Korolev V.A. (№ P00916).

Genus *Pachliopta* Reakirt, [1865]

Pachliopta aristolochiae (Fabricius, 1775)

Original description: *Papilio aristolochiae* Fabricius, 1775; *Syst. Ent.*: 443, no. 3.

Pachliopta aristolochiae aristolochiae (Fabricius, 1775)

Type locality: Tranquebar, S.India.

India

1274. (Table X, 1274) ♂, India, Assam, 11.01.1997. Ex coll. Korolev V.A., № P00585).



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***Pachliopta aristolochiae interpositus* (Fruhstorfer, 1904)**

Type locality: Taiwan Is..

Taiwan Is.

1275. *Topotypus* ♂, “*Pachl. aristol. interposita*”/ C.Taiwan, Nantou, Puli / 15.08.2010. Ex coll. Korolev V.A., № P01458);

1276. (Table X, 1276) *Topotypus* ♀, “*Pachliopta aristolochiae interposita*”, C.Taiwan, Nantou, Puli, 16.08.2010. Ex coll. Korolev V.A., № P01389).

***Pachliopta aristolochiae asteris* (Rothschild, 1908)**

Type locality: «Malay Peninsula and Penang».

Malaysia

1277. ♂, Malaysia, Perak Isl., 20.03.2010. Ex coll. Korolev V.A., № P00984);

1278. ♂, W. Malaysia, Cameron Highlands / 15-20.10.2011. Ex coll. Korolev V.A., № P01485);

1279. ♂, W. Malaysia, Cameron Highlands/ 15-20.10.2011. Ex coll. Korolev V.A. (Ex coll. Korolev V.A., № P01486).

Thailand

1280. ♂, Thailand, Yala loc., 10-15.10.2011. Ex coll. Korolev V.A., № P01487);

1281. ♂, Thailand, Yala loc., 10-15.10.2011. Ex coll. Korolev V.A., № P01488).

***Pachliopta aristolochiae antissa* (Jordan, 1908)**

Type locality: «Kangean Is.», Indonesia.

Indonesia, Kangean Is.

1282. *Topotypus* ♂, “*Pachl. aristol. antissa*” / Indonesia, Kangean Is./ 10-15.03.2011. Ex coll. Korolev V.A., № P01456);

1283. *Topotypus* ♀, “*Pachl. aristol. antissa*” / Indonesia, Kangean Is./ 10-15.03.2011. Ex coll. Korolev V.A., № P01457);

Pachliopta aristolochiae goniopeltis (Rothschild, 1908)

Type locality: «Tenasserim, Burma; Siam northwards to Hong Kong».

Thailand

1284. ♂, Thailand, Phrae, Wang Chin. 12.02.2011. Ex coll. Korolev V.A., № P01022);

1285. ♂, Thailand. Chiang Mai, 10-16.10.2012. Ex coll. Korolev V.A., № P01542);

1286. (Table X, 1286) ♀, Thailand, Chiang Mai, 17.03.2005. Ex coll. Korolev V.A., № P00586).

Pachliopta adamas (Zinken, 1831)

Original description: *Papilio adamas* Zinken, 1831; Nova Acta physico-med. [Leop. Carol.] **15** (1): 144.

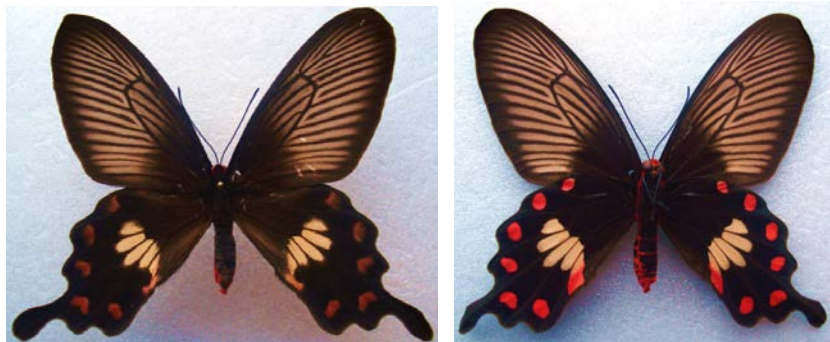
Pachliopta adamas adamas (Zinken, 1831)

Type locality: Indonesia, Java.

Indonesia, Java Is.

1287. (Table X, 1287) ♂, Indonesia, Java Isl., 18.03.2010. Ex coll. Korolev V.A., № P00982);

1288. ♂, Indonesia, E. Java, Mt. Argopuro, h = 800-1300 m / 8-15.10.2011. Ex coll. Korolev V.A., № P01455);



1289. ♀, Indonesia, Java Isl., 18.03.2010. Ex coll. Korolev V.A., № P00983).

Pachliopta adamas lombokensis Fruhstorfer, 1896

Type locality: “Lombok”. Indonesia.

Indonesia, Lombok Is.

1290. *Topotypus* ♀, Indonesia, Lombok Isl., loc. Praya, 20.11.2008. Ex coll. Korolev V.A., № P01243);



1291. *Topotypus* ♂, "*Pachliopta aristolochiae lombokensis*", Indonesia, Lombok Is., 13.12.2010.
Ex coll. Korolev V.A., № P01387);



1292. *Topotypus* ♀, "*Pachliopta aristolochiae lombokensis*", Indonesia, Lombok Is., 13.12.2010.
Ex coll. Korolev V.A., № P01388).

Pachliopta hector (Linnaeus, 1758)

Original description: *Papilio hector* Linnaeus, 1758; *Syst. Nat.* (Edn 10) 1 : 459.

Pachliopta hector hector (Linnaeus, 1758)

Type locality: "Indiis", (India).

India

1293. (Table X, 1293) ♂, India, loc. Calcutta, 16.04.2005. / Ex coll. Korolev V.A., № P00581;

1294. (Table X, 1294) ♀, India, Bengal, 13.03.2007. / Ex coll. Korolev V.A., № P00760.

Pachliopta kotzebuea (Eschscholtz, 1821)

Original description: *Papilio kotzebuea* Eschscholtz, 1821; in Kotzebue, Entdeck. Reise Süd-See 3 (App. 5): 202, pl. 1, f. 2a-b.

Pachliopta kotzebuea philippus (Semper, 1891)

Type locality: Mindanao Is., Philippines.

Philippines, Mindanao Is.

1295. (Table X, 1295) ♂, Philippines, Mindanao Isl., 17.12.2004. / Ex coll. Korolev V.A., № P00582;

1296. ♀, Philippines, Mindanao Isl., 16.03.2006. / Ex coll. Korolev V.A., № P00583.



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Pachliopta kotzebuea deseilus (Fruhstorfer, 1911)

Type locality: Mindoro Is., Philippines.

Philippines, Mindoro Is.

1297. *Topotypus* ♂, Philippines, Mindoro. 16.02.2010. / Ex coll. Korolev V.A., № P01154;

1298. *Topotypus* ♂, "*Pachl. aristol. kotzebuea*", Philippines, Mindoro Is., / 10-15.10.2011. / Ex coll. Korolev V.A., № P01459;

1299. *Topotypus* ♀, "*Pachl. aristol. kotzebuea*", Philippines, Mindoro Is., / 10-15.10.2011. / Ex coll. Korolev V.A., № P01460.

Pachliopta mariae (Semper, 1874)

Original description: *Papilio mariae* Semper, 1878; Verh. Ver. Nat. Unterh. Hamburg 3 : 115

Pachliopta mariae mariae (Semper, 1874)

Type locality: ?not designated (Philippines).

Philippines, Mindanao Is.

1300. (Table XI, 1300) ♂, Philippines, Mindanao Isl., 06.2007. Ex coll. Korolev V.A., № P00685;

1301. ♂, Philippines, Mindanao Isl., 12.06.2007. Ex coll. Korolev V.A., № P00874.

***Pachliopta leytensis* Murayama, 1978**

Original description: *Pachliopta phegeus leytensis* Murayama, 1978; Tyô to Ga 29 (3) : 153, f. 1-2.

***Pachliopta leytensis leytensis* Murayama, 1978**

Type locality: Catmon, St. Bernard, Leyte I. (Philippines, South Leyte Is.).

Philippines, Leyte Is.

1302. (Table XI, 1302) *Topotypus* ♂, Philippines, S.Leyte isl., Hinunomgan, 14.03.1992. Ex coll. Korolev V.A., № P01239).

***Pachliopta oreon* (Doherty, 1891)**

Original description: *Papilio (Menelaides) oreon* Doherty, 1891; J. Asiat. Soc. Bengal 60 Pt.II (2): 192.

Type locality: Sumba Is. (Indonesia).

***Pachliopta oreon oreon* (Doherty, 1891)**

Indonesia, Sumba Is.

1303. (Table XI, 1303) *Topotypus* ♂, Indonesia, Sumba Isl., 15.02.2006. Ex coll. Korolev V.A., № P00584).

Indonesia, Batuatas Is.



1304. ♂, "*Pachl. oreon batuataensis*" / Indonesia, Batuatas Is., 10-15.03.2011. Ex coll. Korolev V.A., № P01451).

Pachliopta phlegon (Felder & Felder, 1864)

Original description: *Papilio phlegon* C. & R. Felder, 1864; Verh. zool.-bot. Ges. Wien 14 (3) : 326.

Pachliopta phlegon strandi (Bryk, 1930)

Type locality: "[Marinduque], Binunga", Philippines.

Philippines, Marinduque Is.



1305. ♂, Philippines, Marinduque Isl., 11.03.2006. Ex coll. Korolev V.A. (Ex coll. Korolev V.A., № P00587);

1306. ♂, Philippines, Marinduque Isl., 6.11.2006. Ex coll. Korolev V.A., № P00588).

Pachliopta polydorus (Linnaeus, 1758)

Original description: *Papilio polydorus* Linnaeus, 1763; Amoenitates Acad., 6: 401.

Pachliopta polydorus polydorus (Linnaeus, 1758)

Type locality: "India" (error), corrected Type locality: Indonesia (Ambon Is,?) (Corbet, 1949).

Indonesia, Ceram Is.

1307. (Table XI, 1307) ♂, Indonesia, Seram (Ceram) isl., Maluku islands, 16.08.2009. Ex coll. Korolev V.A., № P01246).

Pachliopta polydorus tenimberensis Rothschild, 1895

Type locality: "Tenimber Islands", Indonesia.

Indonesia, Taninbar Is.



1308. *Topotypus* ♂, Indonesia, Tanimbar isl., Maluku islands, 23.11.2009. Ex coll. Korolev V.A., № P01245).

Pachliopta polydorus godartianus Lucas, 1852

Type locality: "Arfak" (West Irian, Indonesia).

Indonesia, West Irian

1309. *Topotypus* ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A., № P01751);

1310. (Table XI, 1310) *Topotypus* ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A., № P01752).

Pachliopta polyphontes (Boisduval, 1836)

Original description: *Papilio polyphontes* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 268.

Pachliopta polyphontes bugius Ney, 1911

Type locality: "Süd-Celebes", S.Sulawesi (Indonesia).

Indonesia, Sulawesi Is.

1311. (Table XI, 1311) *Topotypus* ♂, Indonesia, South. Sulawesi, Bantimurung, 13.10.2005. Ex coll. Korolev V.A., № P01244).

Pachliopta schadenbergi (Semper, 1886)

Original description: *Papilio schadenbergi* Semper, 1891; Reisen Philipp. (6): 269, pl. 44, f. 1, pl. 45, f. 5.

Pachliopta schadenbergi micholitz (Semper, 1891)

Type locality: NE Luzon Is. (Camiguin de Luzon).

Philippines, NE Luzon Is.



1312. ♂, Philippines, NE Luzon Isl., loc. Ilagan, 12.04.2010. Ex coll. Korolev V.A., № P00990.

Pachliopta schadenbergi schadenbergi (Semper, 1886)

Type locality: NW Luzon Is., Philippines.

Philippines, Luzon Is.

1313. (Table XI, 1313) ♂, Philippines, Luzon Isl., 2-10.02.2007. Ex coll. Korolev V.A., № P00589.

Pachliopta liris (Godart, 1819)

Original description: *Papilio liris* Godart, 1819; Encyclopédie Méthodique. 9 (1): 72.

Pachliopta liris wetterensis (Rothschild, 1895)

Type locality: "Wetar Is.", Indonesia.

Indonesia, Wetar Is.

1314. (Table XI, 1314) *Topotypus* ♂, Indonesia, Wetar Isl., Maluku Islands, 15.08.2010. Ex coll. Korolev V.A., № P01240;

1315. *Topotypus* ♂, *Pachliopta liris wetterensis*, Indonesia Wetar Isl., Maluku, 15.08.2010. Ex coll. Korolev V.A., № P01242.

Pachliopta liris pallidus Rothschild, 1895

Type locality: "Letti [...] Moa", Indonesia.

Indonesia, Moa Is.

1316. (Table XI, 1316) *Topotypus* ♀, Indonesia, Moa isl., (Maluku Islands), loc. Kubin, 20.11.2011. Ex coll. Korolev V.A. (Ex coll. Korolev V.A., № P01241);



1317. *Topotipus* ♂, "*Pachliopta liris pallidus* ♂" / Indonesia, Moa Isl., Kaiwatu. 08.2013. Ex coll. Korolev V.A., № P01703).

Genus *Trogonoptera* Rippon, [1890]

***Trogonoptera brookiana* (Wallace, 1855)**

Original description: *Ornithoptera brookiana* Wallace, 1855; Proc. ent. Soc. Lond. (2) 3: 104.

Type locality: North Borneo (Malaysia territory).

Trogonoptera brookiana brookiana (Wallace, 1855)

Malaysia, Borneo Is.

1318. (Table XI, 1318) *Topotipus* ♂, Malaysia, Kalimantan, 1-10.02.2004, ex pupa. Ex coll. Korolev V.A., № P00610;

1319. *Topotipus* ♂, Malaysia, Isl. Borneo, 14.06.1988. Ex coll. Korolev V.A., № P00611.

Trogonoptera brookiana albescens Rothschild, 1895

Type locality: Malay Peninsula.

Malaysia, Malay Peninsula

1320. (Table XI, 1320) ♀, Malay, loc. Singapur. 1-10.04.2006, ex pupa. Ex coll. Korolev V.A., № P00612.

Trogonoptera brookiana trogon Snellen van Vollenhoven, 1860

Type locality: Sumatra.

Indonesia, Sumatra Is.

1321. ♂, Indonesia, Sumatra Isl. 10-15.04.2011. Ex coll. Korolev V.A., № P01429.

Trogonoptera trojana (Honrath, 1886)

Original description: *Ornithoptera trojana* Staudinger, 1889; Dt. ent. Z. Iris 2 (1) : 4.

Type locality: Palawan, Philippines.

Philippines, Palawan Is.

1322. (Table XII, 1322) *Topotipus* ♂, Philippines, Palawan Isl., 1-10.03.2006, ex pupa. Ex coll. Korolev V.A., № P00613;

1323. (Table XII, 1323) *Topotipus* ♀, Philippines, Palawan Isl., 15.12.2010. Ex coll. Korolev V.A., № P00986.

Genus *Troides* Hübner, [1819]

Subgenus *Ripponia* Haugum & Low, 1975

Troides (Ripponia) hypolitus (Cramer, 1775)

Original description: *Papilio hypolitus* Cramer, [1775]; Uitl. Kapellen 1 (1-7): 14, pl. 10, f. A-B, pl. 11, f. A-B.

Synonyms: ?*Papilio remus* Fabricius, 1777; Genera Insectorum : 250.

Troides (Ripponia) hypolitus hypolitus (Cramer, 1775)

Type locality: Ambon (Moluccas Is., Indonesia).

Indonesia, Maluku, Ceram Is.

1324. (Table XII, 1324) ♂, Indonesia, Moluccas, Ceram Isl., 02.2005. Ex pupa. Ex coll. Korolev V.A., № P01102;

1325. (Table XII, 1325) ♀, Indonesia, Moluccas, Ceram Isl., 02.2005. Ex pupa. Ex coll. Korolev V.A., № P01103.

Troides (Ripponia) hypolitus cellularis Rothschild, 1895

Type locality: “Celebes”; Sulawesi Is., Indonesia.

Synonyms: ?*Ornithoptera hippolytus*[sic] var. *celebensis* Staudinger, 1895; Dt. Ent. Z. Iris 7 (2) : 342 (?preocc. Wallace, 1865); *Papilio remus* C. & R. Felder, 1864; Verh. zool.-bot. Ges. Wien 14 (3) : 291, 333 (?preocc. Fabricius, 1777), TL: Celebes .

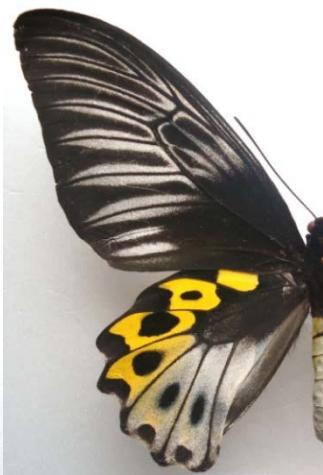
Indonesia, Sulawesi Is.

1326. *Topotipus* ♂, Indonesia, Sulawesi Isl., 16.01.2009. Ex pupae. / Ex coll. Korolev V.A., № P01162;

1327. *Topotipus* ♀, Indonesia, Sulawesi Isl., 16.01.2009. Ex pupae. / Ex coll. Korolev V.A., № P01163.



1326



1327

Troides (Ripponia) hypolitus sangirensis Morisode, 2005

Type locality: "Sangir Is." (Indonesia).

Indonesia, Sangir Is.



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1328. *Topotypus* ♂, “*Troides hypolitus sangirensis* ♂” / Indonesia, Sangir Is., Tahuna, 13.02.2012.
Ex coll. Korolev V.A. № P01689;
1329. *Topotypus* ♀, “*Troides hypolitus sangirensis* ♀” / Indonesia, Sangir Is., Tahuna, 13.02.2012.
Ex coll. Korolev V.A. № P01690.

Subgenus *Troides* Hübner, [1819]

Troides (Troides) aeacus (C.Felder & R.Felder, 1860)

Original description: *Ornithoptera aeacus* C. & R. Felder, 1860; Wien. ent. Monats. 4 (8): 225.

Troides (Troides) aeacus aeacus (C.Felder & R.Felder, 1860)

Type locality: ? India.

Thailand

1330. (Table XII, 1330) ♂, Thailand, Chiang Mai, 21.03.2007. Ex coll. Korolev V.A., № P00765).

China, Guandun prov.

1331. ♂, China, Sinzyan River, 15.07.2004. Ex coll. Korolev V.A., № P01082).

China, Sichuan prov.

1332. (Table XII, 1332) ♀, China, Sichuan, 12.07.2009. Ex coll. Korolev V.A., № P00939).

Troides (Troides) vandepolli (Snellen, 1890)

Original description: *Papilio vandepolli* Snellen, 1890; Tijdschr. Ent. 33 : 22.

Troides (Troides) vandepolli vandepolli (Snellen, 1890)

Type locality: “W.Java; Preanger Mts, 5000-5500 ft” (Indonesia).

Indonesia, W.Java Is.

1333. (Table XII, 1333) ♂, “*Troides v. vandepolli* ♂” / Indonesia, West Java Is., Mt. Patuha, 19.09.2013. Ex coll. Korolev V.A. № P01681;

1334. (Table XII, 1334) ♀, “*Troides v. vandepolli* ♀” / Indonesia, West Java Is., Mt. Patuha, 19.09.2013. Ex coll. Korolev V.A. № P01682.

Troides (Troides) amphrysus (Cramer, 1782)

Original description: *Papilio amphrysus* Cramer, [1779]; Utitl. Kapellen 3 (17-21): 43, pl. 219, f. A.

Troides (Troides) amphrysus amphrysus (Cramer, 1782)

Type locality: «Men vindtze op Java, te Batavia [...] On le trouve à Java à Batavia», (Indonesia) .

Indonesia, Java Is.

1335. *Topotypus* ♂, Indonesia, W.Java, Mt. Salak, 15.03.2006. Ex coll. Korolev V.A., № P01095;

1336. *Topotypus* ♀, Indonesia, W.Java, Mt. Salak, 15-20.03.2006. Ex coll. Korolev V.A., № P01096).



1335

1336

***Troides (Troides) criton* (Felder & Felder, 1860)**

Original description: *Ornithoptera criton* C. & R. Felder, 1860; Wien. ent. Monats. 4 (8): 225.

***Troides (Troides) criton criton* (Felder & Felder, 1860)**

Type locality: «Molukkeninsel Batschian»; Batjan, Bachan Is. I Maluku island group (Indonesia).

Indonesia, Maluku Iss., Halmahera Is.

1337. ♂, Halmahera [Isl.], 04.2005. Ex coll. Korolev V.A., № P01089;

1338. ♀, Halmahera [Isl.], 04.2005. Ex coll. Korolev V.A., № P01090.

***Troides (Troides) criton critonides* (Fruhstorfer, 1903)**

Type locality: “Obi is.” (Indonesia).

Indonesia, Obi Is.

1339. *Topotypus* ♂, “*Troides criton critonides* ♂” Indonesia, South Obi Isl., Bobo, 15.01.2013. Ex coll. Korolev V.A. № P01685;

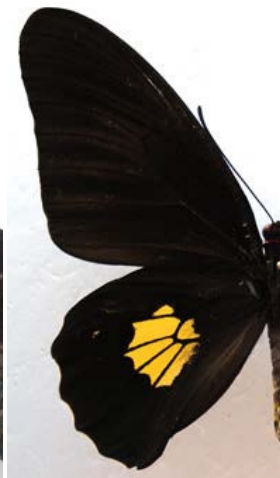
1340. *Topotypus* ♀, “*Troides criton critonides* ♀” Indonesia, South Obi Isl., Bobo, 15.01.2013. Ex coll. Korolev V.A. № P01686.



1337



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***Troides (Troides) cuneifera* (Oberthür, 1879)**

Original description: *Ornithoptera amphrissius ab. cuneifera* Oberthür, 1879; Étud. d'Ent. 4: 110.

***Troides (Troides) cuneifera cuneifera* (Oberthür, 1879)**

Type locality: Java Is., Indonesia.

Indonesia, Java Is.

1341. (Table XII, 1341) *Topotypus* ♂, Indonesia, W.Java, Mt. Wayana, 15.09.2007. Ex coll. Korolev V.A., № P01085);

1342. (Table XII, 1342) *Topotypus* ♀, W.Java, Mt. Wayana, 14.11.2006. Ex coll. Korolev V.A., № P01086);

1343. ♂, "*Troides c. cuneifera* ♂" / Indonesia, East Java Is., Mt. Argopuro, 13.03.2012. Ex coll. Korolev V.A.№ P01679;

1344. ♀, "*Troides c. cuneifera* ♀" / Indonesia, East Java Is., Mt. Argopuro, 13.03.2012. Ex coll. Korolev V.A.№ P01680.

***Troides (Troides) plato* (Wallace, 1865)**

Type locality: «Timor Is.», Indonesia.

Indonesia, Timor Is.

1345. *Topotypus* ♂, "*Troides plato* ♂" / Indonesia, Timor Is., Mt. Mutis, 12.05.2012. Ex coll. Korolev V.A. № P01683;

1346. (Table XII, 1346) *Topotypus* ♀, "*Troides plato* ♀" / Indonesia, Timor Is., Mt. Mutis, 12.05.2012. Ex coll. Korolev V.A. № P01684.



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***Troides (Troides) haliphron* (Boisduval, 1836)**

Original description: *Ornithoptera haliphron* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 181.

***Troides (Troides) haliphron haliphron* (Boisduval, 1836)**

Type locality: «Celebes», Sulawesi Is., Indonesia.

Indonesia, Sulawesi Is.:

1347. (Table XII, 1347) *Topotypus* ♀, W. Java, Mt. Wayana, 14.11.2006. Ex coll. Korolev V.A., № P01101);

1348. *Topotypus* ♂, Indonesia, Sulawesi, Palo, February 2005. Ex coll. Korolev V.A., № P01100).

***Troides (Troides) haliphron purahu* Kobayashi, 1987**

Type locality: “Batuata is.”, Indonesia.

Indonesia, Batutas Is.

1349. (Table XIII, 1349) *Topotypus* ♀. “*Troides haliphron purahu* ♀” / Indonesia, Batutas Is., Wacuala, 13.07.2013. Ex coll. Korolev V.A., № P01678.

1350. *Topotypus* ♂. “*Troides haliphron purahu* ♂” / Indonesia, Batutas Is., Wacuala, 13.07.2013. Ex coll. Korolev V.A. № P01677;

Troides (Troides) helena (Linnaeus, 1758)

Original description: *Papilio helena* Linnaeus, 1758; Syst. Nat. (Edn 10) 1 : 461.

Troides (Troides) helena helena (Linnaeus, 1758)

Type locality: originally designated as «floribus Aerae Americae»; corrected TL: Java, Indonesia.

Indonesia, Java Is.

1351. ♂, W.Java, Mt. Wayana, 13.01.2006. Ex coll. Korolev V.A., № P00912);
1352. ♀, Indonesia, Java Isl., 10.05.2008. Ex coll. Korolev V.A. (Ex coll. Korolev V.A., № P00766);
1353. ♂, Indonesia, W.Java, 04.2005, Ex coll. Korolev V.A., № P00911);
1354. ♀, W.Java, Mt. Wayana, 17.01.2006. Ex coll. Korolev V.A., № P00913).

Troides helena sagittatus Fruhstorfer, 1896

Type locality: “Lombok Isl.”, Indonesia.

Indonesia, Lombok Is.

1355. (Table XIII, 1355) *Topotypus* ♂. “*Troides helena sagittatus* ♂” / Indonesia, Lombok Is., Mt. Rinjani, 16.04.2011. Ex coll. Korolev V.A. № P01675;
1356. *Topotypus* ♀. “*Troides helena sagittatus* ♀” / Indonesia, Lombok Is., Mt. Rinjani, 16.04.2011. Ex coll. Korolev V.A. № P01676.

Troides (Troides) helena hephaestus Felder, 1865

Type locality: “Celebes”, Sulawesi Is., Indonesia.

Indonesia, Sulawesi Is.

1357. *Topotypus* ♂, Indonesia, Sulawesi Isl., 12.02.2009. Ex pupa. Ex coll. Korolev V.A., № P01166);
1358. (Table XIII, 1358) *Topotypus* ♀, Indonesia, Sulawesi Isl., 23.02.2009. Ex pupa. Ex coll. Korolev V.A., № P01167).

Troides (Troides) helena nereides Fruhstorfer, 1906

Type locality: Bawean Is., Indonesia.

Indonesia, Bawean Is.

1359. *Topotypus* ♂. “*Troides helena nereides* ♂” / Indonesia, Bawean Is., Sukaoneng, 17.02.2011 Ex coll. Korolev V.A. № P01670.

Troides (Troides) helena neoris Rothschild, 1908

Type locality: “Binongka, Joekan Bessi Islands, south-east of Celebs”, Indonesia.



1353



1354



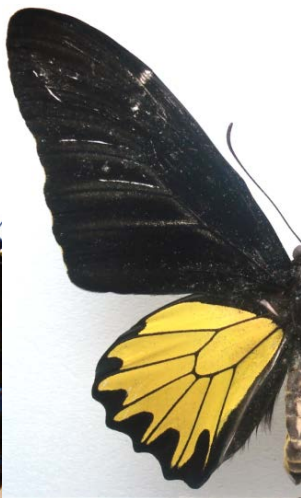
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Indonesia, Binongko Is.

1360. *Topotypus* ♂. «*Troides helena neoris* ♂» / Indonesia, Binongko Is., Wali, 14.06.2013. Ex coll. Korolev V.A. № P01671;

1361. (Table XIII, 1361) *Topotypus* ♀. «*Troides helena neoris* ♀» / Indonesia, Binongko Is., Wali, 14.06.2013. Ex coll. Korolev V.A. № P01672.

Troides (Troides) helena antileuca Rothschild, 1908

Type locality: “Kangean Islands”, Indonesia.

Indonesia, Kangean Is.

1362. *Topotypus* ♂. “*Troides helena antileuca* ♂” / Indonesia, Kangean Is., Torjek, 14.04.2012. Ex coll. Korolev V.A. № P01673;
1363. *Topotypus* ♀. “*Troides helena antileuca* ♀” / Indonesia, Kangean Is., Torjek, 14.04.2012. Ex coll. Korolev V.A. № P01674.

Troides (Troides) helena spilotia Rothschild, 1908

Type locality: Hainan , S.China.

S. China, Hong Kong

1364. ♂, S. China, Hong Kong, 03.2004. Ex coll. Korolev V.A., № P01083;
1365. ♀, S. China, Hong Kong, 03.2004. Ex coll. Korolev V.A., № P01084.

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

Original description: *Ornithopus magellanus* C. & R. Felder, 1862; Wien. ent. Monats. 6 (9) : 282.

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

Type locality: male have been described from Babuyan Is., female – from Luzon Is. (Philippines).

Philippines, Luzon Is.

1366. (Table XIII, 1366) *Topotypus* ♂, Philippines, N.Luzon Isl., 1-10.02.2007. Ex pupa. Ex coll. Korolev V.A., № P01087;
1367. (Table XIII, 1367) *Topotypus* ♀, Philippines, N.Luzon Isl., 10-15.02.2007. Ex pupa. Ex coll. Korolev V.A., № P01088;
1368. *Topotypus* ♀, Philippines, Luzon Isl., Camiguin. 16.01.2010. Ex pupa. Ex coll. Korolev V.A., № P01168.

Philippines, Mindanao Is.

1369. ♂, Philippines, Mindanao Isl., 11.02.2006. Ex pupa. Ex coll. Korolev V.A., № P00694.

Troides (Troides) oblongomaculatus (Goeze, 1779)

Original description: *Papilio oblongomaculatus* Goeze, 1779; Ent. Beyträge 3 (1): 44.

Troides (Troides) oblongomaculatus oblongomaculatus (Goeze, 1779)

Type locality: Ceram?, Laut (Maluku Is.), Indonesia.

Indonesia, Ceram Is.

1370. *Topotypus* ♂, Indonesia, Ceram Isl., 13.02.1997. Ex coll. Korolev V.A., № P01099



1370

1374

Troides (Troides) oblongomaculatus papuensis (Wallace, 1865)

Type locality: «New Guinea, Salwatty», NW New Guinea.

Papua New Guinea:

1371. ♂, Papua New Guinea, Morobe Prov., Bulolo, 10-21.02.1998. Ex coll. Korolev V.A., № P01091;

1372. (Table XIII, 1372) ♀, Papua New Guinea, Morobe Prov., Bulolo, 23.02.1998. Ex coll. Korolev V.A., № P01092.

Troides oblongomaculatus bandensis Pagenstecher, 1904

Type locality: «Banda Isl.», Indonesia.

Indonesia, Banda islands:

1373. **Topotypus** ♂, “*Tr. oblyngomaculatus bandensis* ♂” / Indonesia, Banda Besar Is., Lonthoir, 15.02.2012. Ex coll. Korolev V.A. № P01687;

1374. **Topotypus** ♀, “*Tr. oblyngomaculatus bandensis* ♀” / Indonesia, Banda Besar Is., Lonthoir, 15.02.2012. Ex coll. Korolev V.A. № P01688.

Troides (Troides) plateni Staudinger, 1888

Original description: *Ornithoptera plateni* Staudinger, 1888; Corr.-Bl. Ent. Ver. Iris 1 (5): 274.

Type locality: «Insel Palawan [...] bei Puerto Princesa, einer spanischen Verbrecher Kolonie [...] etwa unter dem 10. Grad nördlicher Breite und etwa unter dem 119. Längengrad», Palawan (Philippines).

Philippines, Palawan Is.

1375. (Table XIII, 1375) *Topotypus* ♂, Philippines, Palawan Isl., 5.03.2006. Ex coll. Korolev V.A., № P01093;

1376. *Topotypus* ♀, Philippines, Palawan Isl., 5-10.03.2006. Ex coll. Korolev V.A., № P01094.



1376

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***Troides (Troides) rhadamantus* (Lucas, 1835)**

Original description: *Ornithoptera rhadamantus* Lucas, 1835; Hist. nat. Lép. exot.: 5.

***Troides (Troides) rhadamantus rhadamantus* (Lucas, 1835)**

Type locality: "Philippines", «Philippines»; probably vicinity of Manila (Luzon Is.).

Synonyms: *rhadamanthus* Boisduval, 1836 (TL: loc. Manila).

Philippines, Luzon Is.

1377. *Topotypus* ♂, Philippines, Luzon Isl., loc. Manila, 12.06.2012. Ex pupa. Ex coll. Korolev V.A., № P01416;

1378. *Topotypus* ♂, Philippines, Luzon Isl., loc. Manila, 10-12.07.2012. Ex pupa. Ex coll. Korolev V.A., № P01417;

1379. (Table XIII, 1379) *Topotypus* ♀, Philippines, Luzon, Loc. Manila, 26.01.2010. Ex pupa. Ex coll. Korolev V.A., № P01161.

***Troides (Troides) rhadamantus bazilanicus* Fruhstorfer, 1908**

Type locality: "Insel Bazilan"; Philippines.

Philippines, Mindanao Is.

1380. ♂, Philippines, Mindanao Isl., December 2004. Ex coll. Korolev V.A., № P01097;
1381. ♀, Philippines, Mindanao Isl., December 2004. Ex coll. Korolev V.A., № P01098.

Troides (Troides) rhadamantus hesiodus Fruhstorfer, 1911

Type locality: "Mindoro"; Philippines.

Philippines, Mindoro Is.

1382. *Topotypus* ♂, Philippines, Mindoro Isl., 15.08.2012. Ex pupa. Ex coll. Korolev V.A., № P01418;
1383. *Topotypus* ♀, Philippines, Mindoro Isl., 20-22.07.2012. Ex pupa. Ex coll. Korolev V.A., № P01419;
1384. *Topotypus* ♀, Philippines, Mindoro Isl., 20-22.07.2012. Ex pupa. Ex coll. Korolev V.A., № P01420.

Troides (Troides) dohertyi (Rippon, 1893)

Original description: *Orhithoptera (Priamoptera) dohertyi* Rippon, 1893; Ann. Mag. nat. Hist. (6) 11 (64): 295.

Type locality: "Talaud Iss."; Indonesia.

Indonesia, Talaud Is.

1385. *Topotypus* ♂, "*Troides dohertyi* ♂" / Indonesia, Talaud Iss., Karakelong Is., 16.05.2012. Ex coll. Korolev V.A. № P01691;
1386. (Table XIII, 1386) *Topotypus* ♀, "*Troides dohertyi* ♀" / Indonesia, Talaud Iss., Karakelong Is., 16.05.2012. Ex coll. Korolev V.A. № P01692;

Genus *Ornithoptera* Boisduval, [1832]

Subgenus *Schoenbergia* Pagenstecher, 1893

***Ornithoptera (Schoenbergia) paradisea* Staudinger, 1893**

Original description: *Ornithoptera paradisea* Staudinger, 1893; Ent. Nachrichten 19 (12): 178; TL: German New Guinea.

***Ornithoptera (Schoenbergia) paradisea flavescens* Rothschild, 1897**

Type locality: "Etna Bay, Dutch New Guinea", Indonesia, West Irian.

Indonesia, West Irian

1387. ♂, "*O. paradisea flavescens* ♂" / Indonesia, Irian, Timika, 14.08.2013. Ex coll. Korolev V.A. № P01666;
1388. ♀, "*O. paradisea flavescens* ♀" / Indonesia, Irian, Timika, 14.08.2013. Ex coll. Korolev V.A., № P01667.



1387



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1390

Ornithoptera (Schoenbergia) meridionalis (Rothschild, 1897)

Original description: *Troides paradiseus meridionalis* Rothschild, 1897; Novit. Zool. 4 (1): 180, TL: Mailu district, British New Guinea.

Ornithoptera (Schoenbergia) meridionalis tarunggarensis (Joicey & Talbot, 1927)

Type locality: "Irian Jaya; Wanggar River - Kobowre (=Weyland) Mts.", Indonesia.

Indonesia, West Irian

1389. ♂, "*O. meridionalis tarunggarensis* ♂" / Indonesia, Irian, Timika, 13.08.2013. Ex coll. Korolev V.A. № P01668;

1390. ♀, "*O. meridionalis tarunggarensis* ♀" / Indonesia, Irian, Timika, 13.08.2013. Ex coll. Korolev V.A. № P01669.

Ornithoptera (Schoenbergia) chimaera (Rothschild, 1904)

Original description: *Troides chimaera* Rothschild, 1904; Novit. Zool. 11 (1): 311, pl. 3, f. 25, TL: Owgarra, N of head of Aroa River.

Ornithoptera (Schoenbergia) chimaera chimaera (Rothschild, 1904)

Type locality: Holotypus ♀ "Owgarra, north of head of Aroa River, end of May 03 (A.S. Meek)" (BMNH), (Howarth T.G, 1977: 158; Parsons, 1999: 238); New Guinea, Indonesia.

Indonesia, New Guinea Is.

1391. (Table XIII, 1391) ♂, Papua New Guinea, Morobe Province, Aseki subdistrict, Oiwa village, 1750 m, 15.07.2007. Ex-pupa. Ex coll. Korolev V.A., № P00753;

1392. ♀, Papua New Guinea, Morobe Province, Aseki subdistrict, Oiwa village, 1750 m, 8.03.2008. Ex-pupa. Ex coll. Korolev V.A., № P00754.

Ornithoptera (Schoenbergia) rothschildi Kenrick, 1911

Original description: *Ornithoptera rothschildi* Kenrick, 1911; Trans. ent. Soc. Lond. 1911 (1): 17, pl. 5 ♂, 6 ♀.

Ornithoptera (Schoenbergia) rothschildi rothschildi Kenrick, 1911

Type locality: Warmassin, 6000 ft., North New Guinea (C. & F.Pratt, March 1910) (Paratypes in Kenrick Coll. BMNH), (Howarth T.G, 1977:165).

Synonyms: *f. oceanus* Schäffler, 2001; *f. kenricki* Haugum & Low, 1979; *f. kirschoides* Haugum & Low, 1979.

Indonesia, New Guinea

1393. (Table XIII, 1393) **Topotypus** ♂, Indonesia, Irian Jaya, Arfak Mts., 10-15.03.2006. Ex coll. Korolev V.A., № P00608.

1394. *Topotypus* ♀, Indonesia, Irian Jaya, Arfak Mts., 10-15.03.2006. Ex coll. Korolev V.A., № P00609.

Ornithoptera (Schoenbergia) goliath Oberthür, 1888

Original description: *Ornithoptera arruana* ab. ♀ *goliath* Oberthür, 1888; Étud. d'Ent. 12: 1.

Ornithoptera (Schoenbergia) goliath supremus Röber, 1896

Type locality: E. New Guinea, Goodenough Is.

Indonesia, West Irian

1395. (Table XIV, 1395) ♂, [New Guinea], W. Irian (east), 12.01.1995. Ex coll. Korolev V.A., № P00606;

1396. ♀, [New Guinea], W. Irian (east), 12.01.1995. Ex coll. Korolev V.A., № P00607.

Ornithoptera (Schoenbergia) goliath samson Niepelt, 1913

Type locality: "N.E. New Guinea, Arfak Mts." (BMNH) (Howarth T.G, 1977:166)

Indonesia, West Irian

1397. (Table XIV, 1397) *Topotypus* ♂, Indonesia, Irian Jaya, Arfak Mts., 10.03.2009. Ex Pupae. Ex coll. Korolev V.A., № P00940;

1398. *Topotypus* ♀, Indonesia, Irian Jaya, Arfak Mts., 10-15.03.2009. Ex-pupa. / Ex coll. Korolev V.A., № P00891;

1399. *Topotypus* ♀, Indonesia, Irian Jaya, Arfak Mts., 10.03.2009. Ex Pupae. Ex coll. Korolev V.A., № P00941.

Ornithoptera (Schoenbergia) tithonus De Haan, 1840

Original description: *Ornithoptera tithonus* de Haan, 1840; Verh. Nat. Gesch. Ned. Overz. Bez. (Zool.): 18.

Ornithoptera (Schoenbergia) tithonus misresiana Joicey & Talbot, 1915

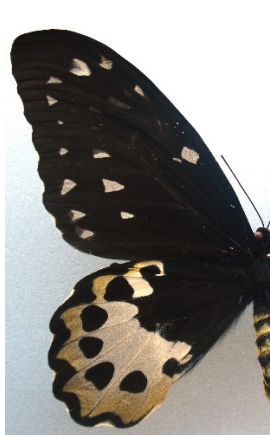
Type locality: "Mount Misresi, Arfak Mountains, North New Guinea, 3000 ft., January 1910, C. & F. Pratt" (BMNH), (Howarth T.G., 1977: 163).

Synonyms: f. *lowi* Haugum & Low, 1979 ; *Ornithoptera tithonus misresiana* f. *ichwani* Kobayashi & Koiwaya, 1980; Trans. Himeji nat. Hist. Ass. 1980: (8-21); f. *crepusculum* Parrott & Deslisle, 1986; Papilio Int. 2 (Suppl.): (147-168); f. *rubicunda* Parrott & Deslisle, 1986; Papilio Int. 2 (Suppl.): (147-168); f. *confluenta* von Knötgen, 1997; f. *aurata* Schäffler, 2001.

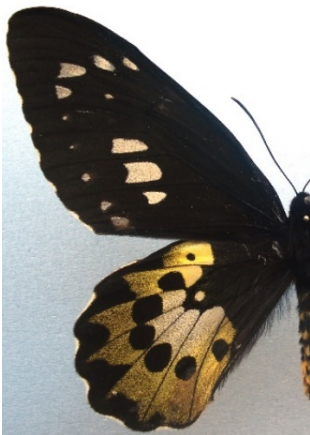
Indonesia, West Irian

1400. (Table XIV, 1400) *Topotypus* ♂, Indonesia, Irian Jaya, Mt. Misresi, loc. Arfak Mts. 18.01.2011. Ex pupa. Ex coll. Korolev V.A., № P01164;

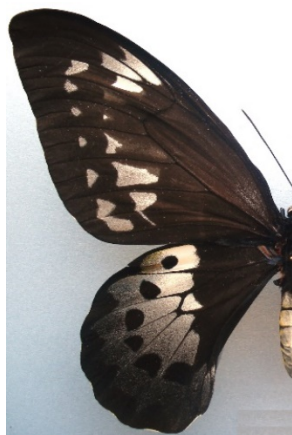
1401. *Topotypus* ♀, Indonesia, Irian Iaya, Mt. Misresi, loc. Arfak Mts. 14.11.2010. Ex pupa. Ex coll. Korolev V.A., № P01165.



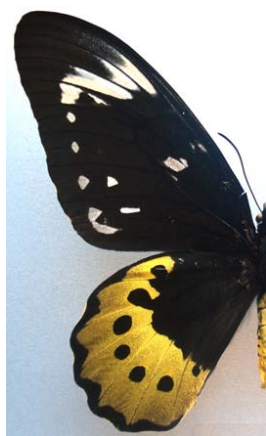
1392



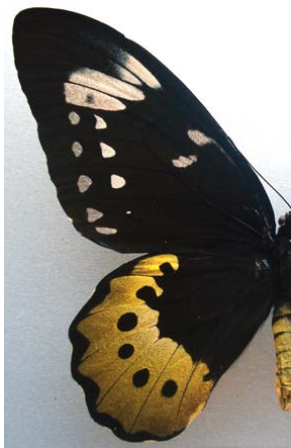
1394



1396



1398



1399



1401

Subgenus *Aetheoptera* Rippon, 1894

***Ornithoptera (Aetheoptera) victoriae* (Gray, 1856)**

Original description: *Papilio (Ornithoptera) victoriae* Gray, 1856; Proc. zool. Soc. Lond. (24) 1856: 8, pl. 39, TL: Gudalcanal.

Type locality: San Cristoval Is., Solomon Isl.

Solomon Isl.

1402. (Table XIV, 1402) ♂, Solomon Isl., Makira Prov., 18.05.2007. Ex coll. Korolev V.A., № P00914;

1403. ♀, Solomon Isl., Makira Prov., 12.01.2007. Ex coll. Korolev V.A., № P00915.



1403

1405

1407

Ornithoptera (Aetheoptera) victoriae reginae (Salvin, 1888)

Type locality: “N.W.Bay Maleita I., Solomon Is., Woodford 26 May 86...”, (1 ♂, 2 ♀ syntypes, BMNH), (Howarth T.G., 1977: 165).

Solomon Isl.

1404. (Table XIV, 1404) *Topotypus* ♂, Solomon Isl., Malaita Prov., 20.02.2008, ex pupa. Ex coll. Korolev V.A., № P00877);

1405. *Topotypus* ♀, Solomon Isl., Malaita Prov., 26.02.2008, ex pupa. Ex coll. Korolev V.A., № P00878).

Ornithoptera (Aetheoptera) victoriae regis (Rothschild, 1895)

Type locality: “Salomo Archip., Bougainville, C.Ribbe..”, (1 ♂, 1 ♀ syntype, BMNH), (Howarth T.G., 1977: 165).

Papua New Guinea, Buin Is.

1406. (Table XIV, 1406) *Topotypus* ♂, Papua New Guinea, North Solomons Prov., South Bougainville, Buin, 28.08.2005. Ex pupa. Ex coll. Korolev V.A., № P00692;

1407. *Topotypus* ♀, Papua New Guinea, North Solomons Prov., South Bougainville, Buin, 16.11.2005. Ex pupa. Ex coll. Korolev V.A., № P00693.

Ornithoptera (Aetheoptera) victoriae rubianus (Rotschild, 1895)

Type locality: “Rendova, Solomon Is., Feb., 1904 (A.S.Meek)...”, (2 ♂, 11 ♀ syntypes, BMNH), (Howarth T.G., 1977: 165).

Solomon Isl.

1408. (Table XIV, 1408) *Topotypus* ♂, Solomon Isl., Ranonga. 1.01.2007, ex pupa. Ex coll. Korolev V.A., № P00879;

1409. *Topotypus* ♀, Solomon Isl., Ranonga. 3.07.2006, ex pupa. Ex coll. Korolev V.A., № P00880.



1409

1412

1413

Subgenus *Ornithoptera* Boisduval, [1832]

***Ornithoptera (Ornithoptera) croesus* Wallace, 1859**

Original description: *Ornithoptera croesus* Wallace, 1859; Proc. ent. Soc. Lond. (2) 5: 70, TL: Batjan.

***Ornithoptera (Ornithoptera) croesus lydius* (Felder C. & Felder R., 1865)**

Type locality: “Gilolo Dod-ga Lorquin..”; Maluku, Halmahera Is., Indonesia (1 ♂, 1 ♀ syntypes, BMNH), (Howarth T.G., 1977: 162).

Indonesia, Halmahera Is.

1410. (Table XIII, 1410) *Topotypus* ♂, Indonesia, Halmahera Is., 15.02.1997; ex pupa; ex coll. Korolev V.A., № P00604;

1411. *Topotypus* ♂, Indonesia, Halmahera, 16.09.2008, ex pupa. Ex coll. Korolev V.A., № P00875)
 1412. *Topotypus* ♀, Indonesia, Halmaheira Is., 15.02.1997; ex pupa; ex coll. Korolev V.A., № P00605;
 1413. *Topotypus* ♀, Indonesia, Halmahera, 18.09.2008, ex pupa. Ex coll. Korolev V.A., № P00876.

Ornithoptera (Ornithoptera) aesacus (Ney, 1903)

Original description: *aesacus* Ney, 1903; Insektenbörse 20: 36.

Type locality: “Obi Is.”, Indonesia.

Synonyms: *Troides (Ornithoptera) obiana* Rebel, 1906; Verh. zool.-bot. Ges. Wien 56 : 220, TL: Obi; *obiensis* (Rippon, [1906]) (*Ornithoptera*); Icones Ornithopterorum, 2: 119, pl. 9, f. 1-2; f. *maculatusaurum* Parrott & Deslisle, 1987; f. *tenebricosa* Parrott & Deslisle, 1987; f. *purpurea* Sumiyoshi, 1989; f. *masaeae* Ohya, 1995.

Indonesia, Obi Is.

1414. (Table XIII, 1414) *Topotypus* ♂, “*O. aesacus* ♂” / Indonesia, East Obi Is., Sum, 17.09.2013. Ex coll. Korolev V.A. № P01664;
 1415. *Topotypus* ♀, “*O. aesacus* ♀” / Indonesia, East Obi Is., Sum, 17.09.2013. Ex coll. Korolev V.A. № P01665.



1415

1418

1419

Ornithoptera (Ornithoptera) priamus (Linnaeus, 1758)

Original description: *Papilio priamus* Linnaeus, 1758; Syst. Nat. (Edn 10) 1 : 458;

Synonyms: *Papilio archideus* Gray, [1853]; Cat. lep. Ins. Coll. Brit. Mus. 1 (Papilionidae): 3; *Papilio cronius* C. & R. Felder, 1864; Verh. zool.-bot. Ges. Wien 14 (3) : 290, 332; *Papilio pegasus* C. & R. Felder, 1864; Verh. zool.-bot. Ges. Wien 14 (3) : 290 (nom. nud.), TL: New

Guinea; *Papilio triton* C. & R. Felder, 1864; Verh. zool.-bot. Ges. Wien 14 (3): 290, 332, TL: Rawak; *Ornithoptera arruana* ab. ♀ *kirschi* Oberthür, 1888; Étud. d'Ent. 12 : 1, TL: New Guinea; *akakeoides* (Haugum & Low, 1981) (*Ornithoptera*); Tokurana 2: 6; *pseudotroides* (Haugum & Low, 1981) (*Ornithoptera*); Tokurana 2: 6; *Ornithoptera flammeus* Parrott & Deslisle, 1989; *Ornithoptera fuscocellus* Parrott & Deslisle, 1989; *Ornithoptera latimarginata* Sumiyoshi, 1989; *Ornithoptera michikoeae* Sumiyoshi, 1989; *Ornithoptera multicolorei* Parrot & Deslisle, 1989; *Ornithoptera radialei* Parrot & Deslisle, 1989.

***Ornithoptera (Ornithoptera) priamus priamus* (Linnaeus, 1758)**

Type locality: Indonesia, Seram Is., Aru Is., PNG.

Indonesia, Seram Is.

1416. (Table XIV, 1416) ♂, Indonesia, Ceram Isl., 12.03.2008. Ex pupa. Ex coll. Korolev V.A., № P00751;
 1417. ♂, “*O. p. priamus* ♂” / Indonesia, Ceram Is., Wahai, 15.09.2013. Ex coll. Korolev V.A., № P01662;
 1418. ♀, Indonesia, Ceram Isl., 20.03.2008. Ex pupa. Ex coll. Korolev V.A., № P00752;
 1419. ♀, Indonesia, Ceram Isl., 10-15.03.2005. Ex coll. Korolev V.A., № P00590.
 1420. ♀, “*O. p. priamus* ♀” / Indonesia, Ceram Is., Wahai, 15.09.2013. Ex coll. Korolev V.A. № P01663.



1420



1426

***Ornithoptera (Ornithoptera) priamus poseidon* (Doubleday, 1847)**

Type locality: 1 ♂ syntype: “Darnley. Is.”, (BMNH), (Howath T.G., 1977: 164).

New Guinea Is.:

1421. (Table XIV, 1421) ♂, Papua New Guinea, Morobe Prov., Aseki vil., 16.08.2002. Ex pupa. Ex coll. Korolev V.A., № P00593;

1422. ♂, Papua New Guinea, Morobe Prov., Wau distr., Tekadu village, 5.10.2004. Ex pupa. Ex coll. Korolev V.A., № P00689;
1423. ♂, Indonesia, Irian Jaya, Arfak Mts., 12.05.2008. Ex-pupa. Ex coll. Korolev V.A., № P00902;
1424. ♂, “*O. priamus poseidon* ♂” / Indonesia, Irian, Mt. Arfak, 18.10.2013. Ex coll. Korolev V.A., № P01660;
1425. ♂, “*O. priamus poseidon* ♂” / Indonesia, Irian, Timika, 14.08.2013. Ex coll. Korolev V.A. № P01658;
1426. **Aberration** ♂ with gold spots, P.N.G. Morobe Prov., Garaina Distr., Sim village 14.12.2007. Ex-Pupa. Ex coll. Korolev V.A., № P00906;
1427. ♀, Papua New Guinea, Morobe Prov., Sim, Poronang, 2.09.2000. Ex coll. Korolev V.A., № P00592;
1428. ♀, Papua New Guinea, Morobe Prov., Wau distr., Kapiro village, 5.12.2003; ex coll. Korolev V.A., № P00594;
1429. ♀, Papua New Guinea, Morobe Prov., Aseki vil., 22.10.2006. Ex pupa. Ex coll. Korolev V.A., № P00591;
1430. ♀, Papua New Guinea, Morobe Prov., Wau distr., Tekadu village, 11.12.2004. Ex pupa. Ex coll. Korolev V.A., № P00690;
1431. f. ♀ **poseidon** (Doubleday, 1846), Indonesia, Irian Jaya, Arfak Mts., 11.04.2008. Ex-pupa. Ex coll. Korolev V.A., № P00903;
1432. ♀, “*O. priamus poseidon* ♀” / Indonesia, Irian, Mt. Arfak, 18.10.2013. Ex coll. Korolev V.A., № P01661;
1433. ♀, “*O. priamus poseidon* ♀” / Indonesia, Irian, Timika, 14.08.2013. Ex coll. Korolev V.A., № P01659.

Ornithoptera (Ornithoptera) priamus poseidon (Doubleday, 1847)
f. ***cronius*** (Felder, 1864)

Indonesia, West Irian

1434. ♂, P.N.G. Morobe Prov., 1200 m., Wau Valley, 19.11.2008. Ex-Pupa. Ex coll. Korolev V.A., № P00904;
1435. ♀, P.N.G. Morobe Prov., 1200 m., Wau Valley, 17.08.2008. Ex-Pupa. Ex coll. Korolev V.A., № P00905.

Ornithoptera (Ornithoptera) priamus poseidon f. ***triton*** C. & R. Felder, 1864

Papua New Guinea

1436. ♂, Papua New Guinea, Morobe Prov, 1200 m, Wau valley, 23.09.2008. Ex-pupa. / Ex coll. Korolev V.A., № P00889;
1437. ♀, Papua New Guinea, Morobe Prov, Bulolo, 30.03.2009. Ex-pupa. / Ex coll. Korolev V.A., № P00890.

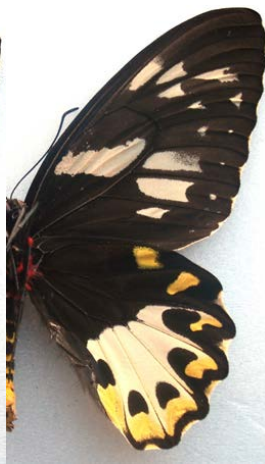
Ornithoptera (Ornithoptera) priamus poseidon f. ♀ ***brunneus*** (Rothschild, 1895)

Type locality: 1 ♀ syntype: “Fergusson Is., ix,x,xi,xii, [18]95 (A.S.Meeke)”, (BMNH), (Howath T.G., 1977: 157).

Papua New Guinea



1427



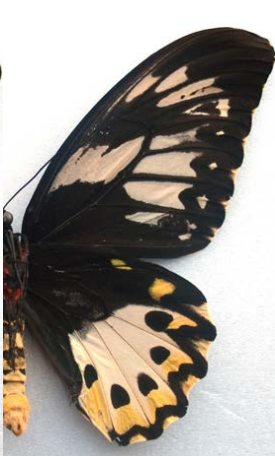
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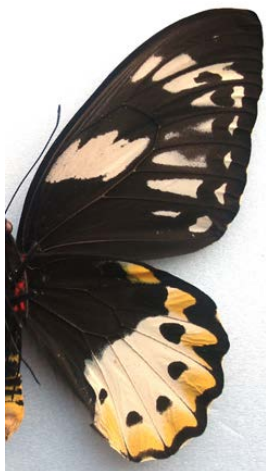
1438. ♀, Papua New Guinea, Morobe Province, 1200 m., Wau valley, 31.10.2002. Ex-pupa. Ex coll. Korolev V.A., № P00755;

1439. ♀, Papua New Guinea, Morobe Prov., Wau valley, 1200 m., 15.12.2005. Ex pupa. Ex coll. Korolev V.A., № P00691;

1440. ♀, P.N.G. Morobe Prov., 1200 m., Wau Valley, 11.12.2008. Ex-Pupa. Ex coll. Korolev V.A., № P00907.



1434



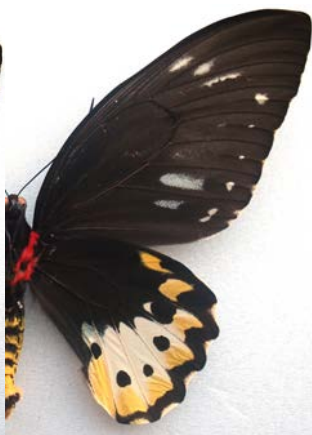
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Ornithoptera (Ornithoptera) priamus poseidon f. ♀ *aurago* Fruhstorfer, 1913

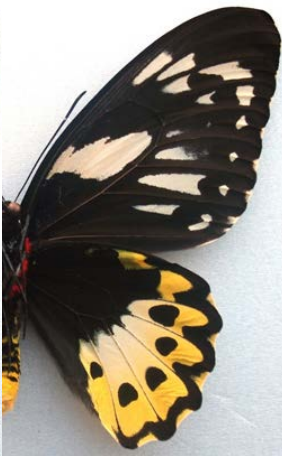
Type locality: 1 ♀ syntype: “Waidiu, H.Fruhstorfer / type”, (BMNH), (Howath T.G., 1977: 156). Indonesia..

New Guinea Is:

1441. ♀, Papua New Guinea, Morobe Province, 1200 m., Wau valley, 24.08.2007. Ex-pupa. Ex coll. Korolev V.A.,. № P00756).



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Ornithoptera (Ornithoptera) priamus arruana (Felder C. & Felder R., 1859)

Type locality: "Aru" (1 ♂, 3 ♀ syntypes, BMNH) (Howarth T.G., 1977: 156). Indonesia, o.Apy.

Indonesia, Aru Is.

1442. *Topotypus* ♂, Indonesia, Aru Isl., 02.2007. Ex pupa. Ex coll. Korolev V.A., № P00595;

1443. *Topotypus* ♀, Indonesia, Aru Isl., 02.2007. Ex pupa. Ex coll. Korolev V.A., № P00596;

Ornithoptera (Ornithoptera) priamus boisduvali (Montrouzier, 1856)

Indonesia, Woodlark Is.

1444. ♂, Indonesia, Woodlark isl., 10.01.1996, ex coll. Korolev V.A., № P00597;

1445. ♀, Indonesia, Woodlark isl., 10.01.1996, ex coll. Korolev V.A., № P00598.

Ornithoptera (Ornithoptera) priamus teucus Joicey & Talbot, 1916

Type locality: “Biak, Schouten Is., North N. Guinea, June 1914. A.C. and F.Pratt”, (28 ♂, 22 ♀ syntypes, BMNH), (Howarth T.G., 1977: 166).

Indonesia Biak Is.

1446. *Topotypus* ♂, Indonesia, Biak Isl., 5.12.2006, ex pupa. Ex coll. Korolev V.A., № P00599;

1447. *Topotypus* ♀, Indonesia, Biak Isl., 5.12.2006, ex pupa. Ex coll. Korolev V.A., № P00600.

Ornithoptera (Ornithoptera) priamus urvillianus (Guerin-Meneville, 1838)

Original description: *Papilio urvillianus* Guérin-Méneville, 1830; Voyage Coquille, 2 (2) : 273, : pl. 13, f. 1-2.

Synonyms: *Papilio priamus burkei* Clark, 1944; Proc. Biol. Soc. Wash. 57 : 95, TL: S. Solomon Is.; *Ornithoptera urvilliana* ab. *flavomaculata* Ribbe, 1898; Soc. Ent. 12 (20): 153;

Type locality: Solomon Is.

Note: Some authora considering this taxon as a separate species.



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Solomon Isls., Buin Is.

1448. (Table XIV, 1448) ♂, Papua New Guinea, North Solomons Prov., S. Bougainville, Buin, 13.12.2004, ex pupa. Ex coll. Korolev V.A., № P00602;

1449. ♀, Papua New Guinea, North Solomons Prov., S. Bougainville, Buin, 13.12.2004, ex pupa. Ex coll. Korolev V.A., № P00601;
1450. ♀, Papua New Guinea, North Solomons Prov., S. Bougainville, Buin, 21.11.2006, ex pupa. Ex coll. Korolev V.A., № P00603;
1451. ♀, Ex pupae / Bougainville Isl., (Solomon Isl.), 28.08.2010. Ex coll. Korolev V.A., № P01023.

Solomon Isls., Maramasike Is.:

1452. **Gray f.** ♂, Solomon Isl., Maramasike Isl., 2.04.2010. Ex pupae. Ex coll. Korolev V.A., № P00988;
1453. **Gray f.** ♀, Solomon Isl., Maramasike Isl., 1.02.2010. Ex pupae. Ex coll. Korolev V.A., № P00989;
1454. ♀, Ex pupae / Maramasike Isl. (Solomon Isl.) 20.01.2008. Ex coll. Korolev V.A., № P01024.

Tribe *PAPILIONINI* Latreille, [1802]

Genus *Chilasa* Moore, [1881]

Subgenus *Agehana* Matsumura, 1936

Chilasa (Agehana) elwesi (Leech, 1889)

Original description: *Papilio elwesi* Leech, 1889; Trans. ent. Soc. Lond. 1889 (1) : 113, pl. 7, f. 1.

Chilasa (Agehana) elwesi cavaleriei Le Cerf, 1923

Type locality: "China".

China, Jiangxi prov.

1455. (Table XV, 1455) *Topotypus* ♂, "*Agehana elwesi*" ♂ / China, NW Jiangxi Prov., Yangtze River, 12.07.2011. Ex coll. Korolev V.A., № P01299;

1456. *Sammer form* ♂, *Agehana elwesi cavaleriei* ♂, China, GuangXi, GuiLin (summer f.). 15.07.2011. Ex coll. Korolev V.A., № P01375.

Subgenus *Chilasa* Moore, [1881]

Chilasa (Chilasa) clytia (Linnaeus, 1758)

Original description: *Papilio clytia* Linnaeus, 1758; Syst. Nat. (Edn 10) I: 479.

Chilasa (Chilasa) clytia clytia (Linnaeus, 1758)

Type locality: "Indiis" [India].

Thailand

1457. ♂, North. Thailand, Chiang Mai. 11-14.05.2014. Ex coll. Korolev V.A., № P01870;

1458. (Table XV, 1458) ♀, «*C. clytia*. ♀». Thailand, Prae (Phrae Province), 20.07.1990. Ex coll. Korolev V.A., № P01288.

Chilasa (Chilasa) clytia echidna Boisduval, 1836

Type locality: Timor Is. (Indonesia).

Indonesia, Timor Is.

1459. (Table XV, 1459) *Topotypus* ♂, "*Chilasa clytia echidna* ♂" / Indonesia, W. Timor. 02.2013. Ex coll. Korolev V.A., № P01693;

Chilasa (Chilasa) clytia palephates (Westwood, 1845)

Type locality: "Manila" (Philippines)

Philippines, Mindoro Is.

1460. (Table XV, 1460) ♂, Philippines, Mindoro Isl., 22.11.2005. Ex coll. Korolev V.A., № P00674;

1461. ♂, Philippines, Mindoro Isl., 20.02.2010. Ex coll. Korolev V.A., № P01155;

Chilasa (Chilasa) paradoxa (Zinken-Sommer, 1831)

Original description: *Zelima paradoxa* Zinken, 1831; Nova Acta physico-med. [Leop. Carol.] 15 (1) : 162, pl. 15, f. 9-10.

Chilasa (Chilasa) paradoxa telearchus Hewitson, 1852

Type locality: "Sylhet", India, Bangladesh.

India, Assam

1462. (Table XV, 1462) ♂, "*Chilasa paradoxa telearchus*" ♂/ India, Assam, Khasi Hills. 10.05.2007. Ex coll. Korolev V.A., № P01479.

Chilasa (Chilasa) agestor (Gray, 1831)

Original description: *Papilio agestor* Gray, 1831; Zool. Miscell. (1): 32,

Chilasa (Chilasa) agestor agestor (Gray, 1831)

Type locality: "Sumatra" [error].

Thailand

1463. (Table XV, 1463) ♂, Thailand, Chaing Mai, 14.03.2005. Ex coll. Korolev V.A., № P00673;

Chilasa (Chilasa) slateri Hewitson, 1859

Original description: *Papilio slateri* Hewitson, 1859; Ill. exot. Butts [1] (*Papilio* IV): [7], pl. [4] f. 9.

Chilasa (Chilasa) slateri slateri Hewitson, [1859]

Type locality: "Borneo" [error]. Corrected TL: India, Sikkim, "Darjiling";

China, Guangxi prov.

1464. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01876;

1465. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01877;

1466. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01878.

N.Vietnam

1467. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 15-20.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01897.

Chilasa (Chilasa) slateri perses (de Nicéville, 1894)

Type locality: "Gayoes Mountains, N.-E. Sumatra" (Indonesia).



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Indonesia, Sumatra Is.

1468. (Table XV, 1468) *Topotypus* ♂, "*Chilasa slateri perses* ♂" / Indonesia, N. Sumatra, Bandar Baru, 03.2012. Ex coll. Korolev V.A., № P01694.

***Chilasa (Chilasa) epycides* (Hewitson, 1862)**

Original description: *Papilio epycides* Hewitson, 1864; Ill. exot. Butts [1] (*Papilio* VI): [11], pl. [6], f. 16.

Chilasa (Chilasa) epycides horatius Blanchard, 1871

Type locality: "dans la principauté de Mou-pin", China.

China, Sichuan prov.

1469. (Table XV, 1469) ♂, China, Sychuan, Yaan, 1000-1200 m, 20-25.04.2008. Ex coll. Korolev V.A., № P00910;

1470. ♂, China, Sichuan Province, Yaan, 1000-1200 m, 20-25.04.2008. Ex coll. Korolev V.A., № P01143.

***Chilasa (Chilasa) osmana* Jumalon, 1967**

Original description: *Papilio osmana* Jumalon, 1967; Philip. Sci. (F) 4: 117.

Chilasa (Chilasa) osmana osmana Jumalon, 1967

Type locality: Philippines.

Philippines, Leyte Is.

1471. (Table XV, 1471) *Topotypus* ♂, *Chilasa osmana*, Philippines, Leyte Is., Mt. Balocauca. 15.05.2009. Ex coll. Korolev V.A., № P01393.

***Chilasa (Chilasa) veiovis* (Hewitson, 1853)**

Original description: *Papilio veiovis* Hewitson, 1865; Ill. exot. Butts [1] (*Papilio* VII-VIII): [13], pl. [7], f. 20.

Type locality: "Menado" (Sulawesi Is., Indonesia).

Indonesia, Sulawesi Is.

1472. (Table XV, 1472) ♂, Indonesia, SE Sulawesi, loc. Kendari. 16-20.03.2011. Ex coll. Korolev V.A., № P01372);



1473. ♀, Indonesia, Sulawesi, 21.03.2005. Ex coll. Korolev V.A., № P00672;

1474. ♂, Indonesia, Centr. Sulawesi, Palolo Palu. 16-20.08.2014. Ex coll. Korolev V.A., № P02012.

***Chilasa (Chilasa) toboroi* (Ribbe, 1907)**

Original description: *Papilio laglaizei toboroi* Ribbe, 1907; Dt. ent. Z. Iris. 20 (1,2): 59, pl. 5, f. 1.

***Chilasa (Chilasa) toboroi toboroi* (Ribbe, 1907)**

Type locality: "von der Ostküste von Bougainville [...] aus der Gegend bei Gieta (Toboroi) [...] in den Bergen", Solomon Is.

Solomon Is.:

1475. (Table XV, 1475) ♂, "*Papilio toboroi*" / Solomon Islands, Santa Isabel Isl., Isabel Prov. 11.11.2011. Ex coll. Korolev V.A., № P01302;

1476. ♀, "*Papilio toboroi*" / Solomon Islands, Santa Isabel Isl., Isabel Prov. 6.11.2011. Ex coll. Korolev V.A., № P01303.

Genus *Papilio* Linnaeus, 1758

Subgenus *Achillides* Hübner, [1819]

***Papilio (Achillides) syfanius* Oberthür, 1886**

Original description: *Papilio syfanius* Oberthür, 1886; Étud. d'Ent. 11 :13, pl. 1, f. 3.

Papilio (Achillides) syfanius syfanius Oberthür, 1886

Type locality: "Ta-Tsien-Lou" (W. China).

China, Yunnan prov.

1477. (Table XV, 1477) ♂, *Papilio syfanius syfanius* / China, N.Yunnan Prov. 10.06.2011 / Ex coll. Korolev V.A., № P01528).

Papilio (Achillides) arcturus Westwood, 1842

Original description: *Papilio arcturus* Westwood, 1842; Ann. Mag. nat. Hist. 9: 37.

Papilio (Achillides) arcturus arcturus Westwood, 1842

Type locality: "Himalayan Mountains."

Synonyms: *Papilio arcturus ab. privatus* Röber, 1927; Int. ent. Zs. 20 (44): 400, TL: Naga Hills; *Papilio arcturus dawna* Tytler, 1939; J. Bombay nat. Hist. Soc. 41(2): 237-238, TL: Dawna Taung, Dawnas.

China, Yunnan prov.

1478. (Table XV, 1478) ♂, China, Yunnan, 13.07.2006. Ex coll. Korolev V.A., № P00717;

Vietnam:

1479. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 10-15.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01981;

1480. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 10-15.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P02005.

Thailand

1481. ♂, Thailand, Phrae, Wang Chin, 10.04.2009. Ex coll. Korolev V.A., № P00900)

Papilio (Achillides) arcturus arcturulus Fruhstorfer , 1901

Type locality: "Szechuan, China".

China, Sichuan prov.

1482. *Topotypus* ♂, *Papilio arcturus arcturulus* / China, Sechuan Prov. 16.06.2011 / Ex coll. Korolev V.A., № P01529.

Papilio (Achillides) polyctor Boisduval, 1836

Original description: *Papilio polyctor* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 205.

Note: some authors considered it as a ssp. of *P. bianor*.

Papilio (Achillides) polyctor stockleyi Gabriel, 1936

Type locality: “Cashmere” (NE India)

Thailand

1483. (Table XV, 1483) ♂, N.Thailand, Chiang Mai loc., 22.11.2009. Ex coll. Korolev V.A., № P01151;

1484. ♂, “*Papilio polyctor stockleyi*”, Thailand, Umphang, Ya Mo Kwi. 14.03.2011, Ex coll. Korolev V.A., № P01314.

Papilio (Achillides) bianor Cramer, 1777

Original description: *Papilio bianor* Cramer, [1777]; Uitl. Kapellen 2 (9-16): 10.

Type locality: “Kanton, China”.

Papilio (Achillides) bianor bianor Cramer, 1777

China, Guanjou prov.

1485. (Table XV, 1485) ♂, China, Guanjou, 22.07.2006. Ex coll. Korolev V.A., № P00712;

1486. ♀, China, Guanjou, 29.07.2006. Ex coll. Korolev V.A., № P00713).

Papilio (Achillides) bianor ganesa Doubleday, 1842

Type locality: “Nepal, Assam” (India).

China, Yunnan prov.

1487. ♂, China, Yunnan, 10-20.07.2006. Ex coll. Korolev V.A., № P00681;

1488. ♀, China, Yunnan, 10-20.07.2006. Ex coll. Korolev V.A., № P00682.

China, Guangxi prov.

1489. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01874;

1490. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01875;

1491. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01890.

Papilio (Achillides) bianor xiei Chou, 1994

Type locality: “Mengla ([...]), Yunnan” (China).

China, Yunnan prov.

1492. ♂, China, S.Yunnan, Lanchang, Hei Mt., 2300 m, 20.08.1999. Zhi leg. (Ex coll. Korolev V.A., № P01250).

Papilio (Achillides) bianor nakaharae Matsumura, 1929

Type locality: „Sachalin”.

Russia, Sachalin Is.:

1493. ♂, о.Сахалин, окр. г.Южно-Сахалинска, гора Чехова, 25-28.08.1990. 550 м., Щаденков А.А. [Sachalin, Yuzhno-Sachalinsk-city vic., Chekhov Mt., 25-28.08.1990. 550 m., Stshadenkov A.A. leg.] / Ex coll. Korolev V.A., № P00714;
 1494. ♀, о.Сахалин, окр. г.Южно-Сахалинска, гора Чехова, 25-28.08.1990. 550 м., Щаденков А.А. [Sachalin, Yuzhno-Sachalinsk-city vic., Chekhov Mt., 25-28.08.1990. 550 m., Stshadenkov A.A. leg.] / Ex coll. Korolev V.A., № P00715).



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Papilio (Achillides) bianor doii Matsumura, 1928

Type locality: Kuril Islands.

Russia, Kuril Islands

1495. ♂, Курилы, о.Итуруп, окр. Южно-Курильска. 21.07.1991, Ладыгин В.М. [Kuril Isl., Yuzhno-Kurilsk-city env., 21.07.1991. Ladygin V.M. leg.] / Ex coll. Korolev V.A., № P00716;

Type locality: "Formosa, Polisha, Chip-Chip-Kosempo", Taiwan.

Synonyms: *kotoensis* Sonan, 1927; TL: Taiwan.

Taiwan Is.

1496. *Topotypus* ♂, C.Taiwan, Nantou, Puli, 20.07.2010. Ex coll. Korolev V.A., № P01012.

Papilio (Achillides) maackii Ménétriés, 1859

Original description: *Papilio maackii* Ménétriés, 1859; Bull. Acad. Sci. St. Pétersb. 17: 212.

Papilio (Achillides) maackii maackii Ménétriés, 1859

Type locality: Khingan Mts. in the Amur region to Khangar.

Russia, Amur region

1497. ♂, *gen. vern.?*, Amur region, Oblutchje vic., Malyi Chingan, 7-9.06.1999, A.N.Streltsov leg. (Ex coll. Korolev V.A., № P00566);

1498. ♂, *gen. vern.?*, Amur region, Oblutchje vic., Malyi Chingan, 7-9.06.1999, .N.Streltsov leg. (Ex coll. Korolev V.A., № P00567).



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Russia, Khabarovsk Territory

1499. ♂, *gen. vern. f. raddei* Bremer, 1861, Комсомольск-на-Амуре, Силинский парк, 31.05.1994, Капкаев А.Ю. [Komsomolsk-on-Amur, Silinsky Park, 31.05.1994, Капкаев АЮ leg.] (Ex coll. Korolev V.A., № P00554);

1500. ♂, *gen. vern.*, Комсомольск-на-Амуре, Силинский парк, 31.05.1994, Капкаев А.Ю. [Komsomolsk-on-Amur, Silinsky Park, 31.05.1994, Капкаев АЮ] (Ex coll. Korolev V.A., № P00555);

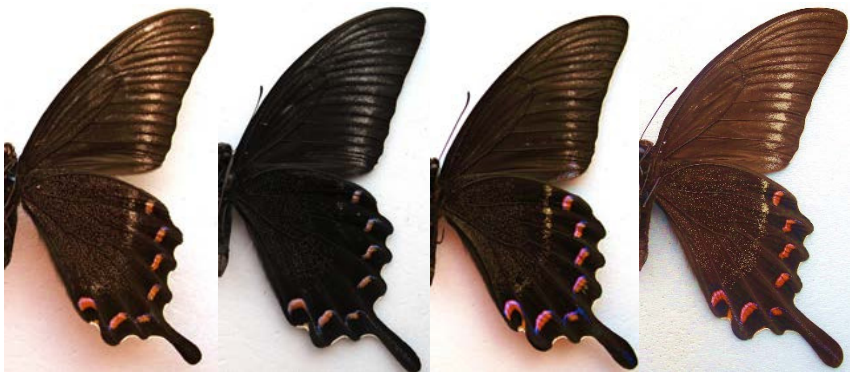
1501. ♂, *gen. vern.*, Комсомольск-на-Амуре, Силинский парк, 31.05.1994, Капкаев А.Ю. [Komsomolsk-on-Amur, Silinsky Park, 31.05.1994, Капкаев АЮ] (Ex coll. Korolev V.A., № P00556);



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1502. ♂, *gen. vern.*, Комсомольск-на-Амуре, Силинский парк, 31.05.1994, Капкаев А.Ю. [Komsomolsk-on-Amur, Silinsky Park, 31.05.1994, Каркаев АУ] (Ex coll. Korolev V.A., № P00557);
1503. ♂, *gen. vern.*, Комсомольск-на-Амуре, Силинский парк, 31.05.1994, Капкаев А.Ю. [Komsomolsk-on-Amur, Silinsky Park, 31.05.1994, Каркаев АУ] (Ex coll. Korolev V.A., № P00558);
1504. ♂, *gen. vern.*, Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 11.06.1994, Капкаев А.Ю. [Khabarovsk terr., Komsomolsk-on-Amur, Silinsky Park, 11.06.1994, Каркаев АУ leg.] (Ex coll. Korolev V.A., № P00559);
1505. ♂, *gen. vern.*, Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 11.06.1994, Капкаев А.Ю. [Khabarovsk terr., Komsomolsk-on-Amur, Silinsky Park, 11.06.1994, Каркаев АУ leg.] (Ex coll. Korolev V.A., № P00560);
1506. ♂, *gen. vern.*, Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 20.05.1995, Капкаев А.Ю. [Khabarovsk terr., Komsomolsk-on-Amur, Silinsky Park, 20.05.1995, Каркаев АУ leg.] (Ex coll. Korolev V.A., № P00561);

1507. ♂, *gen. vern.*, Комсомольск-на-Амуре, Силинский парк, 20.05.1995, Капкаев А.Ю. [Komsomolsk-on-Amur, Silinsky Park, 20.05.1995, Kapkaev AY leg.] (Ex coll. Korolev V.A., № P00562);
1508. ♀, *gen. vern.*, Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 11.06.1994, Капкаев А.Ю. [Khabarovsk terr., Komsomolsk-on-Amur, Silinsky Park, 11.06.1994, Kapkaev AY leg.] (Ex coll. Korolev V.A., № P00563);
1509. ♀, *gen. vern.*, Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 11.06.1994, Капкаев А.Ю. [Khabarovsk terr., Komsomolsk-on-Amur, Silinsky Park, 11.06.1994, Kapkaev AY leg.] (Ex coll. Korolev V.A., № P00564);
1510. ♀, *gen. vern.*, Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 20.06.1994, Капкаев А.Ю. [Khabarovsk terr., Komsomolsk-on-Amur, Silinsky Park, 20.06.1994, Kapkaev AY leg.] (Ex coll. Korolev V.A., № P00565);
1511. (Table XV, 1510) ♂, *gen. aestiva*, Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 27.07.1993, Капкаев А.Ю. [Khabarovsk terr., Komsomolsk-on-Amur, Silinsky Park, 27.07.1993, Kapkaev AY leg.] (Ex coll. Korolev V.A., № P00569);
1512. ♂, *gen. aestiva*, Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 27.07.1993, Капкаев А.Ю. [Khabarovsk terr., Komsomolsk-on-Amur, Silinsky Park, 27.07.1993, Kapkaev AY leg.] (Ex coll. Korolev V.A., № P00570);
1513. ♀, *gen. aestiva*, Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 25.07.1993, Капкаев А.Ю. [Khabarovsk terr., Komsomolsk-on-Amur, Silinsky Park, 25.07.1993, Kapkaev AY leg.] (Ex coll. Korolev V.A., № P00571);
1514. ♀, *gen. aestiva*, Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 24.07.1994, Капкаев А.Ю. [Khabarovsk terr., Komsomolsk-on-Amur, Silinsky Park, 24.07.1994, Kapkaev AY leg.] (Ex coll. Korolev V.A., № P00572);
1515. ♀, *gen. aestiva*, Хабаровский край, Комсомольск-на-Амуре, Силинский парк, 30.07.1994, Капкаев А.Ю. [Khabarovsk terr., Komsomolsk-on-Amur, Silinsky Park, 3.007.1994, Kapkaev AY leg.] (Ex coll. Korolev V.A., № P00573).

Russia, Primorsky Region

1516. ♂, *gen. aestiva*, Приморский край, Сихоте-Алинь, окр. п.Терней, на дороге в массе, 10.07.1989, [Primorsky Region, Sikhote-Alin, env. Terney, on the road in duantity, 10.07.1989] (Ex coll. Korolev V.A., № P00568);
1517. ♂, *gen. aestiva*, Приморье, окр. Партизанска, д.Анисомовка, 20.07.2008, Бережной Ю.И. [Primorye, env. Partisansk, Anisomovka vil., 20.07.2008, Berezhnoi YI leg.] (Ex coll. Korolev V.A., № P00820);
1518. ♂, *gen. aestiva*, Приморье, окр. Партизанска, д.Анисомовка, 20.07.2008, Бережной Ю.И. [Primorye, env. Partisansk, Anisomovka vil., 20.07.2008, Berezhnoi YI leg.] (Ex coll. Korolev V.A., № P00821);
1519. ♂, *gen. aestiva*, Приморье, окр. Партизанска, д.Анисомовка, 20.07.2008, Бережной Ю.И. [Primorye, env. Partisansk, Anisomovka vil., 20.07.2008, Berezhnoi YI leg.] (Ex coll. Korolev V.A., № P00822);
1520. ♂, *gen. aestiva*, Приморье, окр. Партизанска, д.Анисомовка, 20.07.2008, Бережной Ю.И. [Primorye, env. Partisansk, Anisomovka vil., 20.07.2008, Berezhnoi YI leg.] (Ex coll. Korolev V.A., № P00823);
1521. ♂, *gen. aestiva*, Приморье, окр. Партизанска, д.Анисомовка, 20.07.2008, Бережной Ю.И. [Primorye, env. Partisansk, Anisomovka vil., 20.07.2008, Berezhnoi YI leg.] (Ex coll. Korolev V.A., № P00824);
1522. ♂, *gen. aestiva*, Приморье, окр. Партизанска, д.Анисомовка, 20.07.2008, Бережной Ю.И. [Primorye, env. Partisansk, Anisomovka vil., 20.07.2008, Berezhnoi YI leg.] (Ex coll. Korolev V.A., № P00825);

1523. ♂, *gen. aestiva*, Приморье, окр. Партизанска, д. Анисомовка, 20.07.2008, Бережной Ю.И. [Primorye, env. Partisansk, Anisomovka vil., 20.07.2008, Berezhnoi YI leg.] (Ex coll. Korolev V.A., № P00838);
1524. ♂, *gen. aestiva*, Приморье, окр. Партизанска, д. Анисомовка, 20.07.2008, Бережной Ю.И. [Primorye, env. Partisansk, Anisomovka vil., 20.07.2008, Berezhnoi YI leg.] (Ex coll. Korolev V.A., № P00839);
1525. ♂, *gen. aestiva*, Приморье, окр. Партизанска, д. Анисомовка, 20.07.2008, Бережной Ю.И. [Primorye, env. Partisansk, Anisomovka vil., 20.07.2008, Berezhnoi YI leg.] (Ex coll. Korolev V.A., № P00840);
1526. ♂, *gen. aestiva*, Приморье, окр. Партизанска, д. Анисомовка, 20.07.2008, Бережной Ю.И. [Primorye, env. Partisansk, Anisomovka vil., 20.07.2008, Berezhnoi YI leg.] (Ex coll. Korolev V.A., № P00841);
1527. ♂, *gen. aestiva*, Приморье, окр. Партизанска, д. Анисомовка, 20.07.2008, Бережной Ю.И. [Primorye, env. Partisansk, Anisomovka vil., 20.07.2008, Berezhnoi YI leg.] (Ex coll. Korolev V.A., № P00842).

NE China, Heilongjiang prov.

1528. ♂, *gen. aest.* NE China, Heilongjiang Prov., Harbin loc., 10-15.07.2013. Ex coll. Korolev V.A., № P01887;
1529. ♂, *gen. aest.* NE China, Heilongjiang Prov., Harbin loc., 10-15.07.2013. Ex coll. Korolev V.A., № P01888;
1530. ♂, *gen. aest.* NE China, Heilongjiang Prov., Harbin loc., 10-15.07.2013. Ex coll. Korolev V.A., № P01889;
1531. ♂, *gen. aest.* NE China, Heilongjiang Prov., Harbin loc., 10-15.07.2013. Ex coll. Korolev V.A., № P01902.

Papilio (Achillides) maackii tutanus Fenton, [1882]

Original description: *Papilio dehaani* var.(?) *tutanus* Fenton, [1882]; Proc. Zool. Soc. Lond. 1881 (4): 855.

Type locality: Yesso, (Japan).

Japan, Honshu Is.

1532. ♂, *gen. aestiva*, “*Papilio maackii tutanus*” / Japan, Nagano Pref., Unomaru Highlands. 15.08.1998. Ex coll. Korolev V.A., № P01489.

Papilio (Achilides) maackii kurilensis Matsumura, 1928;

Original description: *Papilio maackii kurilensis* Matsumura, 1928; Insecta Matsumurana 2 (4): 192.

Type locality: «Kuriles, 3 male specimens were collected in July and August at Shakotan» (Kuril Islands).

Russia, Sachalin Is.

1533. ♂, *gen. aestiva*, о.Сахалин, берег Анивского залива, окр. п. Кириллово, лес, 24.07.1990. [Sahalin, coast Aniva Bay, env. Kirillovo village, forest, 24.07.1990] (Ex coll. Korolev V.A., № P00574).

***Papilio (Achillides) dialis* (Leech, 1893)**

Original description: *Papilio dialis* Leech, 1893; Entomologist 26(Suppl.): 104.

Papilio (Achillides) dialis andronicus Fruhstorfer, 1909

Type locality: “Chip-Chip, Formosa” (Taiwan Is.)

Taiwan Is.



1534. *Topotypus* ♂, C.Taiwan, Nantou, Puli, 13.07.2010. Ex coll. Korolev V.A., № P01011.

***Papilio (Achillides) blumei* Boisduval, 1836**

Original description: *Papilio blumei* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 206.

Papilio (Achillides) blumei blumei Boisduval, 1836

Type locality: "Amboina" (error), corrected TL: N.Sulawesi, Indonesia.

Indonesia, N.Sulawesi Is.

1535. (Table XV, 1535) ♂, Indonesia, N.Sulawesi, 21.02.1997. Ex coll. Korolev V.A., № P00621;

1536. ♂, Indonesia, N.Sulawesi, 15.12.2006. Ex coll. Korolev V.A., № P00622;

1537. ♀, Indonesia, N.Sulawesi. 18.02.2009. Ex coll. Korolev V.A., № P01150.

Papilio (Achillides) blumei fruhstorferi Röber, 1897

Type locality: “S.Celebes” (S. Sulawesi).

Indonesia, S. Sulawesi Is.

1538. (Table XV, 1538) ♂, «*Papilio blumei fruhstorferi*», Indonesia, S.Sulawesi Is., Camba, 13.09.2011. Ex coll. Korolev V.A., № P01380;

1539. ♀, «*Papilio blumei fruhstorferi*», Indonesia, S.Sulawesi Is., Camba, 14.10.2011. Ex coll. Korolev V.A., № P01381.

Papilio (Achillides) chikae Igarashi, 1965

Original description: *Papilio chikae* Igarashi, 1965; Tyô to Ga 16 (1/2): 41.

Papilio (Achillides) chikae hermeli Nuyda, 1992

Type locality: "Mt Halcon", N.Mindoro, Philippines.

Philippines, Mindoro Is.

1540. *Topotypus* ♂, "*Papilio hermeli* ♂" / Philippines N.Mindoro, Halcon Mt., 5.12.2013. Ex coll. Korolev V.A., № P01829;

1541. *Topotypus* ♀, "*Papilio hermeli* ♀" / Philippines N.Mindoro, Halcon Mt., 5.12.2013. Ex coll. Korolev V.A., № P01830;

1542. (Table XV, 1541) ♂, Philippines, Mindoro Isl., 10-15.10.2008. Ex coll. Korolev V.A., № P00898.

Papilio (Achillides) crino Fabricius, 1792

Original description: *Papilio crino* Fabricius, 1793; Ent. Syst. 3 (1): 5.

Papilio (Achillides) crino crino Fabricius, 1792

Type locality: Madras, India.

India, Madras

1543. (Table XV, 1543) *Topotypus* ♂, India, loc. Madras, 3.10.2003. Ex coll. Korolev V.A., № P00617.

Papilio (Achillides) daedalus Felder & Felder, 1861

Original description: *Papilio daedalus* Felder & Felder, 1861; *Papilio daedalus* C. & R. Felder, 1861; Wien. ent. Monats. 5 (10) : 298.

Papilio (Achillides) daedalus daedalus Felder & Felder, 1861

Type locality: "Luzon"; Philippines.

Philippines, Luzon Is.

1544. (Table XVI, 1544) *Topotypus* ♂, Philippines, Luzon Isl., 18.07.2006. Ex coll. Korolev V.A., № P00629;

1545. *Topotypus* ♀, Philippines, Luzon Isl., 15.10.2010. Ex coll. Korolev V.A., № P00971.

Papilio (Achillides) daedalus angustatus (Staudinger, 1888)

Original description: *Papilio Daedalus* Feld. var. *angustatus* Staudinger, 1888; Corr.-Bl. Ent. Ver. Iris 1 (5) : 273.

Type locality: Philippines, (Insel Palawan [...] bei Puerto Princesa, einer spanischen Verbrecher Kolonie [...] etwa unter dem 10. Grad nördlicher Breite und etwa unter dem 119. Längengrad).

Philippines, Palawan Is.



1546. *Topotypus* ♂, [Indonesia], Palawan Isl., 15.04.1988. Ex coll. Korolev V.A., № P00630.

***Papilio (Achillides) krishna* Moore, 1857**

Original description: *Papilio krishna* Moore, 1857; in Horsfield & Moore, Cat. lep. Ins. Mus. East India Coy, 1: 108, pl. 2a, f. 6.

***Papilio (Achillides) krishna charlesi* Fruhstorfer, 1902**

Type locality: “Siao-Lou, Szetchuan”; China.

China, Sichuan prov.

1547. (Table XVI, 1547) *Topotypus* ♂, China, Sichuan, 15.04.2008. Ex coll. Korolev V.A., № P00947;

***Papilio (Achillides) neumoegei* (Honrath, 1890)**

Original description: *Papilio neumoegei* Honrath, 1890, Ent. Nachr. 16 (8): 127.

***Papilio (Achillides) neumoegei neumoegei* (Honrath, 1890)**

Type locality: “Sumba”, Indonesia, Sambawa, Arch. Mal.

Indonesia, Sumba Is.

1548. (Table XVI, 1548) *Topotypus* ♂, Indonesia, Sumba Isl., 21.02.2006. Ex coll. Korolev V.A., № P00627).

Papilio (Achillides) karna Felder & Felder, 1864

Original description: *Papilio karna* C. & R. Felder, 1864; Verh. zool.-bot. Ges. Wien 14 (3) : 323.

Papilio (Achillides) karna karna Felder & Felder, 1864

Type locality: “Java” (Indonesia).

Indonesia, Java Is.

1549. (Table XVI, 1549) *Topotypus* ♂, Indonesia, Java Isl., 18.02.2006. Ex coll. Korolev V.A., № P00616.

Papilio (Achillides) paris Linnaeus, 1758

Original description: *Papilio paris* Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 459,

Papilio (Achillides) paris paris Linnaeus, 1758

Type locality: “Asia”; corrected TL: “Canton”, China.

China, Yunnan prov.

1550. ♂, South China, Yunnan Prov., Wenshan vic., 1-10.06.2014. Ex coll. Korolev V.A., № P01984;

1551. ♂, South China, Yunnan Prov., Wenshan vic., 1-10.06.2014. Ex coll. Korolev V.A., № P01985.

Vietnam

1552. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 15-20.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01982;

1553. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 10-15.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01983.

Indonesia, Java Is.

1554. (Table XV, 1554) ♂, Indonesia, Java Isl., 15.02.2006. Ex coll. Korolev V.A., № P00623.

Myanmar (Burma)

1555. ♂, Burma, Kalan Shan, 26.09.2007. Ex coll. Korolev V.A., № P01019.

Papilio (Achillides) paris tenggerensis (Fruhstorfer, 1893)

Type locality: “Mt. Tengger, Java, 5000 ft.”; Indonesia.

Indonesia, Java Is.:

1556. ♂, “*Papilio paris detanii*” / Indonesia, E. Java, Mt. Argopuro, 1200 m / 15.05.2011. / Ex coll. Korolev V.A., № P01461;

1557. ♀, “*Papilio paris detanii*” / Indonesia, E. Java, Mt. Argopuro, 1200 m / 15.05.2011. / Ex coll. Korolev V.A., № P01462;

1558. ♀, “*Papilio paris detanii*”/ Indonesia, E. Java, Mt. Argopuro, 1200 m / 15.05.2011. / Ex coll. Korolev V.A., № P01463.



1556

1557

1559

1562

Papilio (Achillides) paris battacorum Rothschild, 1908

Type locality: [Gonkong?] NE.Sumatra (Indonesia).

Indonesia, Sumatra Is.

1559. ♂, Indonesia, Sumatra, 15.02.2009. Ex coll. Korolev V.A., № P00945.

Papilio (Achillides) paris hermosanus Rebel, 1906

Type locality: “Formosa” (Taiwan Is.).

Taiwan Is.



1560. ♂, C.Taiwan, Nantou, Puli, 15.07.2010. Ex coll. Korolev V.A., № P01016).

Papilio (Achillides) paris chinensis (Rothschild, 1895)

Type locality: "Western China" (W. China, Tibet).

China, Sichuan prov.

1561. ♂, China, Sezhuan prov., March 2005. Ex coll. Korolev V.A., № P00624;

1562. ♂, China, Sichuan, 25.07.2011. Ex coll. Korolev V.A., № P01436.

Papilio (Achillides) pericles Wallace, 1865

Original description: *Papilio pericles* Wallace, 1865; Trans. Linn. Soc. Lond. 25 (1): 45, pl. 6, f. 1.

Type locality: "Timor", Indonesia.

Indonesia, Timor Is.

1563. (Table XVI, 1563) *Topotypus* ♂, "*Papilio pericles* ♂" / Indonesia, W. Timor Is.; 02.2013. Ex coll. Korolev V.A., № P01708.

Papilio (Achillides) peranthus Fabricius, 1787

Original description: *Papilio peranthus* Fabricius, 1787; Mantissa Insectorum 2: 4.

Papilio (Achillides) peranthus peranthus Fabricius, 1787

Type locality: "Java" (Indonesia).

Indonesia, Java Is.

1564. (Table XVI, 1564) ♂, Indonesia, Java Isl., 5-10.11.2005. Ex coll. Korolev V.A., № P00619.

Papilio (Achillides) peranthus transiens (Fruhstorfer, 1897)

Type locality: Lesser Sunda Is. (Indonesia).

Indonesia, Bali Is.

1565. ♂, Indonesia, Bali Isl., 20.06.2006. Ex coll. Korolev V.A., № P00620;

1566. ♂, Indonesia, Bali isl., loc. Klungkung, 21.12.2010. Ex coll. Korolev V.A., № P01253.

Papilio (Achillides) peranthus baweanus Hagen, 1896

Type locality: Bawean Is. (Indonesia).

Indonesia, Bawean Is.

1567. *Topotypus* ♂, Indonesia, Bawean Isl., 20.11.2007. Ex coll. Korolev V.A., № P00763.

Papilio (Achillides) peranthus fulgens (Röber, 1891)

Type locality: "Bonerate" (Flores Sea, Indonesia).

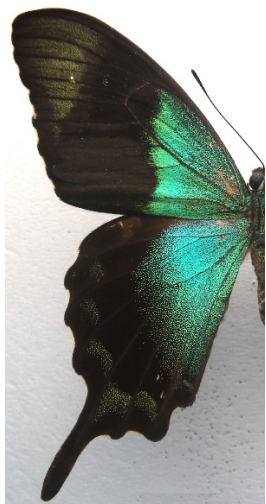
Indonesia, Lombok Is.:

1568. ♂, Indonesia, Lombok Isl., 12.10.2007. Ex coll. Korolev V.A., № P00764).

Type locality: "Saleyer, south of Celebes", Indonesia.

Indonesia, S.Sulawesi

1569. ♂, "*Papilio pericles*(!) *insulicola* ♂" / Indonesia, Sulawesi, Palopo.; 10.2012. Ex coll. Korolev V.A., № P01709;



1565



1567



1568



1569



1570



1571

Type locality: Kangean Is., Indonesia.

Indonesia, Kangean Is.

1570. ♂, Indonesia, Kangean Isl., 15.04.2001. Ex coll. Korolev V.A., № P00946.

Papilio (Achillides) peranthus adamantius (C. & R. Felder, 1864)

Type locality: “Celebes” (N. Sulawesi, Indonesia).

Indonesia, N. Sulawesi

1571. ♂, Indonesia, Sulawesi, Palo, February 2005. Ex coll. Korolev V.A., № P00618.

Papilio (Achillides) lorquinianus Felder & Felder, 1865

Original description: *Papilio lorquinianus* C. & R. Felder, 1865; Reise Fregatte Novara, Bd 2 (Abth. 2) (1): 119.

Papilio (Achillides) lorquinianus albertsi (Oberthür, 1880)

Type locality: “Andai” (West Irian, Indonesia).

Indonesia, West Irian

1572. (Table XVI, 1572) ♂, Indonesia, West Irian Jaya, [Arfak Mts.] 15.11.2005. Ex coll. Korolev V.A., № P00628;

1573. ♂, Indonesia, W. Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A., № P01765.

Papilio (Achillides) ulysses Linnaeus, 1758

Original description: *Papilio ulysses* Linnaeus, 1758; Syst. Nat. (Edn 10)1: 462;

Synonyms: *Papilio diomedes* Linnaeus, 1758; Syst. Nat. (Edn 10) 1 : 462, TL: India; *Papilio ulysses telephanes* Fruhstorfer, 1902; Soc. Ent. 17 (8): 58, TL: Kiriwina; Fergusson; dirce Jordan, 1909.

Papilio (Achillides) ulysses ulysses Linnaeus, 1758

Type locality: “Asia”, corrected TL: “Seram, Ambon” (Indonesia).

Indonesia, Seram Is.

1574. (Table XVI, 1574) ♂, Indonesia, Seram Isl., 17.07.2006. Ex coll. Korolev V.A., № P00614;

1575. ♀, “*Papilio u. ulysses* ♀”/ Indonesia, Ceram Is., 13.07.2013. Ex coll. Korolev V.A., № P01824.

Papilio (Achillides) ulysses autolyces (C. & R. Felder, 1865)

Type locality: “New Guinea” (Indonesia).

Indonesia, New Guinea Is.

1576. ♂, New Guinea, W.Irian, 14.01.1995. Ex coll. Korolev V.A., № P00615.

Papilio (Achillides) ulysse telegonus (C. & R. Felder, 1860)

Type locality: "Batschian" (Indonesia).

Indonesia, Bachan Is.

1577. (Table XVI, 1577) ♂, Indonesia, Moluccas, Bachan Isl., 15.05.2004. Ex coll. Korolev V.A., № P00687.

Subgenus *Eleppone* Hancock, 1979

Papilio (Eleppone) anactus MacLeay, 1826

Original description: *Papilio anactus* MacLeay, [1826]; in King, Narr. Surv. Austr. 2: 458.

Type locality: "Austr. occ.", E.Australia.

E.Australia



1578. *Topotypus* ♀, E.Australia, Quinsland, loc. Brisbane, 15.02.2014 / Ex coll. Korolev V.A., № P02024.

Subgenus *Druryia* Aurivillius, 1881

Note: this subgenus subdivided into several species-groupes by some authors.

Papilio (Druryia) antimachus Drury, 1782

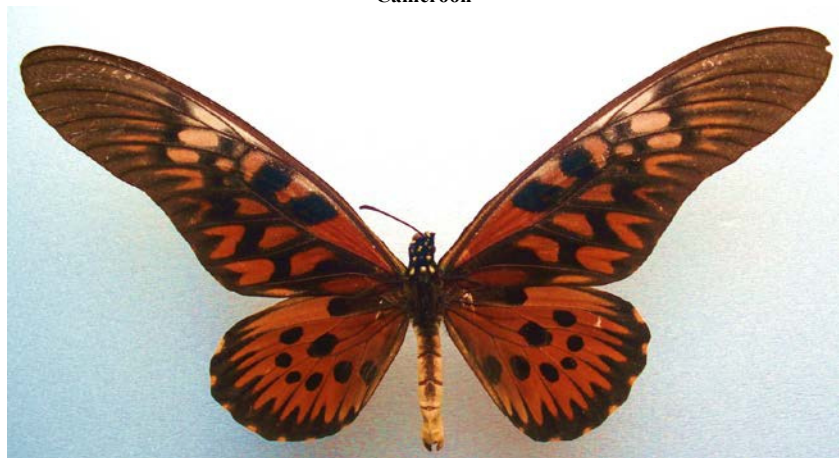
Original description: *Papilio antimachus* Drury, 1782; Illust. Nat. Hist. Exot. Insects 3: index & 1: pl. 1.

Papilio (Druryia) antimachus antimachus Drury, 1782

Type locality: Sierra Leone.

Synonyms: *Drurya*[sic] *antimachus* var. *gigantea* Watkins, 1899, TL: Gabon; *Druryia antimachus* ab. *plagiata* Stichel, 1903, TL: Cameroon; *Papilio antimachus* f. *parvus* Reuss, 1922; Archiv Naturg. 87 A (11): 232, TL: Sierra Leone; *Papilio antimachus* f. *karschi* Reuss, 1922; Archiv Naturg. 87 A (11) : 233, TL: Togo; *Papilio antimachus congolanus* Dufrane, 1929, TL: Congo Belge; *Papilio antimachus coffea* Talbot, 1936, TL: Ivory Coast.

Cameroon



1579. ♂, Cameroon, Tibati env., 25.10.2007. Ex coll. Korolev V.A., № P00731.

Papilio (Druryia) mackinnoni Sharpe, 1891

Original description: *Papilio mackinnoni* Sharpe, 1891; Proc. Zool. Soc. Lond. 1891: 187, pl. 16, f. 1.

Papilio (Druryia) mackinnoni mackinnoni Sharpe, 1891

Type locality: "Between Sotik and Kavirondo, Kikuyu".

Synonyms: *Papilio mackinnoni immaculatus* Suffert, 1904, TL: Hinterlande von Usambara; *Papilio mackinnoni bimaculatus* Suffert, 1904, TL: ibid.

Uganda

1580. (Table XVI, 1580) ♂, "*Papilio m. mackinnoni*" / SW Uganda, Kayonze Prov., 23.11.2001. Ex coll. Korolev V.A., № P01304;

1581. ♂, OUGANDA, Bwindi NP, Impenchant forest, Buhoma Area, 14.02.2014. Ex coll. M.Bonnard / Ex coll. Korolev V.A., № P01976.

Papilio (Druryia) rex Oberthür, 1886

Original description: *Papilio rex* Oberthür, 1886; Bull. Soc. ent. Fr. (6) 6 :114.

Papilio (Druryia) rex mimeticus Rothschild, 1897

Type locality: Uganda, “Msarosaro”.

Synonyms: *Papilio rex barnsi* Le Cerf, 1924, TL: Congo Belge, Upper Lowa Valley, West of Masisi N.O. Kivu, 4500-5000ft.

Uganda

1582. (Table XVI, 1582) ♂, “*Papilio rex mimeticus*” / Uganda, Kyanyawara Forest, 25.08.2011. Ex coll. Korolev V.A., № P01313.

Zaire, Kivu Province

1583. ♂, Zaire. Kivu prov., Lume. 15.07.2012. Ex coll. J.Jakush / Ex coll. Korolev V.A., № P01717.

Papilio (Druryia) chrapkowskoides Storace, 1952

Original description: *Papilio chrapkowskoides* Storace, 1952; Lambillionea 52: 9.

Synonyms: *Papilio bromius* Doubleday, 1845; Ann. Mag. nat. Hist. (1) 16(104): 176 (preocc. *Papilio bromius* Stoll, [1787]), TL: [Ghana] Ashanti.

Papilio (Druryia) chrapkowskoides chrapkowskoides Storace, 1952

Type locality: Uganda: “Kalinzu Forest, Uganda occidental; Entebbe”.

Uganda

1584. *Topotypus* ♂, Uganda, Kalinzu forest, 18-22.01.2013. Ex coll. Korolev V.A., № P01815:

1585. *Topotypus* ♂, Uganda, Kalinzu forest, 18-22.01.2013. Ex coll. Korolev V.A., № P01816:

Papilio (Druryia) chrapkowskoides nurettini Koçak, 1983

Type locality: Ghana: “Ashanti”.

Central African Republic:

1586. (Table XVI, 1586) ♂, Central African Republic, Bangui, 18.12.2006. Ex coll. Korolev V.A., № P00660.

Papilio (Druryia) desmondi van Someren, 1939

Original description: *Papilio desmondi* van Someren, 1939; J. E. Afr. Uganda nat. Hist. Soc. 14: 132.

Type locality: “Kenya, Chyulu Range, 6800 ft”.

Papilio (Druryia) desmondi magdae Gifford, 1961

Type locality: ‘N.Tanzania’ (Mt. Meru, Kilimanjaro, Ngoro Ngoro).

Tanzania

1587. (Table XVI, 1587) *Topotypus* ♂, Thanzania, W.Kilimanjaro, Twanra, 20.03.2008. Ex coll. Korolev V.A., № P00980.

***Papilio (Druryia) epiphorbas* Boisduval, 1833**

Original description: *Papilio epiphorbas* Boisduval, 1833; Nouv. Ann. Mus. Hist. Nat. Paris 2 (2): 161.

Papilio (Druryia) epiphorbas epiphorbas Boisduval, 1833

Type locality: Sainte-Marie and Madagascar.

Madagascar

1588. (Table XVI, 1588) ♂, Madagascar, Tuliara, 18.03.1997. Ex coll. Korolev V.A., № P00664;

1589. ♂, Madagascar, Beপরাস্য, 13.05.2007. Ex coll. Korolev V.A., № P00704.

***Papilio (Druryia) hornimani* Distant, 1879**

Original description: *Papilio hornimani* Distant, 1879; Proc. zool. Soc. Lond. 1879: 647, pl. 47, f. 1-3.

Type locality: Magila, East Africa (Tanzania).

Tanzania

1590. (Table XVI, 1590) ♂, Tanzania, loc. Kilimanjaro, 15.09.2006 Ex coll. Korolev V.A., № P00706.

***Papilio (Druryia) nireus* Linnaeus, 1758**

Original description: *Papilio nireus* Linnaeus, 1758; Syst. Nat. (Edn 10)1: 464.

Papilio (Druryia) nireus nireus Linnaeus, 1758

Type locality: "Indiis" (error); corrected TL: West Africa.

Cameroon

1591. ♂, Camerun, loc. Yaunde, 10-20.12.2004. Ex coll. Korolev V.A., № P00661.

Central African Republic

1592. (Table XVI, 1592) ♂, R.C.A., Bambari, 16.04.2010. Ex coll. Korolev V.A., № P00966;

Zaire, Kivu Province

1593. ♂, Zaire. Kivu prov., Lume. 15.07.2012. Ex coll. J.Jakush / Ex coll. Korolev V.A., № P01718.



1593

1595

Uganda

1594. ♂, OUGANDA, Bwindi NP, Impenchant forest, Buhoma Area, 14.02.2014. Ex coll. M.Bonnard / Ex coll. Korolev V.A., № P01973.

Papilio (Druryia) nireus lyaeus Doubleday, 1845

Type locality: "Africa Australiori [...] the Cape" (E. & S. Africa).

Tanzania

1595. ♂, Tanzania, Kilimanjaro, Hai distr., Ngare village 25.02.2012. Ex coll. Korolev V.A., № P01438.

Papilio (Druryia) oribazus Boisduval, 1836

Original description: *Papilio oribazus* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 223.

Papilio (Druryia) oribazus oribazus Boisduval, 1836

Type locality: Madagascar.

Madagascar

1596. (Table XVI, 1596) ♂, Madagascar, loc. Anthalaha, 450 m, 14.03.2005. Ex coll. Korolev V.A., № P00662;

1597. ♂, Madagascar, 10-15.02.2005. Ex coll. Korolev V.A., № P00663.

Papilio (Druryia) charopus Westwood, [1843]

Original description: *Papilio charopus* Westwood, 1843; Arcana entomologica, 1: 189.

Type locality: "Gold Coast"; error, corrected TL: Cameroon.

Papilio (Druryia) charopus montuosus Joicey & Talbot, 1927

Type locality: "N.W. Kivu, Upper Iowa Valley, near Masisi, 5000-6000 ft., forest and long grass country" (Заир, сев.-зап. провинции Киву).

Synonyms: *juventus* Le Cerf, 1924 (as ssp. of *Papilio charopus*). Bulletin of the Hill Museum, Witley 1: 385 (369-399, 576, 578, 580, 582, 584); TL: Zaire "Semliki Valley". [Invalid; junior primary homonym *Papilio juventa* Cramer, 1777 *Danainae*].

Uganda

1598. (Table XVI, 1598) ♂, "*Papilio charopus juventus*" / Uganda, Kyanyawara Forest, 28.08.2011. Ex coll. Korolev V.A., № P01295.

Papilio (Druryia) gallienus Distant, 1879

Original description: *Papilio gallienus* Distant, 1879; Proc. zool. Soc. Lond. 1879: 649.

Type locality: [Nigeria] Isubu, Mongu-ma-lobah and Calabar district.

Cameroon

1599. (Table XVI, 1599) ♂, Cameroun, loc. Tibati. 10.12.2004. Ex coll. Korolev V.A., № P00718.

Papilio (Druryia) mechowi Dewitz, 1881

Original description: *Papilio mechowi* Dewitz, 1881. Berliner Entomologische Zeitschrift 25: 286 (286).

Papilio (Druryia) mechowi mechowi Dewitz, 1881

Type locality: "Westafrika, Quango" (Angola).

Zaire, Kivu Province

1600. (Table XVI, 1600) ♂, Zaire, Kivu prov., Pateka. 26.06-5.07.2012. Ex coll. J.Jakush / Ex coll. Korolev V.A., № P01720;

1601. ♂, Zaire, Kivu prov., Pateka. 26.06-5.07.2012. Ex coll. J.Jakush / Ex coll. Korolev V.A., № P01721.

Central African Republic

1602. ♂, C.A.R. Bouchia vic., 15-20.02.2009. Ex coll. Korolev V.A. / Ex coll. Korolev V.A., № P01722.

Cameroon

1603. ♂, Cameroon, Kribi vic., 5-10.11.2005. Ex coll. Korolev V.A. / Ex coll. Korolev V.A., № P01723.



1601

1602

1603

1604

Uganda

1604. ♂, Uganda, Kalinzu Forest, 18-22.01.2013. Ex coll. Korolev V.A. / Ex coll. Korolev V.A., № P01724.

Papilio (Druryia) mechowianus Dewitz, 1885

Original description: *Papilio cypraeafile[sic] var. mechowianus* Dewitz, 1885; Ent. Nachr. 11 (20) : 305.

Type locality: “Niam Niam Ländern” (Angola).

Synonyms: *Papilio andoclidus* Grose-Smith, 1900, TL: Upper Congo, Stanley Falls; *Papilio mechowianus* ab. *lagai* Dufrane, 1936, TL: Congo Belge, sur les bords de la rivière Salonga, aux environs de Watzikengo.

Cameroon



1605. ♂, Cameroon, loc. Yaunde. 15.01.2006. Ex coll. Korolev V.A., № P00719.

Papilio (Druryia) fuelleborni Karsch, 1900

Original description: *Papilio fülleborni* Karsch, 1900. Entomologische Nachrichten. Berlin 26: 353 (353-359).

Type locality: “zwischen Uhehe und Iringa; zwischen Idunda und Iringa in Uhehe” (Tanzania).

Papilio (Druryia) fuelleborni neocesa Kemal & Kocak, 2005

Type locality: “Afrique orientale allemande, Forêt du Kilimandjaro, au-dessus du Narangu, versant Sud-est alt. 1800 à 200 m” (N.Tanzania, Kilimanjaro).

Synonyms: *Papilio sjoestedti atavus* Le Cerf, 1912.

Tanzania



1606. *Topotypus* ♂, Tanzania, Kilimanjaro, Hai distr., Ngare vill. 15.02.2012. Ex coll. Korolev V.A., № P01439.

Papilio (Druryia) echerioides Trimen, 1868

Original description: *Papilio echerioides* Trimen, 1868. Transactions of the Entomological Society of London 1868: 72 (69-96).

Type locality: “Perie Bush, Sogana and Boolo forests near the river Tsomo, in Kaffraria; Tunjumbili, Tugela frontier of Natal”; South Africa.

Papilio (Druryia) echerioides joiceyi Gabriel, 1945

Type locality: “S. Sudan, Opare Forest and Imatong Mts., 3-4000 ft”.

Synonyms: *Papilio zoroastres* ♀-f. *pallidochrea* Stoneham, 1944, TL: Western Kenya Colony, Mount Elgon.

Zaire, Kivu Province



1607. ♂, Zaire. Kivu prov., Lume. 15.07.2012. Ex coll. J.Jakush / Ex coll. Korolev V.A., № P01719.

***Papilio (Druryia) cynorta* Fabricius, 1793**

Original description: *Papilio cynorta* Fabricius, 1793; Ent. Syst. 3 (1): 37.

Papilio (Druryia) cynorta cynorta Fabricius, 1793

Type locality: not designated, «Uganda» (Larsen, 2005; Williams, 2013).

Uganda



1608. *Topotypus* ♂, Uganda, Kibate fst., 18.11.2006. Ex coll. Korolev V.A., № P00729.

Central African Republic:

1609. ♂, Centr. Afric. Republic, Bangui env., 21.11.2006. Ex coll. Korolev V.A., № P00730.

***Papilio (Druryia) zenobia* Fabricius, 1775**

Original description: *Papilio zenobia* Fabricius, 1775. Systema Entomologiae Flensburgi & Lipsiae: 503 (832 pp.).

Type locality: "Sierra Leon".

Central African Republic

1610. ♂, C.A.R., Bangui. 16.01.2009. / Ex coll. Korolev V.A., № P01152.

Cameroon

1611. ♂, Cameroon, Kribi vic., 5-10.11.2005. Ex coll. Korolev V.A. / Ex coll. Korolev V.A., № P01726.

Uganda



1612. ♂, Uganda, loc. Kabale, 13.04.1988. Ex coll. Korolev V.A., № P00720.



1610

1611

1613

1614

Zaire, Kivu Province

1613. ♂, Zaire (D.R.Congo), Prov. Kivu, Mamove, 1-7.03.2013. Ex coll. Korolev V.A. № P01711;

1614. ♂, Zaire, Kivu prov., Pateka. 26.06-5.07.2012. Ex coll. J.Jakush / Ex coll. Korolev V.A. № P01725.

Papilio (Druryia) zalmoxis Hewitson, 1864

Original description: *Papilio zalmoxis* Hewitson, 1864 *in* Hewitson, 1862-6. Illustrations of new species of exotic butterflies 3: [2] (124 pp.). London

Papilio (Druryia) zalmoxis zalmoxis Hewitson, 1864

Type locality: “Calabar” (Nigeria).

Central African Republic

1615. (Table XVII, 1615) ♂, Central African Republic, Bambari distr., 21.03.1997. Ex coll. Korolev V.A., № P00665;

1616. ♂, Central African Republik, Loc. Bangi, 15.11. 2010. Ex coll. Korolev V.A., № P00987.

Subgenus *Heraclides* Hübner, [1819]

Papilio (Heraclides) anchisiades Esper, 1788

Original description: *Papilio anchisiades* Esper, 1788; Die ausl. Schmett : 53, pl.13, f. 1-2.



1619

1621

1622

1623

Papilio (Heraclides) anchisiades anchisiades Esper, 1788

Type locality: [Surinam].

Peru

1617. ♂, N. Peru, San Martin Province, Juanjuy, 26.12.2001. Ex coll. Korolev V.A., № P01190;

1618. (Table XVII, 1618) ♂, Peru, Tingo Maria, May 2005. Ex coll. Korolev V.A., № P00846;

1619. ♂, Peru, Tingo Maria, 6.11.2006. Ex coll. Korolev V.A., № P00847;

1620. ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01922;

1621. ♀, N.-E. Peru. Amazonas Region, Rodriguez de Mendoza Province, 6.05.1998. Ex coll. Korolev V.A., № P01204.

Papilio (Heraclides) anchisiades idaeus (Fabricius, 1793)

Type locality: «Madras» (error), corrected TL: Peru?

Synonyms: *Papilio pandion* Bates, 1861; Trans. ent. Soc. Lond. (2) 5 (8): 338 (nom. nud.); *Papilio pandonius* Staudinger, 1894; Dt. Ent. Z. Iris 7 (1): 104 (repl. name), TL: Mexico.

N. Peru

1622. ♂, N. Peru, San Martin Province, Juanjuy, 26.12.2001. Ex coll. Korolev V.A., № P00846;

1623. ♂, N. Peru, San Martin Province, Juanjuy, 10.10.2000. Ex coll. Korolev V.A., № P01203.

Papilio (Heraclides) anchisiades capys (Hübner, [1809])

Type locality: “Ost-Bolivien, N.Argentinien, Paraguay, Brasilien”.

Argentina



1624. ♂, Argentina, Misiones, Puerto Libertad env., 25.908°S 54.551°W. 2-5.I.2013. K.Tomkovich leg./ Ex coll. Korolev V.A., № P01921.

Papilio (Heraclides) chiansiades (Westwood, 1872)

Original description: *Papilio chiansiades* Westwood, 1872; Trans. ent. Soc. Lond. 1872 (2) : 101, pl. 5, f. 4-5.

Papilio (Heraclides) chiansiades chiansiades (Westwood, 1872)

Type locality: “Rio Topo, Ecuador”.

Peru

1625. (Table XVII, 1625) ♂, Peru, Loreto, Momon river, 10-15.12.2008. Ex coll. Korolev V.A., № P00897;

1626. ♂, N. Peru, San Martin Province, Juanjuy, 17.06.2001. Ex coll. Korolev V.A., № P01227;

1627. ♂, N. Peru, San Martin Province, Juanjuy, 25.08.2002. Ex coll. Korolev V.A., № P01226;

1628. ♂, N. Peru, San Martin Province, Juanjuy, 14.02.2003. Ex coll. Korolev V.A., № P01228.

1629. ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01919;

1630. ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01920;



1626



1627



1628

***Papilio (Heraclides) isidorus* Doubleday, 1846**

Original description: *Papilio isidorus* Doubleday, 1846; Ann. Mag. nat. Hist. 18(121): 375.

***Papilio (Heraclides) isidorus isidorus* Doubleday, 1846**

Type locality: "Bolivia".

Bolivia



1631. ♂, Bolivia, Jurua river, 18.01.2008. Ex coll. Korolev V.A., № P01925.

Type locality: “Tingo Maria, Peru”.

Peru

1632. (Table XVII, 1632) *Topotypus* ♂, Peru, Tingo Maria, May 2005. Ex coll. Korolev V.A., № P00845;

1633. *Topotypus* ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01923;

1634. *Topotypus* ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01924.

Papilio (Heraclides) androgeus Cramer, 1776

Original description: *Papilio androgeus* Cramer, [1775]; Uitl. Kapellen **1** (1-7):24, pl. 16, f. C, D.



1635



1636

Papilio (Heraclides) androgeus androgeus Cramer, 1776

Type locality: “Surinam”.

Peru

1635. (Table XVII, 1635) ♂, Peru, Uanuko prov., Tingo Maria, 15.02.2006, ex coll. Korolev V.A., № P00553.

Papilio (Heraclides) androgeus epidaurus Godman & Salvin, [1890]

Type locality: “Mexico, Veracruz”.

Mexico

1636. *Topotypus* ♂, Mexico, Veracruz, Catemaco 650 m, 10-15.03.2012. Ex coll. Korolev V.A., № P01432;

1637. (Table XVII, 1637) *Topotypus* ♀, Mexico, Veracruz, Catemaco 650 m, 10-15.03.2012. Ex coll. Korolev V.A., № P01433.

Papilio (Heraclides) astyalus Godart, 1819

Original description: *Papilio astyalus* Godart, 1819; Encyclopédie Méthodique. 9(1): 62,

Papilio (Heraclides) astyalus astyalus Godart, 1819

Type locality: “Brésil”.

Argentina

1638. (Table XVII, 1638) ♂, Argentina, Dos de Mayo. Misiones. 15.10.2007. Ex coll. Korolev V.A., № P00703.



1638



1639

Papilio (Heraclides) astyalus phanais (Rothschild & Jordan, 1906)

Type locality: “Ecuador, Zamora”.

Synonyms: *lycophon* Hübner, 1823.

Peru

1639. ♂, Peru, Rio Tambo, 350 m., 7.09.2005, ex coll. Korolev V.A., № P00552.

Papilio (Heraclides) cresphontes Cramer, 1777

Original description: *Papilio cresphontes* Cramer, [1777]; Uitl. Kapellen 2 (9-16):106, pl. 165, f. A.

Type locality: not designated, probably - USA, New Jersey.

Synonyms: *Heraclides oxilus* Hübner, [1819]; Verz. bek. Schmett. (6): 83 (repl. name).

USA, Texas

1640. (Table XVII, 1640) ♀, *Papilio cresphontes*, / USA, Texas, Whitehouse, 20-25.07.2011. / Ex coll. Korolev V.A., № P01129.

Mexico

1641. (Table XVII, 1641) ♂, Mexico, Veracruz, Catemaco 650 m, 12.03.2012. Ex coll. Korolev V.A., № P01434;

1642. ♀, Mexico, Veracruz, Catemaco 650 m, 12.03.2012. Ex coll. Korolev V.A., № P01435.



1640

1641

1642

Papilio (Heraclides) hectorides Esper, 1794

Original description: *Papilio hectorides* Esper, 1794; Mag. Neu Ausl. Ins. 1: 8, pl. 1, f. 1.

Type locality: not designated ("East Indies"), probably: Surinam.

Synonyms: *Papilio argentus* Martyn, 1797, TL: Brazil; *Papilio torquatinus* Esper, 1799, TL: Surinam; *Papilio pandrosus* Godart, 1819, (preocc. Borkhausen, 1788), TL: "French Guiana", Brazil; *Papilio lysithous* Godart, 1819, TL: Brazil; *Menelaides chirodamas* Hübner, [1825]; *Papilio mezentius* Doubleday, 1844; *Papilio torquatinus* ab. *melania* Oberthür, 1879.

Argentina:

1643. (Table XVII, 1643) ♂, Argentina, Dos de Mayo. Misiones. 500 m, 22.10.2007. Ex coll. Korolev V.A., № P00705.

Papilio (Heraclides) thoas Linnaeus, 1771

Original description: *Papilio thoas* Linnaeus, 1771; Mantissa Plant. 2: 536.

Papilio (Heraclides) thoas cinyras Ménétriés, 1857

Type locality: "Bahia" (Brazil?).



1645



1646



1649

Peru

1644. (Table XVII, 1644) ♂, Peru, Uanuko prov., Tingo Maria, 10.1996, ex coll. Korolev V.A., № P00550;
 1645. ♂, Peru, [Uanuko prov.], loc. Tingo Maria, 16.09.2006, ex coll. Korolev V.A., № P00551;
 1646. ♂, N. Peru, San Martin Province, Juanjuy, 15.08.2003. Ex coll. Korolev V.A., № P01206;
 1647. ♂, N. Peru, San Martin Province, Juanjuy, 15.08.2003. Ex coll. Korolev V.A., № P01205;
 1648. ♂, N.-E. Peru. Amazonas Region, Rodriguez de Mendoza Province, 6.05.1998. Ex coll. Korolev V.A., № P01207.

***Papilio (Heraclides) thoas autocles* Rothschild & Jordan, 1906**

Type locality: “Mexico, Guerrero”.

Synonyms: f. *nigro-caudata* Vázquez, 1948; An. Inst. Biol. Mexico 19: 234, TL: Mexico, Chiapas; Veracruz; ab. *nigrimarginata* Beutelspacher, 1976, TL: Mexico, Veracruz; f. *ochracea* Beutelspacher, 1976; , TL: Mexico, Chiapas.

Mexico

1649. ♀, Mexico, Veracruz, Catemaco 650 m, 10-15.03.2012. Ex coll. Korolev V.A., № P01431;
 1650. ♂, Mexico, Veracruz, Catemaco 650 m, 10-15.03.2012. Ex coll. Korolev V.A., № P01430.

***Papilio (Heraclides) torquatus* Cramer, 1777**

Original description: *Papilio torquatus* Cramer, [1777]; Uitl. Kapellen 2 (9-16):123, pl. 177, f. A, B.

***Papilio (Heraclides) torquatus torquatus* Cramer, 1777**

Type locality: “Surinam”.

Peru

1651. (Table XVII, 1650) ♂, Peru, Tingo Maria, May 2005, ex coll. Korolev V.A., № P00549.

***Papilio (Heraclides) garleppi* Staudinger, 1892**

Original description: *Papilio garleppi* Staudinger, 1892; Dt. ent. Z. Iris 5 (2) : 427; TL: Bolivia.

Papilio (Heraclides) garleppi interruptus Staudinger, 1892

Type locality: Brazil, Amazonas; Peru.

Peru



1652. ♂, Peru, Huanuco, Tingo Maria, Huallaga riv., 10-20.03.2014. Ex coll. M.Miranda / Ex coll. Korolev V.A., № P01926.

Subgenus *Menelaides* Hübner, [1819]

***Papilio (Menelaides) bootes* Westwood, 1842**

Original description: *Papilio bootes* Westwood, 1842; Ann. Mag. nat. Hist. 9 : 36.

Papilio (Menelaides) bootes parcesquamata Rosen, 1929

Type locality: “Sylhet”, N. Myanmar.

China, Sichuan prov.

1653. (Table XVII, 1653) ♂, “*Papilio bootes*” / China, Sichuan, Jiulong 1200-2000 m, 4-10.05.2009. Ex coll. Korolev V.A., № P01310.

***Papilio (Menelaides) alcmenor* Felder & Felder, 1864**

Original description: *Papilio alcmenor* C. & R. Felder, [1864]; Reise Fregatte Novara, Bd 2 (Abth. 2) (1): 129, pl. 20, f. d.

Synonyms: *Papilio rhetenor* Westwood,1841, homonym; *Papilio icarius* Westwood,1848, homonym; *Papilio rhetenor turificator* Fruhstorfer,1909.

Papilio (Menelaides) alcmenor publilius (Fruhstorfer, 1909)

Type locality: «Lower Burna», S.Myanmar.

Thailand



1654. ♂, Thailand, Chaing Mai. 10-15.04.2006. Ex coll. Korolev V.A., № P00642.

Papilio (Menelaides) alcmenor nausithous Oberthür, 1918

Type locality: not designated (“Tibet”), corrected TL: Sichuan, China.

China, Sichuan prov.



1655. *Topotypus* ♂, China, Sichuan, Siao-Lou, 5.07.2011. Ex coll. Korolev V.A., № P01437.

***Papilio (Menelaides) ascalaphus* Boisduval, 1836**

Original description: *Papilio ascalaphus* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1 : 200.

Papilio (Menelaides) ascalaphus ascalaphus Boisduval, 1836

Type locality: «Ternate Is.» (error), corrected TL: Sulawesi, Indonesia.

Synonyms: *Papilio ascalaphus* ab. *nubiger* Fruhstorfer, 1899.

Indonesia, Sulawesi Is.

1656. (Table XVII, 1656) *Topotipus* ♂, Indonesia, Sulawesi, Palo, 02.2005. Ex coll. Korolev V.A., № P00641.

***Papilio (Menelaides) deiphobus* Linnaeus, 1758**

Original description: *Papilio deiphobus* Linnaeus, 1758; Syst. Nat. (Edn 10) 1 : 459,

Papilio (Menelaides) deiphobus deiphobus Linnaeus, 1758

Type locality: «Asia»; current TL: Indonesia. Remarks about the Type species of *P. deiphobus* see: Honey & Scoble 2001: 317.

Synonyms: *Papilio alcandor* Cramer, [1776]; Uitl. Kapellen 1 (1-7): 64, pl. 40, f. A, B; *Papilio deiphobus* ab. *hypoxanthus* Röber, 1891; Tijdschr. Ent.34: 275, TL: Key.

Indonesia, Ceram Is.

1657. (Table XVII, 1657) ♂, Indonesia, Ceram Isl., 10-15.03.2006. Ex coll. Korolev V.A., № P00645.



1658

1659

Indonesia, Ambon Is.

1658. ♂, Indonesia, Moluccas, Ambon Isl. 28.11.2009. Ex coll. Korolev V.A., № P01148.

Type locality: Ternate, Halmahera Is., Indonesia.

Indonesia, Halmahera Is.

1659. *Topotypus* ♂, Indonesia, Halmahera Isl., 15.09.2010. Ex coll. Korolev V.A., № P01033.

Papilio (Menelaides) forbesi Grose-Smith, 1883

Original description: *Papilio forbesi* Grose-Smith, 1883; Ent. mon. Mag. 19: 234.

Papilio (Menelaides) forbesi forbesi Grose-Smith, 1883

Type locality: “Sumatra” (by 1 Syntype ♂ in BMNH).

Indonesia, Sumatra Is.

1660. (Table XVII, 1660) *Topotypus* ♂, Indonesia, Sumatra, 15.02.2009. Ex coll. Korolev V.A., № P00948.

Papilio (Menelaides) aegaeus Donovan, 1805

Original description: *Papilio aegaeus* Donovan, 1805; Epitome nat. Hist. Ins. New Holland: pl. 14.

Papilio (Menelaides) aegaeus ormenus (Guérin-Ménéville, 1829)

Type locality: New Guinea (W.Irian, Papua New Guinea).

Synonyms: *Papilio amanga* Boisduval, 1832; *Papilio onesimus* Hewitson, 1858; *Papilio pandion* Wallace, 1865; *Papilio aegaeus ormenus* ♀-ab. *inornatus* Rothschild, 1895; Novit. Zool. 2 (3): 307 (TL: coast near Mt. Arfak); f. *seleucis* Jordan, 1909; in Seitz, Grossschm. Erde 9: 66; f. *leporina* Jordan, 1909; in Seitz, Grossschm. Erde 9: 67.



1661

1662

1663

1664

Indonesia, New Guinea Is.

1661. (Table XVII, 1661) *Topotypus* ♂, Papua New Guinea, Morobe Prov., Bulolo, 15.10.2000. Ex coll. Korolev V.A., № P00654;
1662. *Topotypus* ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A., № P01758;
1663. *Topotypus* ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A., № P01763;
1664. *Topotypus* ♂, Indonesia, W.Irian, Mt. Arfak, 14.10.2010. Ex coll. Korolev V.A., № P01366;



1665. *Topotypus* ♀, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A., № P01759.

Papilio (Menelaides) aegus keianus Rothschild, 1896

Type locality: "Kei Toal (Little Kei Island)", Indonesia.



1666. *Topotypus* ♂, "*Papilio aegus keianus*" ♂/ Indonesia Kei Is., 15.04.1999. Ex coll. Korolev V.A., № P01491.

Type locality: Biak Is., Indonesia.

Synonyms: f. *desdemona* Jordan, 1909; in Seitz, Grossschm. Erde 9: 66; f. *thuria* Jordan, 1909; in Seitz, Grossschm. Erde 9: 66; *Papilio othello* ♀ f. *obscurata* Joicey & Noakes, 1915.

Indonesia, Biak Is.



1667. *Topotypus* ♂, “*Papilio aegaeus othello* ♂” / Indonesia, Biak is., 05.2012. Ex coll. Korolev V.A., № P01702.

Papilio (Menelaides) albinus Wallace, 1865

Original description: *Papilio albinus* Wallace, 1865; Trans. Linn. Soc. Lond. 25 (1) : 49, pl. 5, f. 5.

Papilio (Menelaides) albinus albinus Wallace, 1865

Type locality: «Dutch New Guinea», West Irian, Indonesia.

Synonyms: *Papilio leucophanes* Grose-Smith, 1894; Novit. zool. 1(3): 584, TL: Humboldt Bay, New Guinea.

Indonesia, West Irian

1668. *Topotypus* ♂, Indonesia, W.Irian (West Papua), Arfak Mt., 13.11.2008. Ex coll. Korolev V.A., № P01254);

1669. *Topotypus* ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A., № P01754)

1670. *Topotypus* ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A., № P01755)

1671. *Topotypus* ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A., № P01756)

1672. *Topotypus* ♀, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A., № P01757);

1673. *Topotypus* ♀, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A., № P01862.



1674. *Topotypus* ♂, Indonesia, W.Irian (New Guinea isl.), 12.09.2006. Ex coll. Korolev V.A., № P00649.



1670



1671



1672

***Papilio (Menelaides) tydeus* Felder & Felder, 1860**

Original description: *Papilio tydeus* C. & R. Felder, 1860; Wien. ent. Monats. 4 (8): 229.

Papilio (Menelaides) tydeus obiensis Rothschild, 1898

Type locality: "Obi is.", Indonesia.

Indonesia, Obi Is.



1675. (Table XVII, 1675) *Topotypus* ♂, "*Papilio tydeus obiana*" ♂/ Indonesia, Obi Is., 10.07.1998.
Ex coll. Korolev V.A., № P01492.

***Papilio (Menelaides) ambrax* Boisduval, 1832**

Original description: *Papilio ambrax* Boisduval, 1832; in d'Urville, Voy. Astrolabe (Faune ent. Pacif.) 1 : 40.

Papilio (Menelaides) ambrax ambrax Boisduval, 1832

Type locality: West Irian, Indonesia.

Indonesia, West Irian



1676. *Topotypus* ♂, Indonesia, W.Irian, (New Guinea), 15.03.2006. Ex coll. Korolev V.A., № P00651.

Papilio (Menelaides) ambrax ambrax f. *lutosa* Fruhstorfer, 1909

Type locality: "Holl.-Neu-Guinea", West Irian, Indonesia.

Indonesia, West Irian

1677. (Table XVII, 1677) ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013. Ex coll. Korolev V.A., № P01764.

Papilio (Menelaides) antonio Hewitson, 1875

Original description: *Papilio antonio* Hewitson, [1875]; Ill. exot. Butts 5 (94): pl. 14, f. 46.

Type locality: S. Philippines.

Philippines, Mindanao Is.

1678. ♂, Philippines, Mindanao Isl., 10-15.07.2007. Ex coll. Korolev V.A., № P00901.



1678

1679

Papilio (Menelaides) fuscus Goeze, 1779

Original description: *Papilio fuscus* Goeze, 1779; Ent. Beiträge 3 (1): 87.

Papilio (Menelaides) fuscus fuscus Goeze, 1779

Type locality: Ambon Is.?, Indonesia.

Synonyms: *Papilio canopus sumbanus* Rothschild, 1896; Novit. Zool. 3 (2) : 231, TL: Patadala, Sumba; *Papilio capaneus* f. *yorkeanus* Fruhstorfer, 1899; Berl. ent. Zs.44 (1/2) : 60, TL: Cape York; ?*Papilio yorkiana* Fruhstorfer, 1900; *Papilio fuscus offakus* Fruhstorfer, 1904; Ent. Zs. 18 (12) : 45, TL: Waigiu.

Indonesia, Ceram Is.:

1679. ♂, Indonesia, Seram is., 14.10.2011. Ex coll. Korolev V.A., № P01365.

Papilio (Menelaides) fuscus heringi Niepelt, 1924

Type locality: "Halmahaera", Halmahera Is., Indonesia.

Indonesia, Halmahera Is.

1680. *Topotypos* ♂, Indonesia, Halmahera, 15-20.02.2006. Ex coll. Korolev V.A., № P00650.



1680

1681

1682

1684

Papilio (Menelaides) fuscus indicatus (Butler, 1876)

Type locality: "Port Moresby, New Guinea", Papua New Guinea.

Papua New Guinea

1681. ♂, Papua New Guinea, Bulolo, Morobe Prov., 5-10.02.2005. Ex coll. Korolev V.A., № P00647.

Papilio (Menelaides) fuscus beccarii (Oberthür, 1879)

Type locality: "Dorey", West Irian.

Synonyms: *Papilio beccarii* Oberthür, 1880; Ann. Mus. Stor. nat. Genova 15: 461, pl. 3, f. 1, TL: Waigeu, Andai.

Indonesia, West Irian

1682. ♂, Indonesia, W.Irian, (New Guinea), 14.03.2005. Ex coll. Korolev V.A., № P00648;

Papilio (Menelaides) fuscus lapathus Fruhstorfer, 1904

Type locality: "Batjan", Bachan Is., Indonesia.

Indonesia, Halmahera Is.

1683. ♂, Indonesia, Halmahera Isl., loc. Galela. 17.11.1990. Ex coll. Korolev V.A., № P01259;

1684. ♂, "*Papilio fuscus lapathus* ♂" / Indonesia, N. Halmahera, Mt. Gamkonora, 04.2013. Ex coll. Korolev V.A., № P01701.

Papilio (Menelaides) fuscus pertinax Wallace, 1865

Type locality: “Celebes”, Sulawesi Is., Indonesia.

Indonesia, Sulawesi Is.

1685. ♂, Indonesia, C.Sulawesi Province, loc. Luwuk. 15.10.2008. Ex coll. Korolev V.A., № P01256;

1686. ♂, Indonesia, S. Sulawesi, Bantimurung. 23.11.2009. Ex coll. Korolev V.A., № P01266.

Papilio (Menelaides) fuscus xenophilus Mathew, 1886

Type locality: Ugi, Solomon Is.

Solomons Isl.



1687. ♀, Solomons, Santa Isabel Is., 25.11.[20]10. Ex coll. Tuzov V.K. / Ex coll. Korolev V.A., № P01861.

Papilio (Menelaides) diophantus Grose-Smith, 1882

Original description: *Papilio diophantus* Grose-Smith, 1883; Ent. mon. Mag. 19: 234.

Papilio (Menelaides) diophantus diophantus Grose-Smith, 1882

Type locality: “Sumatra”, Indonesia.

Indonesia, Sumatra Is.

1688. *Topotypus* ♂, Indonesia, Sumatra, M.I.Bempo. 14.06.2006. Ex coll. Korolev V.A., № P01257.

Papilio (Menelaides) castor Westwood, 1842

Original description: *Papilio castor* Westwood, 1842; Ann. Mag. nat. Hist. 9:

Type locality: «Sylhet», Bangladesh.

India

1689. ♂, N.E.India, Bihar . 18.02.2010. Ex coll. Korolev V.A., № P01032.



1688

1689

Papilio (Menelaides) castor formosanus Rothschild, 1896

Type locality: «North Formosa, hills near Kelung, 500 to 1500 feet», N.Taiwan.

Taiwan Is.



1690. ♂, C.Taiwan, Nantou, Puli, 16.08.2010. Ex coll. Korolev V.A., № P01015.

Papilio (Menelaides) euchenor Guérin-Ménéville, 1829

Original description: *Papilio euchenor* Guérin-Ménéville, 1829; Voyage Coquille, 2 (2) : pl. 13, f.3.

Type locality: on one of the labels of the two Syntypes deposited in the Paris Museum, designated as «Offak», on the other - «Warou / Amboine», ie Waru located on Seram Is. and Ambon Is., located to the west of New Guinea (West Irian); current TL: W.Irian.

Synonyms: *Papilio axion* Boisduval, 1832; in d'Urville, Voy. Astrolabe (Faune ent. Pacif.) 1 : 41, TL: New Guinea; *Papilio euchenor scribonius* Fruhstorfer, 1909; Ent. Zs. 22 (43):177, TL: Waigiü; *Papilio euchenor hippotas* Fruhstorfer, 1909; Ent. Zs. 22 (43): 178, TL: New Guinea.

Indonesia, West Irian

1691. (Table XVII, 1691) ♂, Indonesia, West Irian Isl., 5-10.03.2009. Ex coll. Korolev V.A., № P00895;

1692. ♂, Indonesia, W.Irian (West Papua), loc. Timika, 15.09.2002. Ex coll. Korolev V.A., № P01249;

1693. ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013.Ex coll. Korolev V.A., № P01761;

1694. ♂, Indonesia, W.Irian, Mt. Arfak. 10-15.05.2013.Ex coll. Korolev V.A., № P01762.



1692



1693



1695

Papilio (Menelaides) euchenor lasos Fruhstorfer, 1903

Type locality: "Milne-Bai, Britisch-Neu-Guinea", Papua New Guinea.

Papua New Guinea

1695. *Topotypus* ♂, Indonesia, W.Irian (sic!), Milne Bai. 12.05.2012. Ex coll. Korolev V.A., № P01760).

***Papilio (Menelaides) gambrisius* Cramer, 1777**

Original description: *Papilio gambrisius* Cramer, [1777]; Uitl. Kapellen 2 (9-16): 95, pl. 157, f. A, B.

***Papilio (Menelaides) gambrisius gambrisius* (Cramer, 1777)**

Type locality: "Zy worden in Amboina gevonden. [...] On les trouve à Amboine", Ambon Is., Indonesia.

Indonesia, Ceram Is.

1696. ♂, Indonesia, Ceram Isl., Varu, 5-10.10.2005. Ex coll. Korolev V.A., № P00652;

1697. ♂, Indonesia, Seram Isl. 17.03.2011. / Ex coll. Korolev V.A., № P01031.



1696

1697

1698

***Papilio (Menelaides) gambrisius buruanus* Rothschild, 1897**

Type locality: "Tifu Bay, Buru", Indonesia.

Indonesia, Buru Is.

1698. *Topotypus* ♂, "*Papilio gambrisius buruanus* ♂" / Indonesia, Buru Isl., 07.2013. Ex coll. Korolev V.A., № P01698.

***Papilio (Menelaides) woodfordi* Godman & Salvin, 1888**

Original description: *Papilio woodfordi* Godman & Salvin, 1888; Ann. Mag. nat. Hist. (6) 1 (2): 100.

***Papilio (Menelaides) woodfordi woodfordi* Godman & Salvin, 1888**

Type locality: "...Alu & Fauro...", Solomon Islands.

Papua New Guinea, Solomon Isl.



1699. ♀, Papua New Guinea, Nort Solomons Prov., South Bougainville, Buin, 28.11.2006. Ex coll. Korolev v V.A., № P00653.

Papilio (Menelaides) canopus Westwood, 1842

Original description: *Papilio canopus* Westwood, 1842; Ann. Mag. nat. Hist. 9: 38.

Papilio (Menelaides) canopus canopinus Rothschild, 1895

Type locality: “Moa Island”, Indonesia.

Indonesia, Maluku Isl., Leti Is.



1700. ♂, Indonesia, Leti Isl., Maluku Islands, 15.11.2000. Ex coll. Korolev V.A., № P01251.

Type locality: "Bali Is.", Indonesia.

Indonesia, Bali Is.



1701. *Topotypus* ♂, "*Papilio canopus buisi* ♂" / Indonesia, W. Bali, 10.2006. Ex coll. Korolev V.A., № P01695.

***Papilio (Menelaides) demolion* Cramer, 1779**

Original description: *Papilio demolion* Cramer, [1776]; Uitl. Kapellen 1 (8): 140, pl. 89, f. A, B.

***Papilio (Menelaides) demolion demolion* Cramer, 1779**

Type locality: "op het Eiland Java, by Batavia. [...] dans l' Ile de Java, près de Batavia.", Indonesia.

Indonesia, Java Is.

1702. (Table XVII, 1702) *Topotypus* ♂, Indonesia, E. Java, Mt. Argopuro, h = 800-1300 m, 8-15.10.2011. Ex coll. Korolev V.A., № P01392.

Indonesia, Nias Is.

1703. *Topotypus* ♂, Indonesia, Nias Isl., western coast of Sumatra. 15.09.1993. Ex coll. Korolev V.A., № P01286.

Thailand

1704. ♂, Thailand, Chaing Mai, 16.04.2006. Ex coll. Korolev V.A., № P00657.



1702



1704

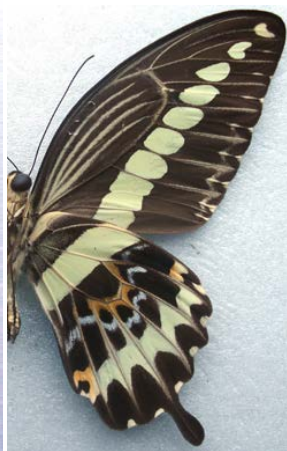
***Papilio (Menelaides) gigon* Felder & Felder, 1864**

Original description: *Papilio gigon* C. & R. Felder, 1864; Verh. zool.-bot. Ges. Wien 14 (3): 318, 366.

***Papilio (Menelaides) gigon gigon* Felder & Felder, 1864**

Type locality: "Celebes", Sulawesi Is., Indonesia.

Indonesia, Sulawesi Is.



1705. *Topotipus* ♂, Indonesia, Sulawesi Isl., 16.10.2004, ex coll. Korolev V.A., № P00542;

1706. *Topotipus* ♂, Indonesia, Sulawesi Isl., 1-10.03.2009. Ex coll. Korolev V.A., № P00887;
1707. *Topotipus* ♂, Indonesia, S. Sulawesi, Bantimurung, 24.12.2005. Ex coll. Korolev V.A., № P01264;
1708. *Topotipus* ♀, Indonesia, Sulawesi Isl., 10-16.02.2009. Ex coll. Korolev V.A., № P00888.

Papilio (Menelaides) helenus Linnaeus, 1758

Original description: *Papilio (Eques) helenus* Linnaeus, 1758; Syst. Nat. (Edn. 10) 1: 459,

Papilio (Menelaides) helenus helenus Linnaeus, 1758

Type locality: «Asia» (1758); “India Orientali” (1764); corrected TL: Canton, China.

China

1709. (Table XVIII, 1709) *Topotipus* ♂, SE China, Guanchzhou prov., loc. Kanton, 09.2002, ex coll. Korolev V.A., № P00631;
1710. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01885
1711. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01886;
1712. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01901;
1713. ♂, South China, Yunnan Prov., Wenshan vic., 1-10.06.2014. Ex coll. Korolev V.A., № P01979.

India

1714. ♂, India, Bihar, 14.02.2010. Ex coll. Korolev V.A., № P01013.

Myanmar (Burma)

1715. ♂, E. Myanmar (Burma), Chengtun loc., 5.06.2011. Ex coll. Korolev V.A., № P01742.

Thailand

1716. ♂, Thailand, Chaing Mai, 1-10.06.1995. Ex coll. Korolev V.A., № P00632;
1717. ♂, North. Thailand, Chiang Mai. 11-14.05.2014. Ex coll. Korolev V.A., № P01863;
1718. ♂, Thailand, Yala loc., 10-15.10.2011. Ex coll. Korolev V.A., № P01493;
1719. ♂, Thailand, Yala loc., 10-15.10.2011. Ex coll. Korolev V.A., № P01494.

Vietnam

1720. ♂, N Vietnam, Tam Dao National Park. 1-10.06.2013. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A., № P01740;
1721. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 10-15.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01978.

Laos

1722. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A., № P01741.



1714



1715



1718



1720



1722



1723



1725



1727



1729



1731



1732



1733

Malaysia

1723. ♂, Malaysia, Tajping, 20.04.2007. Ex coll. Korolev V.A., № P00761;
1724. ♂, W. Malaysia, Cameron Highlands. 10-15.03.2011. Ex coll. Korolev V.A., № P01449;
1725. ♂, W. Malaysia, Cameron Highlands / 15.10.2011. Ex coll. Korolev V.A., № P01495;
1726. ♂, W. Malaysia, Cameron Highlands / 15.10.2011. Ex coll. Korolev V.A., № P01496;
1727. ♀, W. Malaysia, Cameron Highlands. 10-15.03.2011. Ex coll. Korolev V.A., № P01450.

Papilio (Menelaides) helenus nicconicolens Butler, 1881

Type locality: "Nikko", Japan.

Japan

1728. ♂, "*Papilio helenus nicconicolens* ♂ ' / 01, August 2012 / Akasaki, Naze, Amami City, Kagoshima Pref., JAPAN / leg. Haruo Mizutani / Ex coll. Korolev V.A., № P01955;

Papilio (Menelaides) helenus fortuneus Fruhstorfer, 1908

Type locality: Centr. Taiwan.

Taiwan Is.

1729. *Topotypus* ♂, C.Taiwan, Nanton, Puli. 15.08.2010. Ex coll. Korolev V.A., № P01146;
1730. *Topotypus* ♂, "*Papilio helenus fortuneus*" / C.Taiwan, Nantou, Puli. 10-15.08.2010. Ex coll. Korolev V.A., № P01464.

Papilio (Menelaides) helenus enganius Doherty, 1891

Type locality: "...Engano...", Engano Is. to SW from Sumatra, Indonesia.

Indonesia, Sumatra Is.

1731. ♂, W.Sumatra, Talang. 02.1992. Ex coll. Korolev V.A., № P00633;
1732. ♂, Indonesia, West. Sumatra, Mt. Sanggul. 14.04.2007, Ex coll. Korolev V.A., № P01265.

Papilio (Menelaides) helenus palawanicus (Staudinger, 1888)

Type locality: „Insel Palawan [...] bei Puerto Princesa, einer spanischen Verbrecher Kolonie [...] etwa unter dem 10. Grad nördlicher Breite und etwa unter dem 119. Längengrad“; Philippines.

Philippines, Palawan Is.

1733. *Topotypus* ♂, Philippines, Palawan Isl., 10-15.03.2006. Ex coll. Korolev V.A., № P00634.

Papilio (Menelaides) hipponous Felder & Felder, 1862

Original description: *Papilio hipponous* C. & R. Felder, 1862; Wien. ent. Monats. 6 (9): 283.

Papilio (Menelaides) hipponous daku Page & Treadaway, 2003

Type locality: "Nr Boac, Marinduque, Mindoro", Philippines.

Philippines, Marinduque Is.



1734. *Topotypus* ♂, Philippines, (Luzon), Marinduque. 6.11.2006. Ex coll. Korolev V.A., № P00721.

Papilio (Menelaides) hystaspes Felder & Felder, 1862

Original description: Wien. ent. Monats. 6 (9): 283.

Type locality: "Luzon", Philippines.

Philippines, Mindanao Is..



1735. *Topotypus* ♂, Philippines, Mindanao Isl., 1-5.03.2006. Ex coll. Korolev V.A., № P00635.

Papilio (Menelaides) iswara White, 1842

Original description: *Papilio iswara* White, 1842; Entomologist 1: 280.

Papilio (Menelaides) iswara iswara White, 1842

Type locality: "Penang", Malaysia.

Malaysia

1736. ♂, Malaysia, loc. Malacca, 12.03.2005. Ex coll. Korolev V.A., № P00637.



1736

1737

Papilio (Menelaides) iswaroides Fruhstorfer, 1897

Original description: *Papilio helenus iswaroides* Fruhstorfer, 1898; Berl. Ent. Zs. 42 (3/4): 304.

Papilio (Menelaides) iswaroides iswaroides Fruhstorfer, 1897

Type locality: "Sumatra [...] in den Battakbergen", Mt. Battak, Sumatra Is., Indonesia.

Indonesia, Sumatra Is.:

1737. ♂, Indonesia, W.Sumatra, Kavo High Land, Mt. Sibutan, 25.01.2008. Ex coll. Korolev V.A., № P01258.

Papilio (Menelaides) lowii Druce, 1873

Original description: *Papilio* sp. *lowii* Druce, 1873. Proc. zool. Soc. Lond. 1873 (2) : 358, pl. 33, f. 6.

Note: The status of this taxon is not clear: some authors considered *lowii* as a separate species, but others – as a ssp. *memnon* (see: Page & Treadaway, 2003).

Papilio (Menelaides) lowii lowii Druce, 1873

Type locality: «Celebes» (error); corrected TL: «Malaysia».

Philippines, Palawan Is.

1738. (Table XVIII, 1738) ♂, Philippines, Palawan Isl., 10.02.2008. Ex coll. Korolev V.A., № P00770;
 1739. f. ♀ *suffusus* (Lathy, 1899), Philippines, Palawan Isl., 16.02.2008. Ex coll. Korolev V.A., № P00771;
 1740. (Table XVIII, 1740) f. ♀ *suffusus* (Lathy, 1899), Philippines, Palawan Isl., 14.02.2009. Ex coll. Korolev V.A., № P00968;
 1741. f. ♀ *zephyria*, Philippines, Palawan Isl., 15.02.2009. Ex coll. Korolev V.A., № P00969;



1741



1741



1742

Philippines, Marinduque Is.

1742. f. ♀ *luzviae*, "*Papilio lowi zephyria*" / Philippines Marinduque is. 10-15.10.2011. Ex coll. Korolev V.A., № P01466.

***Papilio (Menelaides) memnon* Linnaeus, 1758**

Original description: *Papilio memnon* Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 460.

***Papilio (Menelaides) memnon memnon* Linnaeus, 1758**

Type locality: TM originally was designated by C.Linnaeus as "Asia". In 1764, C. Linnaeus trying to clarify for this taxon brought new, but erroneous TL as "Luzon" (Philippines). In 1767, C. Linnaeus again changed TL on "China" that he had received new butterfly from China corresponded to old. However, it also was a mistake that later noted Rothschild (1895: 312), and then Corbett (1949: 186). Last TL considered this type of Java Island, which was supported by Tsukada and Nishiyama (in Tsukada 1982: 357). On this basis, Honey & Scoble (2001: 348) designated lectotype stored in the coll. Linnaeus Society in London - 1 ♂ "12 *Memnon*" [by Linnaeus], "*Memnon* 747" [by Smith] labelled "*Deiphobus* [beta]" [by Aurivillius].

Synonyms: *memnoides* Fruhstorfer, 1903 (TL: Borneo);



1746



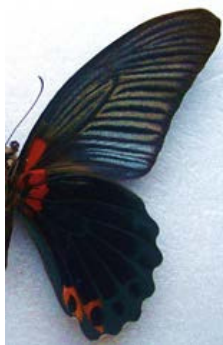
1747



1748



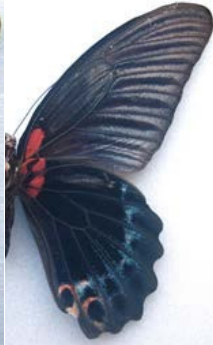
1750



1751



1756



1757

Indonesia, Java Is.

1743. (Table XVIII, 1743) *Topotypus* ♂, Indonesia, E. Java, Mt. Argopuro, h = 800-1300 m, 8-15.10.2011. Ex coll. Korolev V.A., № P01384;

1744. *Topotypus* ♂, Indonesia, E. Java, Mt. Argopuro, h = 800-1300 m, 8-15.10.2011. Ex coll. Korolev V.A., № P01385;

1745. *Topotypus* ♂, Indonesia, E. Java, Mt. Argopuro, h = 800-1300 m, 8-15.10.2011. Ex coll. Korolev V.A., № P01386.

Indonesia, Bali Is.

1746. ♂, Indonesia, Bali Isl., 1-10.03.2005. Ex coll. Korolev V.A., № P00638;

1747. ♀, Indonesia, Bali Isl., 10-15.03.2005. Ex coll. Korolev V.A., № P00639;

1748. (Table XVIII, 1748) *Forma* ♀, Indonesia, Baliivtce? (Bali Isl.), 25.05.1994. Ex coll. Korolev V.A., № P01247;

1749. *Forma* ♀, Indonesia, Bali isl., 18.02.2010. Ex coll. Korolev V.A., № P01035.

Papilio (Menelaides) memnon (Linnaeus, 1758) ssp. ?

Indonesia, Ceram Is.:

1750. ♂ “*Papilio memnon* ♂” / Indonesia, W. Seram. 07.2013. Ex coll. Korolev V.A., № P01704.

Papilio (Menelaides) memnon agenor (Linnaeus, 1758)

Type locality: “Asia” (error); corrected TL: Canton, China.

Synonyms: *androgeos* Cramer, [1776]; *alcanor* Cramer, [1777]; *protenor* Esper, 1792; *androgeus* de Nicéville, 1881; *phoenix* Distant, 1885; *cilix* Distant, 1885.

Thailand

1751. (Table XVIII, 1751) ♂, Thailand, Wang Chin, 15.03.2008. Ex coll. Korolev V.A., № P00942;

1752. ♂, North. Thailand, Chiang Mai. 11-14.05.2014. Ex coll. Korolev V.A., № P01865.

Laos

1753. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. Korolev V.A., № P01866.

Vietnam

1754. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 15-20.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01999;

1755. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 15-20.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P02000.

Papilio (Menelaides) memnon anceus (Cramer, 1782)

Type locality: W. Sumatra, Indonesia..

Indonesia, Sumatra Is.

1756. (Table XVIII, 1756) ♂, Indonesia, Sumatra. 18.02.1997. Ex coll. Korolev V.A., № P00640.

Papilio (Menelaides) memnon heronus Fruhstorfer, 1902

Type locality: “Formosa”, Taiwan Is.

Taiwan Is.

1757. (Table XVIII, 1757) *Topotypus* ♂, “*Papilio memnon heronus*” / C.Taiwan, Nantou, Puli. 10-15.08.2010. Ex coll. Korolev V.A., № P01467.

Papilio (Menelaides) nephelus Boisduval, 1836

Original description: *Papilio nephelus* Boisduval, 1836; Hist. nat. Ins., Spec. gén. Lépid. 1: 210.

Papilio (Menelaides) nephelus chaon Westwood, 1845

Type locality: Assam, India.

China, Guangxi prov.

1758. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01882
1759. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01883
1760. **Aberration** ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01884.



1758

1760

1762

1764

Vietnam

1761. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 10-15.06.2014. Le Xuan Xung leg. / Ex coll. V.A.Korolev, № P01980.

Laos

1762. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. V.A.Korolev, № P01903;
1763. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. V.A.Korolev, № P01904.

Thailand

1764. ♂, Thailand, Omphang Tak, 10.05.2013. Ex coll. Korolev V.A., № P01864.

Papilio (Menelaides) nephelus chaonididis Niepelt, 1914

Type locality: "japanisch [...] wohl Formosa", Taiwan Is.

Taiwan Is.

1765. (Table XVIII, 1765) **Topotypus** ♀, "*Papilio nephelus chaonulus*" / C.Taiwan, Nantou, Puli. 10-15.08.2010. Ex coll. Korolev V.A., № P01465;
1766. **Topotypus** ♂, C.Taiwan, Nantou, Puli, 11.08.2010. Ex coll. Korolev V.A., № P01014.



1766

1768

Papilio (Menelaides) nephelus sunatus Corbet, 1940

Type locality: Malaysia.

Synonyms: *Papilio saturnus* Guérin-Ménéville, 1840; Rev. zool. (Soc. Cuvier) 3 (2): 43 (preocc.), TL: "Côte Malaye"; *Papilio neptunus* Guérin-Ménéville, 1843; in Delessert, Souvenirs Voy. Inde 2: pl. 18 (preocc.).

Malaysia

1767. ♀, Malaysia, loc. Pinang, 10-20.03.2005. Ex coll. Korolev V.A., № P00676;

1768. ♂, S. Malaysia, loc. Singapore, 16.03.2007. Ex coll. Korolev V.A., № P00675.

Papilio (Menelaides) nephelus albolineatus Forbes, 1885

Type locality: "Borneo", Indonesia.

Synonyms: *Papilio nephelus saturnus* ♀-ab. *albolineatus*; Rothschild, 1895, Novit. Zool. 2 (3): 291.

Indonesia, Borneo Is.

1769. ♂, Indonesia, Borneo Isl., Pontianak, 15.11.2000. Ex coll. Korolev V.A., № P01252.

Papilio (Menelaides) sataspes Felder & Felder, 1864

Original description: *Papilio sataspes* C. & R. Felder, 1865; Reise Fregatte Novara, Bd 2 (Abth. 2) (1): 106, pl. 15, f. E.

Papilio (Menelaides) sataspes sataspes Felder & Felder, 1864

Type locality: "Celebes", Sulawesi Is., Indonesia.

Indonesia, Sulawesi Is.

1770. ♂, Indonesia, Centr. Sulawesi, Palu, Ranaromba, 24.10.2008. Ex coll. Korolev V.A., № P01255;

1771. (Table XIX, 1771) ♀, Indonesia, Sulawesi Isl., 10-12.02.2009. Ex coll. Korolev V.A., № P00894;

1772. ♂, Indonesia, Sulawesi, 5-10.02.2005. Ex coll. Korolev V.A., № P00636;



1769

1772

Papilio (Menelaides) thaiwanus Rothschild, 1898

Original description: *Papilio protenor thaiwanus* Rothschild, 1898; Novit. Zool. 5 (3): 602.

Type locality: "Formosa", Taiwan Is.

Taiwan Is.

1773. (Table XIX, 1773) *Topotypus* ♂, C.Taiwan, Nantou, Puli, 12.08.2010. Ex coll. Korolev V.A., № P01018.

Papilio (Menelaides) oenomaus Godart, 1879

Original description: *Papilio oenomaus* Godart, 1819; Encyclopédie Méthodique 9 (1): 72

Type locality: Timor Is.

Timor Is.

1774. (Table XVIII, 1774) ♂, Timor isl., Timor. 17.11.2010. Ex coll. Korolev V.A., № P01036;

Papilio (Menelaides) polymnestor Cramer, 1775

Original description: *Papilio polymnestor* Cramer, [1775]; Uitl. Kapellen 1 (1-7): 83.

Papilio (Menelaides) polymnestor polymnestor Cramer, 1775

Type locality: [Cochin], Kerala, India.

1775. (Table XVIII, 1775) ♂, India, W.Bengal, 3.10.2003. Ex coll. Korolev V.A., № P00655;
 1776. *Topotypus* ♂, India, Keral [State], 15.03.2010. Ex coll. Korolev V.A., № P01147.

Papilio (Menelaides) polytes Linnaeus, 1758

Original description: *Papilio polytes* Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 460

Papilio (Menelaides) polytes polytes Linnaeus, 1758

Type locality: "Asia" (error); corrected TL: S.China (Canton?).

Note: According to Haeuser C.L., Holstein J. & Steiner A. (2005): "Type M.L.U." (Corbet, 1941: 13). "MLU: [...] 1 ♀ [of *f. polytes* Linnaeus] unlabelled, pinned upside-down, [drawer labelled] "*Polytes* [greek beta], Mus. Gust. Adolph." [by Thunberg], "*Papilio Polytes* f. *Stichius* Hübn., sec. Auriv." [by Aurivillius], "Uppsala Univ. Zool. Mus., Linnésamlingen nr. 1890, *Papilio polytes*", (treated by Wallin [1984: 32] as "*polytes* [greek beta] = f. *stichius* Hübner ♀", and attributed as such to Aurivillius [incorrectly]), on a small but strongly ridged pin, here designated as LECTOTYPE." (Honey & Scoble 2001: 370-371).

Synonyms: *Papilio walkeri* Janson, 1879; Cistula ent. 2 (21) : 433, pl. 8, f. 2; TL: S.India; *Papilio depicta* Fruhstorfer, 1908; Ent. Wochenbl. 25 (9): 38; *Papilio ocha* Fruhstorfer, 1908; Ent. Wochenbl. 25 (9): 38; *Papilio polytes passienus* Fruhstorfer, 1909; Ent. Zs. 22 (43): 178, TL: S.Celebes; *Papilio polytes falcidius* Fruhstorfer, 1909; Ent. Zs. 22 (43): 178, TL: Bangkok; ?*Papilio polytes*(?) *nicomachus* Fruhstorfer, 1909; Ent. Zs. 22 (43): 178, TL: Buru; *Papilio polytes* ab. *chrysos* Boulet & Le Cerf, 1912; Bull. Soc. ent. Fr. 1912 (11) :247, TL: Pnom-Penh, Cambodia; *Papilio* ab. *inaequalis* Murayama, 1958; New Ent. 7 (1): 27, TL: Formosa; *Papilio* ab. *nubes* Murayama, 1958; New Ent. 7 (1): 27, TL: Formosa; *Papilio abdulaszia* Tung, 1982; Tokurana (4): 58; *Papilio astyanax* Fabricius, 1793; Ent. Syst. 3 (1): 13 (preocc.); *Papilio hector* de Haan, 1840; Verh. Nat. Gesch. Ned. Overz. Bez. (Zool.): 39 (preocc.); *Papilio chalcas* Fabricius, 1938; in Bryk, Systema Glossatorum: 24. (preocc.); *Papilio polytes* ♂-ab. *magicus* Murayama, 1959; Tyô to Ga 10 (4): 67, f. 6, 9, TL: Koshun, Formosa.

Indonesia, Sumatra Is.



1777. ♂, W.Sumatra, Merapi. 14.03.1992. Ex coll. Korolev V.A., № P00724;



1781



1782



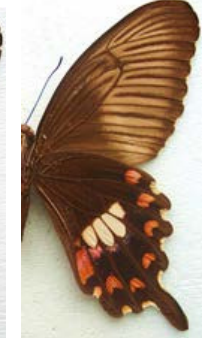
1783



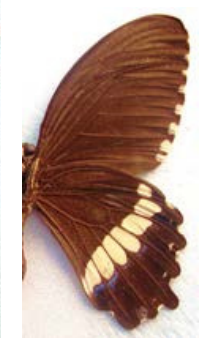
1784



1779



1780



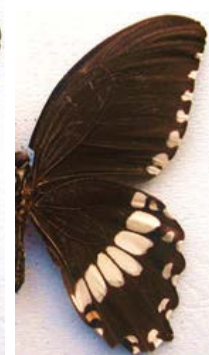
1785



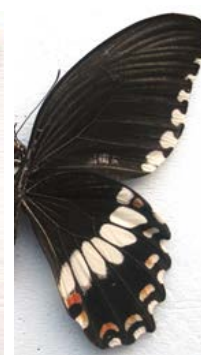
1786



1787



1788



1790



1792

Type locality: Java Is..

Indonesia, Java Is.

1778. ♂, "*Papilio polytes javanus* ♂" / Indonesia, Bali Is.; 15.01.2005. Ex coll. Korolev V.A., № P01705.

Indonesia, Kangean Is.

Note: taxon "*kangeana*" is erroneous and considering as a synonym of ssp. *javanus*.

1779. ♂, "*Graphium polytes kangeana*" / Indonesia, Kangean Is., 15.01.2000. Ex coll. Korolev V.A., № P01501;

1780. ♀, "*Graphium polytes kangeana*" / Indonesia, Kangean Is, 15.01.2000. Ex coll. Korolev V.A., № P01502.

Papilio (Menelaides) polytes alcindor Oberthür, 1879

Type locality: "Celebes", Sulawesi Is.

Indonesia, Sulawesi Is.

1781. ♂, Indonesia, Sulawesi Isl., 20.03.2010. Ex coll. Korolev V.A., № P00973;

1782. ♀, Indonesia, Sulawesi Isl., 20.03.2010. Ex coll. Korolev V.A., № P00985.

Papilio (Menelaides) polytes messius Fruhstorfer, 1909

Type locality: "Lombok [...] Sumbawa, Sumba, Tana-Djampea, Bonerate, Alor", Indonesia.

Indonesia, Lombok Is.

1783. *Topotypus* ♂, Indonesia, Lombok Isl., loc. Mataram, 15.11.1991. Ex coll. Korolev V.A., № P01260.

Papilio (Menelaides) polytes sotira Jordan, 1909

Type locality: Sumbawa Is., Indonesia.

Note: Interrelation with ssp. *messius* not clearly.

Indonesia, Sumbawa Is.

1784. *Topotypus* ♂, Indonesia, Sumbawa isl., loc. Dompu. 24.11.1990. Ex coll. Korolev V.A., № P01261.

Papilio (Menelaides) polytes timorensis C. & R. Felder, 1864

Type locality: Timor Is.

Indonesia, Maluku, Moa Is.

1785. ♂, Indonesia, Moa isl., (Maluku islands) loc. Kubin, 22.04.2005. Ex coll. Korolev V.A., № P01262.

Type locality: Buru Is.

Indonesia, Maluku, Seram Is.

1786. ♂, Indonesia, Seram (Ceram) isl., Maluku islands, 23.01.2006. Ex coll. Korolev V.A., № P01263.

Papilio (Menelaides) polytes ledebourina Eschscholtz, 1821

Type locality: Philippines.

Philippines, Luzon Is.

1787. ♂, Philippines, Luzon Isl., 6.11.2006. Ex coll. Korolev V.A., № P00722;

1788. *f. praxilla* ♂, Philippines, Luzon Isl., 10.03.2006. Ex coll. Korolev V.A., № P00723;

1789. ♂, Philippines, Luzon Isl., 19.07.2012. Ex pupa. Ex coll. Korolev V.A., № P01425.

Philippines, Mindoro Is.

1790. ♂, Philippines, Mindoro Isl., 18.02.2010. Ex coll. Korolev V.A., № P00972.

Papilio (Menelaides) polytes romulus Cramer, [1775]

Type locality: "van de kusten van Coromandel en Ceylon", Ceylon.

Nepal

1791. (Table XVIII, 1791) ♂, Nepal, Koshi prov., Mulghat env., 16.06.1999. Ex coll. Korolev V.A., № P00725.

Thailand

1792. ♂, Thailand, Chiang Mai, 10.02.2008. Ex coll. Korolev V.A., № P00757;

1793. ♂, Thailand, Yala loc., 10-15.10.2011. Ex coll. Korolev V.A., № P01483;

1794. ♂, Thailand, Chiang Mai, 10-16.10.2012. Ex coll. Korolev V.A., № P01537.

1795. (Table XVIII, 1795) *Black forma* ♀, Thailand, Chiang Mai, 17.03.2006. Ex coll. Korolev V.A., № P00726;

1796. ♀, Thailand, Chiang Mai, 25.03.2008. Ex coll. Korolev V.A., № P00758;

1797. ♀, Thailand, Yala loc., 10-15.10.2011. Ex coll. Korolev V.A., № P01484;

1798. (Table XVIII, 1798) ♀, Thailand, Chiang Mai, 10-16.10.2012. Ex coll. Korolev V.A., № P01538;

1799. ♀, Thailand, Chiang Mai, 10-16.10.2012. Ex coll. Korolev V.A., № P01539;

1800. ♀, Thailand, Chiang Mai, 10-16.10.2012. Ex coll. Korolev V.A., № P01540;

1801. ♀, Thailand, Chiang Mai, 10-16.10.2012. Ex coll. Korolev V.A., № P01541.

Laos

1802. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. Korolev V.A., № P01753.

Vietnam

1803. ♂, North. Vietnam, Sapa Mt, Lao Cai prov., 1900 m, 18.10.2013. Ex coll. Korolev V.A., № P01817.

Malaysia

1804. ♂, W. Malaysia, Cameron Highlands. 15.10.2011. Ex coll. Korolev V.A., № P01481;

1805. ♀, W. Malaysia, Cameron Highlands. 15.10.2011. Ex coll. Korolev V.A., № P01482.

Papilio (Meneloides) polytes pasikrates Fruhstorfer, 1908

Type locality: "Gynai, Formosa", (Taiwan Is.).

Philippines, Mindanao Is.

1806. (Table XVIII, 1806) ♂, Philippines, Mindanao Isl., 13.04.2007. Ex coll. Korolev V.A., № P00727;

1807. (Table XVIII, 1807) ♀, Philippines, Mindanao Isl., 13.04.2007. Ex coll. Korolev V.A., № P00728.



1794



1798



1800



1801



1802



1804



1806



1807

Papilio (Menelaides) protenor Cramer, 1775

Original description: *Papilio protenor* Cramer, [1775]; Uitl. Kapellen 1 (1-7): 77, pl. 49, f. A, B; TL: "China".

Papilio (Menelaides) protenor protenor Cramer, 1775

Type locality: "Deze Chineesche Dag-Kapel [...] ce Papillon Chinois"; SE China, Canton.

China, Guangxi prov.

1808. ♂, South China, Hong Kong, 16.05.2014. Ex coll. Korolev V.A., № P01873.



1808

1809

1810

1811



1812

1814

1817

1818

Papilio (Menelaides) protenor euprotenor (Fruhstorfer, 1908)

Type locality: “Sikkim...”, India.

China, Sichuan prov.

1809. (Table XVIII, 1809) ♂, China, Sezchuan prov., Chuntsii, 1-10.03.2005. Ex coll. Korolev V.A., № P00646;

China, Guangxi prov.

1810. ♂, South China, Guangxi Prov., Guilin, 1-10.05.2014. Ex coll. Korolev V.A., № P01891;
1811. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01907;
1812. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01908;
1813. ♂, South China, Guangxi Prov., Guilin, 16-20.07.2014. Ex coll. Korolev V.A., № P01909

N.Vietnam

1814. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 15-20.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P02001;
1815. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 10-15.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P02002;
1816. ♂, N. Vietnam. Thanh Son – Ha Giang Province, 15-20.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P02003.

Laos

1817. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A., № P02004;

Papilio (Menelaides) protenor amaura Jordan, 1909

Type locality: Taiwan.

Taiwan Is.

1818. (Table XIX, 1818) *Topotypus* ♂, C.Taiwan, Nantou, Puli, 10.08.2010. Ex coll. Korolev V.A., № P01017;

Papilio (Menelaides) rumanzovia Eschscholtz, 1821

Original description: *Papilio rumanzovia* Eschscholtz, 1821; in Kotzebue, Entdeck. Reise Süd-See 3 (App. 5): 204, pl. 2, f. 4a-b.

Papilio (Menelaides) rumanzovia rumanzovia Eschscholtz, 1821

Type locality: “Manila”, Philippines.

Philippines, Luzon Is.

1819. *Topotypus* ♂, Philippines, Luzon, loc. Manila. 16.02.2009. Ex coll. Korolev V.A., № P01141.

Philippines, Mindanao Is.

1820. (Table XIX, 1820) ♂, Philippines, Mindanao, 20.03.1997. Ex coll. Korolev V.A., № P00643;
 1821. ♀, Philippines, Mindanao Isl., 1-10.02.2006. Ex coll. Korolev V.A., № P00644;
 1822. **White forma** ♀, Philippines, Mindanao Isl., 15.07.2007. Ex coll. Korolev V.A., № P00768.



1819

1821

1822

1825

***Papilio (Menelaides) rumanzovia luzviae* Schröder & Treadaway, 1991**

Type locality: "Philippinen, Marinduque Island", Philippines.

Note: According to Haeuser C.L., Holstein J. & Steiner A. (2005), escribed as a separate species related to *Papilio rumanzovia* and treated as such, albeit with "some doubt", by Treadaway (1995: 97) hinting that it might represent a hybrid between *P. rumanzovia* and *P. lowi* or between *P. rumanzovia* and *P. memnon*; until further clarification the taxon is retained here provisionally both under *P. rumanzovia* and *P. lowi*. Dataset duplicated in SPCTAX - see also under *Papilio (Menelaides) lowii* Druce, 1873 (№ 8522)!

Philippines, Luzon Is.

1823. *Topotypus* ♂, Philippines, S.Luzon, Marinduque. 18.09.2007. Ex coll. Korolev V.A., № P00707.

***Papilio (Menelaides) rumanzovia semperinus* Haase, 1893**

Type locality: Not designated (Philippines).

Note: Some author considering this taxon as a junior subjective synonym of sp. *rumanzovia*..

Philippines, Palawan Is.

1824. (Table XIX, 1824) **White forma** ♀, Philippines, Palawan Isl., 20.08.2007. Ex coll. Korolev V.A., № P00769.

Philippines, Leyte Is.

1825. ♂, "*Papiio rumanzovia semperinus*" / Philippines, Leyte Is. 10-15.03.2011. Ex coll. Korolev V.A., № P01468;

1826. ♂, “*Papilio rumanzovia semperinus*” / Philippines, Leyte Is. 10-15.03.2011. Ex coll. Korolev V.A., № P01469;
 1827. ♀, “*Papilio rumanzovia semperinus*” / Philippines, Leyte Is. 10-15.03.2011. Ex coll. Korolev V.A., № P01471;
 1828. ♀, “*Papilio rumanzovia semperinus*” / Philippines, Leyte Is. 10-15.03.2011. Ex coll. Korolev V.A., № P01470;



1823

1828

Subgenus *Papilio* Linnaeus, 1758

Papilio (Papilio) alexanor Esper, 1799

Original description: *Papilio alexanor* Esper, 1800; Die Schmett., Suppl. Th. 1 (8-9): 89, pl. 110, f. 1.

Papilio (Papilio) alexanor orientalis Romanoff, 1884

Type locality: “aux environs d’Ordoubad”, Ordubad, Armenia (SE Caucasus).

Armenia

1829. ♂, Republic Armenia, Kotayk Province, Nurnus village, Hrazdan River, 20 km N from Yerevan, steppe, 1300 m, 20.05.2012. V.Hambartzumian. (Ex coll. Korolev V.A., № P01561);
 1830. (Table XIX, 1830) ♀, Republic Armenia, Arailer Mountain, 30-35 km N from Yerevan, 1800 m, subalps, on Ferula. (Ex larva). Larva: 10-16.07.2008. V.Hambartzumian. Imago: april 2011. V.Hambartzumian (Ex coll. Korolev V.A., № P01562).

Papilio (Papilio) alexanor voldemar Kreuzberg, 1989

Type locality: «Узбекская ССР, хр. Каржантау, к. Акташ, 1200 м», [Uzbekskaya SSR, Karzhantau Mts., Aktash vil., 1200 m.], West Tien Shan.

Uzbekistan, Karzhantau Mts.

1831. *Topotyus* ♂, Узбекистан, Газалкентский р-н, [Каржантау] с.Акташ, 2000 м., 10.07.1989, Полевой Е. [Uzbekistan, Gazalkent distr., (Karzhantau), Aktash vil., 2000 m., 10.07.1989. Polevoi E. Leg.] (Ex coll. Korolev V.A., № P00515).



1829

1831

Uzbekistan, West Tien-Shan, Ugamsky Mts.

1832. ♀, Угамский хр., окр. к. Пскем, 1600 м., 29.06.1989, Самодуров Г.Д. [Ugamskiy Mts., Pskem vil. Vic., 1600 m, 29.06.1989. Samodurov G.D. leg.] (Ex coll. Korolev V.A., № P00516).

Papilio (Papilio) polyxenes Fabricius, 1775

Original description: *Papilio polyxenes* Fabricius, 1775; Syst. Ent.: 444; TL: “America” (not designated, probably - Cuba).

Synonyms: *asterioides* Eimer, 1895, not Reakirt, 1866.

Papilio (Papilio) polyxenes coloro W. G. Wright, 1905

Type locality: “USA: California: Colorado Desert, Riverside Co., Whitewater Hill, Coachella Valley”.

USA, Texas

1833. ♂, *P. polyxenes coloro*, USA, Texas, Whitehouse, 10.08.2011. (Ex coll. Korolev V.A., № P01118);
1834. (Table XIX, 1834) ♂, *P. polyxenes coloro*, USA, Texas, Whitehouse, 10.08.2011. (Ex coll. Korolev V.A., № P01119);
1835. ♂, *P. polyxenes coloro*, USA, Texas, Whitehouse, 10.08.2011. (Ex coll. Korolev V.A., № P01120).

1836. ♂, USA, Texas, Whitehouse, [GPS:] N 32°13'24", W 95° 13'3"; 5-8.07.2011. (Ex coll. Korolev V.A., № P01130);

Papilio (Papilio) polyxenes asterius (Stoll, 1782)

USA, Pensilvania:

1837. (Table XIX, 1837) ♂, «*Papilio polyxenes asterius* ♂» / USA, Pensilvania, Pine Grov, 14.07.2007. (Ex coll. Korolev V.A., № P01174);

1838. ♀, «*Papilio polyxenes asterius* ♀» / USA, Pensilvania, Pine Grov, 16.07.2007. (Ex coll. Korolev V.A., № P01175).



1836

1838

Canada, Ontario Prov.

1839. (Table XIX, 1839) ♀, «*Papilio polyxenes asterius* ♂» / CANADA, Ontario, Female from Delaware, Ex Ova, 19-24.05.2011. Leg. K.Thorne (Ex coll. Korolev V.A., № P01176).

Papilio (Papilio) joanae J. Heitzman, 1973

Original description: *Papilio joanae* Heitzman, 1973; J. Res. Lepid. 12 (1): (1-10)

Type locality: "USA, Missouri, Bento Co, Warsaw" (USA, Montana).

USA, Texas

1840. (Table XIX, 1840) ♂, «*Papilio joanae*», USA, Texas, Whitehouse. 3-7.08.2011. (Ex coll. Korolev V.A., № P01121).

Papilio (Papilio) zelicaon Lucas, 1852

Original description: *Papilio zelicaon* Lucas, 1852; Revue Mag. Zool. (2) 4 (3):136,

Papilio (Papilio) zelicaon zelicaon Lucas, 1852

Type locality: "San-Francisco, California" (USA).

USA, California

1841. (Table XIX, 1841) *Topotypus* ♂, « *Papilio zelicaon* ♂ » / USA, California, LA Co, San Gabriel Mtns, 15.04.2008. Leg. K.Thorne (Ex coll. Korolev V.A., № P01184).

USA, Oregon

1842. ♂, «*Papilio zelicaon* ♂» / USA, Oregon, Umatilla Co, Milton-Freewater. 18.05.1985. (Ex coll. Korolev V.A., № P01185).

Papilio (Papilio) machaon Linnaeus, 1758

Original description: *Papilio Machaon*, Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 458.

Papilio (Papilio) machaon machaon Linnaeus, 1758

Type locality: "Europae Umbellatis & Ruta", Sweden.

Note: According to Higgins & Riley (1975) there is little geographical variation in *machaon* in Europe, although seasonal variation in wing-markings does occur.

Belorussia

1843. ♂, *gen. vern.*, Belarus, Vitebsk Region, Sennensky distr., Stshitovka vil., 30.05-15.06.2012. leg. Galkin A.N. (Ex coll. Korolev V.A., № P01548);

1844. ♂, *gen. aestiva*, Белоруссия, Витебская обл., д.Кабыще, 6.07.2009. Галкин А.Н. [Belorussia, Vitebsk reg., Kabystshe vil., 6.07.2009, Galkin A.N. leg.] (Ex coll. Korolev V.A., № P01077).

Russia, Moscow reg.

1845. ♂, *gen. vern.*, Московская обл., (Одинцовский р-н), окр. Звенигорода, д.Луцино, 2.06.1990, Королёв С.В. [Moscow reg., Odintsovo distr., loc. Zvenigorod, Lutsyno vil., 2.06.1990, Korolev S.V. leg.] (Ex coll. Korolev V.A., № P00462);

1846. ♂, *gen. vern.*, Московская обл., Одинцовский р-н, окр. д.Луцино, ЗБС, 2.06.2006, Королёв В.А. [Moscow reg., Odintsovo distr., Lutsyno village, Zvenigorod Biology Station of MSU, 2.06.2006, Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00463);

1847. ♂, *gen. vern.*, Московская обл. Мытищинский р-н, окр. г.Мытищи, лесопарк, 18.05.2003, Болдырев А. [Moscow reg., Mytistshy distr., loc. Mytistshy-city, forest-park, 18.05.2003, Boldyrev A. leg.] (Ex coll. Korolev V.A., № P00464);

1848. ♀, *gen. vern.*, Московская обл. Мытищинский р-н, окр. г.Мытищи, лесопарк, 18.05.2003, Болдырев А. [Moscow reg., Mytistshy distr., loc. Mytistshy-city, forest-park, 18.05.2003, Boldyrev A. leg.] (Ex coll. Korolev V.A., № P00465)

1849. ♀, *gen. vern.*, Московская обл. Мытищинский р-н, окр. г.Мытищи, лесопарк, 18.05.2003, Болдырев А. [Moscow reg., Mytistshy distr., loc. Mytistshy-city, forest-park, 18.05.2003, Boldyrev A. leg.] (Ex coll. Korolev V.A., № P00466)

1850. ♂, *gen. aestiva*, Московская обл., (Воскресенский р-н), р.Нерская, п.Ашитково, 1.07.1995, Цуканова Л.А. [Moscow reg., (Voskresensk distr.), Nerskaya-river, Ashitkovo village, 1.07.1995, Tsukanova L.A. leg.] (Ex coll. Korolev V.A., № P00467);

1851. ♂, *gen. aestiva*, Московская обл., Раменский р-н, д.Агашкино, 20.08.2002, Королёв В.А. [Moscow reg., Ramensky distr., Agashkino village, 20.08.2002. Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00468);
1852. ♂, *gen. aestiva*, Московская обл., Ступинский р-н, д.Благовское, 25.07.2005, Королёв В.А. [Moscow reg., Stupino distr., Blagovskoe village, 25.07.2005. Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00469);
1853. ♂, *gen. aestiva*, Московская обл., Ступинский р-н, д.Благовское, 11.07.2011, Королёв В.А. [Moscow reg., Stupino distr., Blagovskoe village, 11.07.2011. Korolev V.A. leg.] (Ex coll. Korolev V.A., № P01006);
1854. (Table XIX, 1853) ♂, *gen. aestiva*, Московская обл., Ступинский р-н, д.Благовское, 11.07.2011, Королёв В.А. [Moscow reg., Stupino distr., Blagovskoe village, 11.07.2011. Korolev V.A. leg.] (Ex coll. Korolev V.A., № P01007);
1855. ♂, *gen. aestiva*, Московская обл., Ступинский р-н, д.Благовское, 11.07.2011, Королёв В.А. [Moscow reg., Stupino distr., Blagovskoe village, 11.07.2011. Korolev V.A. leg.] (Ex coll. Korolev V.A., № P01008);
1856. ♂, *gen. aestiva*, Московская обл., Ступинский р-н, д.Благовское, 16.07.2011, Королёв В.А. [Moscow reg., Stupino distr., Blagovskoe village, 16.07.2011. Korolev V.A. leg.] (Ex coll. Korolev V.A., № P01009);
1857. ♀, *gen. aestiva*, Московская обл., Ступинский р-н, д.Благовское, 17.07.2011, ex larva; Королёв В.А. [Moscow reg., Stupino distr., Blagovskoe village, 11.07.2011. ex larva; Korolev V.A. leg.] (Ex coll. Korolev V.A., № P01010).

Russia, Lipetsk reg.

1858. ♂, *gen. aestiva*, З.Россия, окр. г.Липецка, 10.07.2002. Бережной Ю.И. [W.Russia, loc. Lipetsk-city, 10.07.2002, Berezhnoy Yu.I. leg.] (Ex coll. Korolev V.A., № P00993).

Papilio (Papilio) machaon mauretanica Verity, 1905

Type locality: "Algeria".

Morocco

1859. ♀, N. Morocco, Taounate pr., 25 km N Taounate, 500 m, N 34°39'19,7" W 4°35'23,3". 8.04.2011. / Ex coll. Korolev V.A., № P01943.

Papilio machaon hispanicus Eller, 1936

Type locality: "Barcelona", Spain.

Spain

1860. ♂, *gen. aestiva*, «*P. m. hispanica* ♂» / Spain. Toledo distr. 26.07.2006. (Ex coll. Korolev V.A., № P01569);
1861. ♂, *gen. aestiva*, «*P. m. hispanica* ♂» / Spain. Toledo distr. 26.07.2006. (Ex coll. Korolev V.A., № P01570).

Papilio (Papilio) machaon sphyroides Verity, 1907

Type locality: N.Italy.

Synonyms: ssp. *emisphyris* Verity, 1919 (*Papilio*).

N.Italy, Toscana

1862. ♂, *gen. aestiva*, “*Papilio machaon emisyphyris*” / Italy, Toscana, Massa (MS). 7.09.2012. / Ex coll. Korolev V.A., № P01968.

Papilio (Papilio) machaon melitensis Eller, 1936

Type locality: Malta Is.

Malta Is.

1863. *Topotypus* ♂, Malta, Zurrieq, 24.08.2011. / Ex coll. Korolev V.A., № P01969.

Papilio (Papilio) machaon gorganus Fruhstorfer, 1922

Type locality: "Germania, Austria, Europ. centr. [...] Holland"; Centr. Europe.

Russia, Belgorod reg.

1864. ♀, *gen. aesiva*. (Белгородская обл.), окр. г.Белгород, 10.07.1995, Бабакина О.А. [(Belgorod reg.), loc. Belgorod-city, 10.07.1995. Babakina O.A. leg.] (Ex coll. Korolev V.A., № P00470).

Russia, Volgograd reg.

1865. ♂, *gen. vern.*, окр. Волгограда, п.Горная Поляна, 21.04.2004, leg. Кузнецов Г.В. [loc. Volgograd, Gornaya Polyana, 21.04.2004. leg. Kuznetsov G.V.] (Ex coll. Korolev V.A., № P00480);

1866. ♂, *gen. vern.*, Волгоград, окр. п.Горная Поляна, 25.04.2004, leg. Кузнецов Г.В. [loc. Volgograd, Gornaya Polyana, 25.04.2004. leg. Kuznetsov G.V.] (Ex coll. Korolev V.A., № P00481);

1867. ♀, *gen. vern.*, “*Papilio machaon* ♂”/ 25.04.2004, S.Russia, Volgograd-city, Gornaya Polyana hollow, Samus A. (Ex coll. Korolev V.A., № P00482).

Russia, South Ural

1868. ♂, *gen. aestiva*, Южн. Урал, оз.Ильменское, 15.07.1998, Феногенов А.Н. [South Ural, Ilmenskoe lake, 15.07.1998, Fenogenov A.N. leg.] (Ex coll. Korolev V.A., № P00483);

1869. ♂, *gen. vern.*, Russia, South Ural, Chelyabinsk near, 20.05.2006. Berezhnoi Yu.I. leg. (Ex coll. Korolev V.A., № P00734).

Russia, Crimea

1870. ♂, *gen. aestiva*, Крым, Бахчисарайский р-н, с.Проходное, 5.07.1981, Королев В.А. [Crimea, Bahchisarai distr., Prohladnoe vil., 5.07.1981, Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00471);

1871. ♂, *gen. aestiva*, Крым, Бахчисарайский р-н, с.Проходное, 6.07.1981, Королев В.А. [Crimea, Bahchisarai distr., Prohladnoe vil., 6.07.1981, Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00472);

1872. ♂, *gen. aestiva*, Крым, Бахчисарайский р-н, с.Проходное, 9.07.1981, Королев В.А. [Crimea, Bahchisarai distr., Prohladnoe vil., 9.07.1981, Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00473);



1843



1845



1847



1853



1857



1858



1860



1864



1865



1869



1873



1876

1873. ♂, *gen. aestiva*, Крым, Бахчисарайский р-н, окр. с. Прохладное, 30.06.1982, В.А.Королев [Crimea, Bahchisarai distr., Prohladnoe vil., 30.06.1982, Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00474);
1874. ♂, *gen. aestiva*, Крым, Бахчисарайский р-н, окр. с. Прохладное, 1.07.1982, В.А.Королев [Crimea, Bahchisarai distr., Prohladnoe vil., 1.07.1982, Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00475);
1875. ♂, *gen. aestiva*, Крым, Бахчисарайский р-н, окр. с. Прохладное, 2.07.1982, В.А.Королев [Crimea, Bahchisarai distr., Prohladnoe vil., 2.07.1982, Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00476);
1876. ♂, *gen. aestiva*, Крым, Феодосия, г. Лысая, 20-21.08.1998, Королев В.А. [Crimea, Feodosiya, Lysaya Mt., 20-21.08.1998, Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00477);
1877. ♀, *gen. aestiva*, Крым, Феодосия, г. Лысая, 20-24.08.1998, Королев В.А. [Crimea, Feodosiya, Lysaya Mt., 20-24.08.1998, Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00478).

Russia, North Caucasus:

1878. ♂, *gen. aestiva*, Russia, Stavropol Reg., Kislovodsk, Borghustan Mts., 900 m., 3.07.2003, leg. Birukov A.N. (Ex coll. Korolev V.A., № P00479).

Papilio (Papilio) machaon syriaca Verity, 1905

Type locality: "Syrien" (Syria).

Synonyms: *syriacus* Verity, 1908; *syriacus* Eller, 1939

Georgia, Adzharia:

1879. ♀, *gen. aestiva*. Закавказье, Аджария, окр. Батуми, 20.06.1960, Никифоров А. [Transcaucasus, Adzharia, loc. Batumi, 20.06.1960. Nikiforov A. leg.] (Ex coll. Korolev V.A., № P00484).

Armenia

1880. ♂, Армения, окр. с. Заритап. 2000 м 16.06.1997. leg. Гундоров С.Б. [Armenia, loc. Zaritap vil., 2000 m, 16.06.1997. leg. Gundorov S.B.] (Ex coll. Korolev V.A., № P01045);
1881. ♀, *gen. aestiva*, Армения, окр. с. Гарни. 20.05.1996. leg. Гундоров С.Б. [Armenia, loc. Garni vil., 20.05.1996. leg. Gundorov S.B.] (Ex coll. Korolev V.A., № P01044).

Papilio machaon centralis Staudinger, 1886

Type locality: "besonders aus der Umgegend von Margelan, aber auch aus der von Samarkand" (Uzbekistan, W.Tien Shan).

West Kazakhstan, Mangyshlak

1882. ♂, *gen. aestiva*. Мангышлак, окр. Актау, 23-28.07.1994, Насонова Е. [Mangyshlak, loc. Aktau-city, 23-28.07.1994, Nasonova E. leg.] (Ex coll. Korolev V.A., № P00488).



1881



1882



1884



1889



1890



1892



1894



1900



1902



1911



1913



1922

Uzbekistan, Chatkal Mts.

1883. ♂, *gen. aesiva*. Западный Тянь-Шань, Чаткальский хр., Б.Чимган, 1900-2300 м., Аксай, 24-26.07.1996, Королев В.А. [West Tien Shan, Chatkal Mts., Big Chimgan Mt., 1900-2300 m, Aksai, 24-26.07.1996, Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00486);
1884. ♀, *gen. aesiva*. Западный Тянь-Шань, Чаткальский хр., Б.Чимган, 1900-2300 м., Аксай, 24-26.07.1996, Королев В.А. [West Tien Shan, Chatkal Mts., Big Chimgan Mt., 1900-2300 m, Aksai, 24-26.07.1996, Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00487).

Papilio (Papilio) machaon oreinus Sheljuzhko, 1919

Type locality: "Naryn" (Inner Tien Shan).

Kirgizia, Inner Tien Shan

1885. ♀, *gen. aesiva*. Внутр. Тянь-Шань, 35 км ЮЗ от Ат-Баши, урочище Кошой-Тоо, 2600 м., 24.07.1990, В.А.Королев [Inner Tien Shan, 35 km SW from At-Bashi-city, Koshoi-Too Mt., 2600 m, 24.07.1990. Korolev V.A. leg.] (Ex coll. Korolev V.A., № P00485).

Kazakhstan, Transili Alatau Mts.

1886. ♂ *gen. vern.*, SE Kazakhstan, Transili Alatau Mt. Range, Ulken-Bugutty Mts., N 43° 31'40", E 79°01'40.2", 1400-1650 m a.s.l., 7-8.06.2011. N.Rubin & Yu. Sobolevskaya leg. / Ex coll. Korolev V.A., № P01788.

East Kazakhstan, Dzhungariya

1887. ♂, *gen. aest.* SE Kazakhstan, Almaty reg., Kerbulak distr., 10 km NE Rudnichnyi sttl, Koxsu riv., Dzhungarskiy Alatau mt. rdg. 8.07.2013. H= 1400 m, leg. Samus A.N. (Ex coll. Korolev V.A., № P01774);
1888. ♀, *gen. aest.* SE Kazakhstan, Almaty reg., Kerbulak distr., 10 km NE Rudnichnyi sttl, Koxsu riv., Dzhungarskiy Alatau mt. rdg. 8.07.2013. H= 1400 m. Leg. Samus A.N. (Ex coll. Korolev V.A., № P01775).

Papilio (Papilio) machaon orientis Verity, 1911

Type locality: "dans l'Altai [...] à de grandes altitudes, 1800 m., [...] de la Mongolie [...] de Sajan [...] Amour [...] du Vilui [...] Pokrofska [...] Tounkoun, Sajan [...] Monts Changhai, Mongolie"" (Altai, Sayan Mts., Mongolia).

Russia, Omsk reg.

1889. ♂, *gen. vern.*, Россия, Омская обл., Омский р-н, д.Давыдовка, 16.05.2007, Князев С.А. [Russia, Omsk Reg., Omsk distr., Davydovka vil., 16.05.2007, Knyazev S.A. leg.] (Ex coll. Korolev V.A., № P00489);
1890. ♀, *gen. aesiva*. Россия, Омская обл., Муромцевский р-н, с.Петропавловка, 20.07.2007, Князев С.А. [Russia, Omsk Reg., Muromtsevsky distr., Petropavlovka vil., 20.07.2007, Knyazev S.A. leg.] (Ex coll. Korolev V.A., № P00490).

Russia, North Altai

1891. ♂, Алтай, Курайский хр., п.Акташ, 1500 м., 14-21.06.2008. Бережной Ю.И. [Altai, Kuraisky Mts., Aktash vil., 1500 m, 14-21.06.2008. Berezhnoi Yu.I. leg.] (Ex coll. Korolev V.A., № P00819);

Kazakhstan, SW Altai

1892. ♀, *gen. aesiva*. Южный Алтай, Рахмановские Ключи, р.Черная Берель, 2400 м., 10.08.1990, Резниченко А.П. [South Altai, Rahmanovskie kluchi, Chernaya Berel river, 2400 m, 10.08.1990, Reznichenko A.P. leg.] (Ex coll. Korolev V.A., № P00491)
1893. ♀, *gen. aesiva*. Зап. Алтай, окр. Усть-Каменогорска, 24.08.1990, Резниченко А.П. [West Altai, loc. Ust'-Kamenogorsk-city, 24.08.1990, Reznichenko A.P. leg.] (Ex coll. Korolev V.A., № P00492).

Russia, Sakha (Yakutia)

1894. ♀, *gen. aesiva*. Южн. Якутия, бассейн р. Олёкмы, р. Лемачи, 26.08.1990, [South Yakutia, basin Olekma river, Lemachi river, 26.08.1990] (Ex coll. Korolev V.A., № P00493);



1895. ♂, Якутия, хр.Черского, окр. Усть-Неры, долина р.Индибирки, 2-7.07.2011. leg. Бережной Ю.И. [Yakutia, Cherskogo Mts., loc. Ust'-Nera, Indigirka-river valley, 2-7.07.2011. Berezhnoi Yu.I. leg.] (Ex coll. Korolev V.A., № P01059);
1896. ♂, Республика Саха, (Якутия), с.Артык, 22-24.06.2008. Рыбалкин С.А. leg. [The Republic of Sakha (Yakutia), Artyk vil., 22-24.06.2008. Rybalkin SA leg.] / Ex coll. Korolev V.A., № P01893;
1897. ♂, Республика Саха, (Якутия), с.Артык, 22-24.06.2008. Рыбалкин С.А. leg. [The Republic of Sakha (Yakutia), Artyk vil., 22-24.06.2008. Rybalkin SA leg.] / Ex coll. Korolev V.A., № P01894;
1898. ♂, Республика Саха, (Якутия), с.Артык, 22-24.06.2008. Рыбалкин С.А. leg. [The Republic of Sakha (Yakutia), Artyk vil., 22-24.06.2008. Rybalkin SA leg.] / Ex coll. Korolev V.A., № P01895;
1899. ♂, Республика Саха, (Якутия), с.Артык, 22-24.06.2008. Рыбалкин С.А. leg. [The Republic of Sakha (Yakutia), Artyk vil., 22-24.06.2008. Rybalkin SA leg.] / Ex coll. Korolev V.A., № P01896.

Papilio (Papilio) machaon ussuriensis Sheljuzhko, 1910

Type locality: Манчжурия, Уссури (Manchzhuria, Ussuri).

Russia, Amur reg.

1900. ♂, *gen. vern.*, Amur reg., Oblutje vic., Malyi Chingan, 7-9.06.1999, A.N.Streltsov leg. (Ex coll. Korolev V.A., № P00494).

Russia, Khabarovsk Territory

1901. ♀, *gen. vern.*, Хабаровский край, г.Комсомольск-на-Амуре, Силинский парк, 11.06.1994, Капкаев А.Ю. [Khabarovsk Territory, Komsomols-on-Amur, Silinsky Park, 11.06.1994, Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00495);
1902. (Table XIX, 1902) ♂, *gen. vern.*, Хабаровский край, г.Комсомольск-на-Амуре, Силинский парк, 11.06.1994, Капкаев А.Ю. [Khabarovsk Territory, Komsomols-on-Amur, Silinsky Park, 11.06.1994, Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00496);
1903. ♂, *gen. vern.*, окр. Комсомольска-на-Амуре, лыжная база «Снежинка», 27.06.1994, Капкаев А.Ю. [Komsomolsk-on-Amur vic., skiing lodge "Snezhinka", 27.06.1994. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00497);
1904. ♂, *gen. vern.*, Хабаровский край, хр. Мяочан, окр. п.Горный, 29.06.1994, Капкаев А.Ю. [Khabarovsk Territory, Myaochan Mts., loc. Gorny villsgce, 29.06.1994, Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00498);
1905. ♂, *gen.aesiva*. Окр. Комсомольска-на-Амуре, лыжная база «Снежинка», 21.07.1994, Капкаев А.Ю. [Komsomolsk-on-Amur vic., skiing lodge "Snezhinka", 21.07.1994. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00499);
1906. ♂, *gen.aesiva*. Окр. Комсомольска-на-Амуре, лыжная база «Снежинка», 21.07.1994, Капкаев А.Ю. [Komsomolsk-on-Amur vic., skiing lodge "Snezhinka", 21.07.1994. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00500);
1907. ♂, *gen.aesiva*. Окр. Комсомольска-на-Амуре, лыжная база «Снежинка», 31.07.1994, Капкаев А.Ю. [Komsomolsk-on-Amur vic., skiing lodge "Snezhinka", 31.07.1994. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00501);
1908. ♂, *gen. vern.*, окр. Комсомольска-на-Амуре, оз.Мылка, 17.05.1995, Капкаев А.Ю. [Komsomolsk-on-Amur vic., Mylka Lake, 17.05.1995. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00502);
1909. ♂, *gen. vern.*, окр. Комсомольска-на-Амуре, оз.Мылка, 17.05.1995, Капкаев А.Ю. [Komsomolsk-on-Amur vic., Mylka Lake, 17.05.1995. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00503);
1910. ♀, *gen. vern.*, окр. Хабаровска, ст. Дачная, 9.06.1996, Некрасова М.А. [Khabarovsk-city vic., Dachnaya station, 9.06.1996, Nekrasova M.A. leg.] (Ex coll. Korolev V.A., № P00504).

Papilio (Papilio) machaon sachalinensis Matsumura, 1911

Type locality: Sachalin.

Russia, Sachalin Is.

1911. ♂, *gen.aesiva*. о.Сахалин, Анивский залив, п.Кириллово, 23.07.1990 [Sachalin Is., Aniva Bay, Kirillovo village, 23.07.1990] (Ex coll. Korolev V.A., № P00505);
1912. ♂, *gen.aesiva*. о.Сахалин, Анивский залив, р.Бачижи, 21.07.1990 [Sachalin Is., Aniva Bay, Bachizhi river, 21.07.1990] (Ex coll. Korolev V.A., № P00506).

Papilio (Papilio) machaon septentrionalis Verity, 1911

Type locality: "nord du Japon [...] (Sapporo, Hokkaido) [...] (Hakodate)", Hokkaido, Japan.

Russia, Kuril Isl.

1913. (Table XIX, 1913) ♀, *gen. aesiwa*. Курильские о-ва, о.Итуруп, окр. Южно-Курильска, 21.07.1991, Ладыгин В.М., loc. [Kuril Isl., Iturup Is., loc. Yuzhno-Kurilsk, 21.07.1991. Ladygin V.M. leg.] (Ex coll. Korolev V.A., № P00507);

Papilio (Papilio) machaon kamschadalus Alpheraky, 1897

Type locality: Kamchatka.

Russia, Magadan reg.



1914. ♂, Магаданская обл., п.Карамкен, 16.06.1996, Бабакин А.П. [Magadan reg., Karamken village, 16.06.1996. Babakin A.P. leg.] (Ex coll. Korolev V.A., № P00508);
1915. ♂, Магаданская обл., п.Карамкен, 16.06.1996, Бабакин А.П. [Magadan reg., Karamken village, 16.06.1996. Babakin A.P. leg.] (Ex coll. Korolev V.A., № P00509);
1916. ♂, Магаданская обл., [Хасынский р-н], окр. п.Ола, долина р.Хасын, 1000 м., 13.06.1997, Бабакина О.А. [Magadan reg., (Hasynski distr.) Ola village, Hasyn river valley, 1000 m, 13.06.1997. Babakina O.A. leg.] (Ex coll. Korolev V.A., № P00510);
1917. ♀, Магаданская обл., [Хасынский р-н], окр. п.Ола, долина р.Хасын, 1000 м., 13.06.1997, Бабакина О.А. [Magadan reg., (Hasynski distr.) Ola village, Hasyn river valley, 1000 m, 13.06.1997. Babakina O.A. leg.] (Ex coll. Korolev V.A., № P00511);
1918. ♂, Магаданская обл., окр. п.Карамкен, 9.06.1998, Бабакин А.П. [Magadan reg., Karamken village, 9.06.1998. Babakin A.P. leg.] (Ex coll. Korolev V.A., № P00512);
1919. ♂, Магаданская обл., окр.п.Карамкен, 18.06.1998, Бабакин А.П. [Magadan reg., Karamken village, 18.06.1998. Babakin A.P. leg.] (Ex coll. Korolev V.A., № P00513);
1920. ♂, Магаданская обл., окр. п.Карамкен, 28.06.1999, Бабакин А.П. [Magadan reg., Karamken village, 28.06.1999. Babakin A.P. leg.] (Ex coll. Korolev V.A., № P00514).

Papilio (Papilio) machaon venchuanus Moonen, 1984

Type locality: "Sichuan, Venchuan", (China, Sichuan).

Synonyms: *Papilio machaon chinensis* Verity, 1905.

Note: ssp. *venchuanus* Moonen, 1984 – is replaced name for ssp. *chinensis* Verity, 1905, - junior objective homonym of *Papilio paris chinensis* Rothschild, 1895.

China, Sichuan prov.

1921. ♂, "*Papilio machaon venchuanus*"/ China, Sichuan Prov., Daba Mtn., 5-10.06.2000. (Ex coll. Korolev V.A., № P01512);

1922. (Table XIX, 1922) ♂, China, Sichuan Prov., Daba Mtn., 5-10.06.2000. (Ex coll. Korolev V.A., № P01513);
1923. *Topotypus* ♂, “*P. machaon chinensis*” / China, Sichuan, Jioulong, 12.04.2011. (Ex coll. Korolev V.A., № P01306);
1924. *Topotypus* ♂, “*P. machaon chinensis*” / China, Sichuan, Jioulong, 23.04.2011. (Ex coll. Korolev V.A., № P01307).

Papilio (Papilio) machaon aliaska Scudder, 1869

Type locality: USA, Alaska.

Canada, Yukon prov.



1925. ♂, Canada, Yukon Terr., 14 km Dempster HWY. 7.07.2000. Fernando A.E. leg. (Ex coll. Korolev V.A., № P01131).

Subgenus *Princeps* Hübner, [1807]

***Papilio (Princeps) dardanus* Brown, 1776**

Original description: *Papilio dardanus* Brown, 1776; New Illust. Zool.: 51,

Papilio (Princeps) dardanus dardanus Brown, 1776

Type locality: not designated [West Africa].

Ghana

1926. (Table XIX, 1926) ♂, C.Africa, Ghana, loc. Conakri, 14.05.1988. Ex coll. Korolev V.A., № P00667.

Equatorial Guinea

1927. ♂, Equatorial Guinea, Pico Mt., Malabo vic. 24-26.01.2013. / Ex coll. Korolev V.A.. № P01967.

Ivory Coast

1928. ♂, Centr. Ivory Coast, loc. Tieningbove. 10-20.06.2014. Ex coll. M.Bonnard. / Ex coll. Korolev V.A., № P01965.

1929. ♂, Centr. Ivory Coast, loc. Tieningbove. 1-10.07.2014. Ex coll. M.Bonnard. / Ex coll. Korolev V.A., № P01966.

Cameroon

1930. ♂, Camerun, Yaunde, 7.11.2005. Ex coll. Korolev V.A., № P00668.

Zaire, Kivu Prov.

1931. ♂, Zaire. Kivu prov., Lume. 15.07.2012. Ex coll. J.Jakush / Ex coll. Korolev V.A., № P01716.

Central African Republic



1932. ♀, Centr. Afric. Republic, loc. Bangui, 16.01.2009. Ex coll. Korolev V.A., № P01142;



1930

1931

1933

1934

Papilio (Princeps) dardanus meriones (C. & R. Felder, 1865)

Type locality: "Region de Toamasina", Madagascar.

Madagascar

1933. ♂, Madagascar. 02.2006. / Ex coll. Korolev V.A., № P00669;

1934. *Topotypus* ♂, Madagascar, Toamasina. 15.08.2010. Ex coll. Korolev V.A., № P01157.

Papilio (Princeps) nobilis Rogenhofer, 1891

Original description: *Papilio nobilis* Rogenhofer, 1891; Verh. zool.-bot. Ges. Wien 41 : 563.

Papilio (Princeps) nobilis nobilis Rogenhofer, 1891

Type locality: Tanzania: “Africa Orientalis, Pare”.

Uganda

1935. (Table XIX, 1935) ♂, Uganda, Kibate fst., 16.03.2007. Ex coll. Korolev V.A., № P00708.

Papilio (Princeps) demodocus Esper, 1798

Original description: *Papilio demodocus* Esper, 1799; Die ausl. Schmett.: 205, pl. 51, f. 1

Papilio (Princeps) demodocus demodocus Esper, 1798

Type locality: “China” (error); corrected TL: “Bengalen” (C.Africa).

Central African Republic

1936. (Table XIX, 1936) ♂, Central Afric. Republic, Bangui, 20.11.2005, ex coll. Korolev V.A., № P00548.

Zimbabwe

1937. ♂, Zimbabwe, Nat. Park “Viktoria Falls”. 18.03.2014. leg. & coll. V.Tuzov / Ex coll. Korolev V.A., № P01787.

Madagascar

1938. ♂, Madagascar, Sakaraha. 16.01.2010./ Ex coll. Korolev V.A., № P01160.

Papilio (Princeps) erithonioides Grose-Smith, 1891

Original description: *Papilio erithonioides* Grose-Smith, 1891; Ann. Mag. nat. Hist. (6) 7 (37) : 122.

Type locality: “North-west coast of Malagasy Republic”, NW Madagascar.

Madagascar

1939. (Table XIX, 1939) ♂, Madagascar, 5.11.2007. Ex coll. Korolev V.A., № P00772.



1937



1938



1939

***Papilio (Princeps) demoleus* Linnaeus, 1758**

Original description: *Papilio Demoleus* Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 464.

***Papilio (Princeps) demoleus demoleus* Linnaeus, 1758**

Type locality: "Asia", corrected TL: Canton, S.China.

China, Sichuan prov.

1940. (Table XIX, 1940) ♂, SE China, Sitzyan river, 15.07.2004, ex coll. Korolev V.A., № P00544.

Nepal

1941. ♂, Nepal, Koshi prov., Mulghat env., 15.06.1999, ex coll. Korolev V.A., № P00545.

***Papilio (Princeps) demoleus libanius* Fruhstorfer, 1908**

Type locality: "Formosa [...] von Takau", Taiwan Is.

Philippines

1942. ♂, Philippines, Marinduque Isl., (near Luzon), 2.09.1995, ex coll. Korolev V.A., № P00546;

1943. ♂, Philippines, Luzon Isl., 10.03.2006, ex coll. Korolev V.A., № P00547;

1944. ♀, Philippines, Marinduque, 10-15.02.2008. Ex coll. Korolev V.A., № P00775;

1945. ♂, Philippines, Mindoro Isl., 15.09.2011. Ex coll. Korolev V.A., № P01394;

1946. ♂, Philippines, Mindoro Isl., 15.09.2011. Ex coll. Korolev V.A., № P01395;

1947. ♂, Philippines, Luzon Isl., 14.07.2012. Ex pupa. Ex coll. Korolev V.A., № P01423;

1948. ♀, Philippines, Luzon Isl., 24.07.2012. Ex pupa. Ex coll. Korolev V.A., № P01424.

Papilio (Princeps) demoleus malayanus (Wallace, 1865)

Type locality: Singapore; "Manila", loc.error; [nec] Flores (Malaysia).

Malaysia

1949. ♂, W. Malaysia, Cameron Highlands. 10-13.03.2011. Ex coll. Korolev V.A., № P01769.

Indonesia, Java Is.

1950. ♂, Indonesia, Java Isl., 15-20.02.2007. Ex coll. Korolev V.A., № P00686;

1951. ♀, Indonesia, Java Isl., 26.02.2008. Ex coll. Korolev V.A., № P00776.



1941



1942



1943



1945



1949



1950



1953



1954

Myanmar (Burma)

1952. ♂, S. Myanmar (Burma), Tathoun loc., 25.10.2012. Ex coll. Korolev V.A., № P01805.

Laos

1953. ♂, North. Laos, Luang Prabang prov., Mekong river valley, 1-10.06.2012. Ex coll. Korolev V.A., № P01766.

Thailand

1954. ♂, North. Thailand, Chiang Mai. 10-15.04.2013. Ex coll. Korolev V.A., № P01767;

1955. ♂, North. Thailand, Chiang Mai, 13-16.10.2013. Ex coll. Korolev V.A., № P01801;

1956. ♀, North. Thailand, Chiang Mai, 13-16.10.2013. Ex coll. Korolev V.A., № P01802;

1957. ♂, North. Thailand, Chiang Mai, 11-14.05.2014. Ex coll. Korolev V.A., № P01867.

Cambodia

1958. ♂, Cambodia, Pnom Penh vicinity, 15.10.2013. Ex coll. Korolev V.A., № P01803.

South Vietnam:

1959. ♂, S. Vietnam, Lam Dong prov., Dambri, 13.10.2013. Ex coll. Korolev V.A., № P01804.

Papilio (Princeps) delalandei Godart, [1824]

Original description: *Papilio delalandei* Godart, [1824] in Latreille & Godart, [1819], [1824]. Encyclopédie Méthodique. Histoire Naturelle [Zoologie] 9 Entomologie: 811 (1-328 [1819], 329-828 [1824]). Paris.

Papilio (Princeps) delalandei delalandei Godart, [1824]

Type locality: “Cafrerie, sur les bords de Groot Fisch Rivier”, [error; corrected TL: East. Madagascar].

Madagascar

1960. (Table XX, 1960) ♂, Madagascar, 01.1995. Ex coll. Korolev V.A., № P00656.

Papilio (Princeps) hesperus Westwood, 1843

Original description: *Papilio hesperus* Westwood, 1843 in Westwood, [1842-1843]. Arcana Entomologica; or illustrations of new, rare, and interesting species 1: 189 (192 pp.). London.

Papilio (Princeps) hesperus hesperus Westwood, 1843

Type locality: “Gold Coast”, Ghana (error); corrected TL: Cameroon (Larsen, 2005).

Zaire, Kivu Prov.

1961. (Table XX, 1961) ♂, Zaire. Kivu prov., Lume. 15.07.2012. Ex coll. J.Jakush / Ex coll. Korolev V.A.. Ex coll. Korolev V.A., № P01727.

Uganda

1962. ♂, Ouganda, Bwindi, Impenachable forest, Buhoma Area, 15.03.2014. Ex coll. M.Bonnard / Ex coll. Korolev V.A., № P01974.

Cameroon



1963. *Topotypus* ♂, Cameroon, Yaunde. 20.01.2006. Ex coll. Korolev V.A., № P00671.

Papilio (Princeps) constantinus Ward, 1871

Original description: *Papilio constantinus* Ward, 1871. Entomologist's Monthly Magazine 8: 34 (34-36, 58-60, 81-82, 118-122).

Papilio (Princeps) constantinus constantinus Ward, 1871

Type locality: "Ribé, East Africa" (Kenia).

Tanzania

1964. (Table XX, 1964) ♂, Thanzania, Region - Tanga, Forest – Mtunguru, 15.03.2008. Ex coll. Korolev V.A., № P00974.

Papilio (Princeps) lormieri Distant, 1874

Original description: *Papilio lormieri* Distant, 1874. Entomologist's Monthly Magazine 11: 129 (129-130).

Papilio (Princeps) lormieri lormieri Distant, 1874

Type locality: [French West Africa]: "Madagascar" (error); corrected Type locality - Cameroon.

Cantral African Republic

1965. (Table XX, 1965) ♂, Central Afric. Republic, Bangui, 13.11.2005, ex coll. Korolev V.A., № P00543.

Papilio (Princeps) ophidicephalus Oberthür, 1878

Original description: *Papilio ophidicephalus* Oberthür, 1878. Études d'Entomologie 3: 13 (1-48).

Papilio (Princeps) ophidicephalus ophidicephalus Oberthür, 1878

Type locality: “aux montagnes de Schimba, sur la Côte, en face de l'île de Zanzibar”; South Africa: “Bashee River, Kaffraria” (Tanzania).

Tanzania

1966. (Table XX, 1966) ♂, Tanzania, loc. Kilimanjaro, 23.09.2007 Ex coll. Korolev V.A., № P00709;

1967. ♂, Tanzania, Mbeya district, Rwangve Forest, 12.12.2010. Ex coll. M.Bonnard / Ex coll. Korolev V.A., № P01975.

Papilio (Princeps) mangoura Hewitson, 1875

Original description: *Papilio mangoura* Hewitson, 1875. Entomologist's Monthly Magazine 11: 226 (226-227).

Type locality: «Madagascar».

Madagascar

1968. (Table XX, 1968) *Topotypus* ♂, “*Papilio mangoura*” / Madagascar, Taolanaro, 13.01.2011. Ex coll. Korolev V.A., № P01305.

Papilio (Princeps) phorcas Cramer, 1775

Original description: *Papilio phorcas* Cramer, 1775 *in* Cramer, [1775-6]. Die Uitlandsche Kapellen voorkomende in de drie waerrelddeelen Asia, Africa en America 1: 4 (155 pp.). Amsteldam and Utrecht.

Papilio (Princeps) phorcas phorcas Cramer, 1775

Type locality: “Sierra Leona”, Sierra Leone.

Ivory Coast

1969. (*Green morph*) ♂, Centr. Ivory Coast, loc. Tieningbove. 10-20.06.2014. Ex coll. M.Bonnard. / Ex coll. Korolev V.A., № P01962;

1970. (*Green morph*) ♂, Centr. Ivory Coast, loc. Tieningbove. 10-20.06.2014. Ex coll. M.Bonnard. / Ex coll. Korolev V.A., № P01963.

Equatorial Guinea

1971. (*Green morph*) ♂, Equatorial Guinea, Pico Mt., Malabo vic. 24-26.01.2013. Ex coll. Korolev V.A., № P01964.

Papilio (Princeps) phorcas congoanus (Rothschild, 1896)

Type locality: “Upper Congo, Lukolele” (Zaire).

Central African Republic

1972. (Table XX, 1972) ♂, Central African Republic, Bangui, 12.01.2006. Ex coll. Korolev V.A., № P00626.

Cameroon

1973. *Green morph* ♂, Cameroon, Kribi vic., 5-10.11.2005. Ex coll. Korolev V.A., № P00625;

Zaire, Kivu prov.

1974. *Green morph* ♂, Zaire (Congo), Prov. Kivu, loc. Lume, 11-13.12.2012. Ex coll. Korolev V.A., № P01712.

Subgenus *Sinopriniceps* Hancock, 1983

Papilio (Sinopriniceps) benguetana Joicey & Talbot, 1923

Original description: *Papilio* sp. *benguetana* Joicey & Talbot, 1923.

Type locality: "North Luzon, Benguet District, [...] on the peak of Santo Tomas" (Philippines).

Philippines, Mindoro Is.

1975. (Table XX, 1975) ♂, Philippines, Mindoro Isl., 10-15.10.2008. Ex coll. Korolev V.A., № P00899.

Papilio (Sinopriniceps) xuthus Linnaeus, 1767

Original description: *Papilio xuthus* Linnaeus, 1767, Syst. Natur., 12(1): 751.

Papilio (Sinopriniceps) xuthus xuthus Linnaeus, 1767

Type locality: S.China [corrected TL: Kanton].

Vietnam

1976. ♂, *gen. aestiva*, N Vietnam, Tam Dao National Park. 1-10.06.2013. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A., № P01728;

1977. ♂, *gen. aestiva*, N Vietnam, Tam Dao National Park. 1-10.06.2013. Ex coll. Le Xuan Xung / Ex coll. Korolev V.A., № P01729;

1978. ♂, *gen. aestiva*, N. Vietnam. Thanh Son – Ha Giang Province, 10-15.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01986;

1979. ♀, *gen. aestiva*, N. Vietnam. Thanh Son – Ha Giang Province, 15-20.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01987;

1980. ♂, *gen. aestiva*, N. Vietnam. Thanh Son – Ha Giang Province, 15-20.06.2014. Le Xuan Xung leg. / Ex coll. Korolev V.A., № P01998.

China, Guanchzhou prov.

1981. *Topotipus* ♂, *gen. aestiva*, SE China, Guanchzhou prov., loc. Kanton, 09.2002, ex coll. Korolev V.A., № P00538;

1982. *Topotipus* ♂, *gen. aestiva*, SE China, Guanchzhou prov., loc. Kanton, 09.2002, ex coll. Korolev V.A., № P00540;



1983. *Topotipus* ♂, *gen. aestiva*, SE China, Guanchzhou prov., loc. Kanton, 09.2002, ex coll. Korolev V.A., № P00539.

Russia, Amur reg.

1984. ♂, *gen. vern.*, Амурская обл., окр. Благовещенска, 28-30.05.1995, Стрельцов А.Н. [Amur reg., loc. Blagovestshensk, 28-30.05.1995. Streltsov A.N. leg.] (Ex coll. Korolev V.A., № P00517);
1985. ♂, *gen. vern.*, Амурская обл., окр. Благовещенска, 28-30.05.1995, Стрельцов А.Н. [Amur reg., loc. Blagovestshensk, 28-30.05.1995. Streltsov A.N. leg.] (Ex coll. Korolev V.A., № P00518);
1986. ♂, *gen. vern.*, Russia, Amur region, Svobodnyi distr., vil. Malaya Sazanka, 17.05.1999, A.N.Streltsov leg. (Ex coll. Korolev V.A., № P00519);
1987. ♂, *gen. vern.*, Amur reg., Obluchje vic., Malyi Chingan, 7-9.06.1999, A.N. Streltsov leg. (Ex coll. Korolev V.A., № P00520);
1988. ♂, *gen. aestiva*, Амурская обл., р.Зея, Свободненский р-н, п.Малая Сазанка, 22.07.1995, Стрельцов А.Н. [Amur reg., Zeya river, Svobodnensky distr., Malaya Sazanka vil., 22.07.1995. Streltsov A.N. leg.] (Ex coll. Korolev V.A., № P00524);
1989. ♂, *gen. aestiva*, Амурская обл., р.Зея, Свободненский р-н, п.Малая Сазанка, 22.07.1995, Стрельцов А.Н. [Amur reg., Zeya river, Svobodnensky distr., Malaya Sazanka vil., 22.07.1995. Streltsov A.N. leg.] (Ex coll. Korolev V.A., № P00525);
1990. ♂, *gen. aestiva*, Амурская обл., р.Зея, Свободненский р-н, п.Малая Сазанка, 22.07.1995, Стрельцов А.Н. [Amur reg., Zeya river, Svobodnensky distr., Malaya Sazanka vil., 22.07.1995. Streltsov A.N. leg.] (Ex coll. Korolev V.A., № P00526);
1991. ♂, *gen. aestiva*, Амурская обл., р.Зея, Свободненский р-н, п.Малая Сазанка, 22.07.1995, Стрельцов А.Н. [Amur reg., Zeya river, Svobodnensky distr., Malaya Sazanka vil., 22.07.1995. Streltsov A.N. leg.] (Ex coll. Korolev V.A., № P00527);
1992. ♀, *gen. aestiva*, Амурская обл., р.Зея, Свободненский р-н, п.Малая Сазанка, 22.07.1995, Стрельцов А.Н. [Amur reg., Zeya river, Svobodnensky distr., Malaya Sazanka vil., 22.07.1995. Streltsov A.N. leg.] (Ex coll. Korolev V.A., № P00528);



1976

1986

1991

1995



1996

1999

2005

2006

1993. ♀, *gen. aestiva*, Амурская обл., р.Зея, Свободненский р-н, п.Малая Сазанка, 22.07.1995, Стрельцов А.Н. [Amur reg., Zeya river, Svobodnensky distr., Malaya Sazanka vil., 22.07.1995. Streltsov A.N. leg.] (Ex coll. Korolev V.A., № P00529);

1994. (Table XX, 1994) ♂, *gen. aestiva*, Russia, Amur region, Blagowestschensk vic., ABS BSPU, 9.08.1999, A.N. Streltsov leg. (Ex coll. Korolev V.A., № P00530);

1995. ♀, *gen. aestiva*, Russia, Amur region, Blagowestschensk vic., ABS BSPU, 9.08.1999, A.N. Streltsov leg. (Ex coll. Korolev V.A., № P00541).

Russia, Khabarovsk Territory

1996. ♂, *gen. vern.*, Хабаровский край, окр. Комсомольска-на-Амуре, оз. Мылка, 14.05.1995, Капкаев А.Ю. [Khabarovsk Territory, loc. Komsomolsk-on-Amur, Mylka Lake, 14.05.1995. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00521);

1997. ♂, *gen. vern.*, Хабаровский край, окр. Комсомольска-на-Амуре, оз. Мылка, 14.05.1995, Капкаев А.Ю. [Khabarovsk Territory, loc. Komsomolsk-on-Amur, Mylka Lake, 14.05.1995. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00522);
1998. ♂, *gen. vern.*, окр. Комсомольска-на Амуре, оз.Мылка, 19.05.1996, Капкаев А.Ю. (Ex coll. Korolev V.A., № P00523);
1999. ♂, *gen. aestiva*, [Хабаровский край], окр. Комсомольска-на Амуре, оз.Мылка, 10.07.1995, Капкаев А.Ю. [Khabarovsk Territory, loc. Komsomolsk-on-Amur, Mylka Lake, 10.07.1995. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00531);
2000. ♂, *gen. aestiva*, [Хабаровский край], окр. Комсомольска-на Амуре, оз.Мылка, 10.07.1995, Капкаев А.Ю. [(Khabarovsk Territory), loc. Komsomolsk-on-Amur, Mylka Lake, 10.07.1995. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00532);
2001. ♂, *gen. aestiva*, [Хабаровский край], окр. Комсомольска-на Амуре, оз.Мылка, 10.07.1995, Капкаев А.Ю. [(Khabarovsk Territory), loc. Komsomolsk-on-Amur, Mylka Lake, 10.07.1995. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00533);
2002. ♂, *gen. aestiva*, [Хабаровский край], окр. Комсомольска-на Амуре, оз.Мылка, 10.07.1995, Капкаев А.Ю. [(Khabarovsk Territory), loc. Komsomolsk-on-Amur, Mylka Lake, 10.07.1995. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00534);
2003. ♂, *gen. aestiva*, [Хабаровский край], окр. Комсомольска-на Амуре, оз.Мылка, 10.07.1995, Капкаев А.Ю. [(Khabarovsk Territory), loc. Komsomolsk-on-Amur, Mylka Lake, 10.07.1995. Kapkaev A.Yu. leg.] (Ex coll. Korolev V.A., № P00535);
2004. ♂, *gen. aestiva*, Russia, loc. Khabarovsk, 300 m., 5.09.2005, ex coll. Korolev V.A., № P00536;
2005. ♂, *gen. aestiva*, Russia, loc. Khabarovsk, 300 m., 5.09.2005, ex coll. Korolev V.A., № P00537.

Russia, Primor'ie Territory

2006. ♂, *gen. aestiva*, Приморье, Сихоте-Алинь, окр. Дальнегорска (Тетюхе). 16-20.07.2011. leg. Бережной Ю.И. [Primor'ie, Sikhote-Alin Mts., loc. Dalnegorsk-city (Tetukhe). 16-20.07.2011. Berezhnoi Yu.I. leg.] (Ex coll. Korolev V.A., № P01058).

Subgenus *Pterourus* Scopoli, 1777

Papilio (Pterourus) canadensis Rothschild & Jordan, 1906

Original description: *Papilio glaucus canadensis* Rothschild & Jordan, 1906; Novit. Zool. 13 (3): 586.

Papilio (Pterourus) canadensis canadensis Rothschild & Jordan, 1906

Type locality: "Newfoundland", Canada.

Canada, Quebec prov.

2007. (Table XX, 2007) ♂, *Papilio canadensis*, Canada, Quebec, Kuskulle AACCS, 10.06.2011. A.Destarnins leg. / Ex coll. Korolev V.A., № P01127;
2008. ♀, *Papilio canadensis*, Canada, Quebec, Kuskulle AACCS, 7.06.2011. A.Destarnins leg. / Ex coll. Korolev V.A., № P01122.



2008

2010

2011

2012

Canada, Ontario prov.

2009. ♂, «*Papilio canadensis* ♂»/ CANADA, Ontario, Miners Bay. Ex pupae. 16.05.2008. Ex coll. Korolev V.A., № P01177.

Canada, British Columbia prov.

2010. ♂, Canada, British Columbia, 25.06.1999. Fernando A.E. leg.; Ex coll. Korolev V.A., № P01132.

Canada, Alberta prov.

2011. ♂, Canada, Alberta, near Chain, Lakes, km 10, HWY 532. 13.06.2009. Fernando A.E. leg. (Ex coll. Korolev V.A., № P01133);

2012. ♀, Canada, Alberta, loc. Calgary. 28.06.1999. Fernando A.E. leg. (Ex coll. Korolev V.A., № P01134).

***Papilio (Pterourus) rutulus* Lucas, 1852**

Original description: *Papilio rutulus* Lucas, 1852; Revue Mag. Zool. (2) 4 (3): 138

USA, Idaho

2013. (Table XX, 2013) ♂, *Papilio rutulus*, USA, Idaho, Kendrick, 6.11.2009. Ex coll. Korolev V.A., № P01128.

USA, California



2014. ♂, «*Papilio rutulus* ♂» / USA, California, LA Co, San Gabriel Mtns, 15.05.2009. Leg. K.Thorne; Ex coll. Korolev V.A., № P01179.

***Papilio (Pterourus) troilus* Linnaeus, 1758**

Original description: *Papilio troilus* Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 459,

Papilio (Pterourus) troilus troilus Linnaeus, 1758

Type locality: South California, USA.

USA, Texas

2015. (Table XX, 2015) ♂, *Papilio troilus*, USA, Texas, Whitehouse, [GPS:] N 32°13'24'', W 95°13'3''; 8.07.2011. Ex coll. Korolev V.A., № P01123;

2016. (Table XX, 2016) ♀, *Papilio troilus*, USA, Texas, Whitehouse, Ex pupa. 10.07.2011. Ex coll. Korolev V.A., № P01124.

***Papilio (Pterourus) alexiaries* Hopffer, 1886**

Original description: *Papilio alexiaries* Hopffer, 1866; Stettin ent. Ztg 27 (1-3): 31.

Papilio (Pterourus) alexiaries garcia Rothschild & Jordan, 1906

Type locality: Mexico, Nuevo León

USA, Texas:

2017. (Table XX, 2017) ♂, USA, Texas, Whitehouse, [GPS:] N 32°13'24'', W 95°13'3''; 5-8.07.2011. Ex coll. Korolev V.A., № P01125.

***Papilio (Pterourus) glaucus* Linnaeus, 1758**

Original description: *Papilio glaucus* Linnaeus, 1758; Syst. Nat. (Edn 10) 1: 460, no. 9.

Papilio (Pterourus) glaucus glaucus Linnaeus, 1758

Type locality: “N.Amer.” (North America).

USA, Texas

2018. (Table XX, 2018) ♀, *Papilio glaucus*, USA, Texas, Whitehouse, N 32°13'24", W 95°13'3"; 10.07.2011. Ex coll. Korolev V.A., № P01126.

USA, Georgia

2019. (Table XX, 2019) *Sammer form* ♂, «*Papilio glaucus glaucus* (Summer f.) ♂» / USA, Georgia, Oglethorpe Co, 14.07.2009. Ex coll. Korolev V.A., № P01178.

Papilio (Pterourus) eurymedon Lucas, 1852

Original description: *Papilio eurymedon* Lucas, 1852 (1805), Revue Mag. Zool. 2(4)(3): 140-141.

Papilio (Pterourus) eurymedon eurymedon Lucas, 1852

Type locality: “en Californie”, (California, USA). According to Emmel et al. (1998) TL designated as “vicinity of Queen Lily Campground, near Belden, North Fork Feather River, 2400', Plumas County, California” (Emmel J. et al., 1998, Syst. W. N. Am. Butts. 3:78).

USA, California

2020. (Table XX, 2020) *Topotypus* ♂, USA, California, Yosemite. 15.07.2009. Ex coll. Korolev V.A., № P01474.

USA, Idaho

2021. ♂, «*Papilio eurymedon* ♂» / USA, Idaho, Troy. 14.06.2005. Ex coll. Korolev V.A., № P01182.

Papilio (Pterourus) euterpinus Godman & Salvin, 1868

Original description: *Papilio euterpinus* Salvin & Godman, 1868; Ann. Mag. nat. Hist. (4) 2 (8): 150

Type locality: Guadalquiza, Ecuador.

Peru

2022. (Table XX, 2022) ♂, Peru, Loreto, Momon river. 10-10-15.02.2009. Ex coll. Korolev V.A., № P00922.

Papilio (Pterourus) menatius Hübner, 1819

Original description: *Calaides menatius* Hübner, [1819]; Verz. bek. Schmett. (6):86 (repl. name),.

Papilio (Pterourus) menatius eurotas (C. & R. Felder, 1862)

Type locality: "Rio Negro" [Peru, San Martin].

Peru

2023. (Table XX, 2023) ♂, Peru, Tingo Maria, 6.11.2006. Ex coll. Korolev V.A., № P00658;

2024. ♂, Peru, Tingo Maria, 650 m, 10-15.05.2006. Ex coll. Korolev V.A., № P00659.

***Papilio (Pterourus) palamedes* Drury, 1773**

Original description: *Papilio palamedes* Drury, [1770]; Illust. Nat. Hist. Exot. Insects 1 : 37, pl. 19, f. 1-2

***Papilio (Pterourus) palamedes palamedes* Drury, 1773**

Type locality: "Carolina" (USA).

USA, California

2025. (Table XX, 2025) ♂, «*Papilio palamedes* ♂» / USA, South Carolina, Aiken Co, 14.07.2008. Ex coll. Korolev V.A., № P01181.

***Papilio (Pterourus) warscewiczii* Hopffer, 1886**

Original description: *Papilio warscewiczii* Hopffer, 1866; Stettin ent. Ztg 27 (1-3):29.

***Papilio (Pterourus) warscewiczii mercedes* (Rotschild & Jordan, 1906)**

Type locality: "Peru" (East Peru).

Peru

2026. (Table XX, 2026) ♂, Peru, Prov. Rioja, 12.03.2010. Ex coll. Korolev V.A., № P00991.

***Papilio (Pterourus) garamas* Geyer, 1829**

Original description: *Euphoades garamas* Geyer, [1829]; in Hübner, Samml. exot. Schmett. 3 : pl. [20].

***Papilio (Pterourus) garamas garamas* Geyer, 1829**

Type locality: "Mexico".

Mexico

2027. (Table XX, 2027) ♂, «*Papilio garamas garamas*» / Mexico, La Ventana Sinaloa, 1400 m, 27.09.2008. Ex coll. Korolev V.A., № P01315.

***Papilio (Pterourus) zagreus* Doubleday, 1847**

Original description: *Papilio zagreus* Doubleday, 1847; Ann. Mag. nat. Hist. (1)19 (125): 174.

***Papilio (Pterourus) zagreus chrysoxanthus* (Fruhstorfer, 1915)**

Type locality: “Peru”.

Peru

2028. (Table XX, 2028) ♂, Peru, Tingo Maria, 15.11.2006. Ex coll. Korolev V.A., № P00670.

***Papilio (Pterourus) bachus* Felder & Felder, 1865**

Original description: *Papilio bachus* C. & R. Felder, 1865; Reise Fregatte Novara, Bd 2 (Abth. 2) (1): 80, pl. 14, f. a-b, TL: Colombia, Bogotá.

***Papilio (Pterourus) bachus chrysomelus* Rothschild & Jordan, 1906**

Type locality: Peru, Bolivia.

Synonyms: *Papilio bachus chrysomelus* ab. *clarius* Krüger, 1929; Int. ent. Z. 22 : 376, TL: Bolivia.

Peru



2029. ab. *clarius* Krüger, 1929; ♂, “*Papilio bachus chrysomelus*”/ PERU, Huanuco, 21.03.2013. Ex coll. Korolev V.A., № P01825.

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Table I

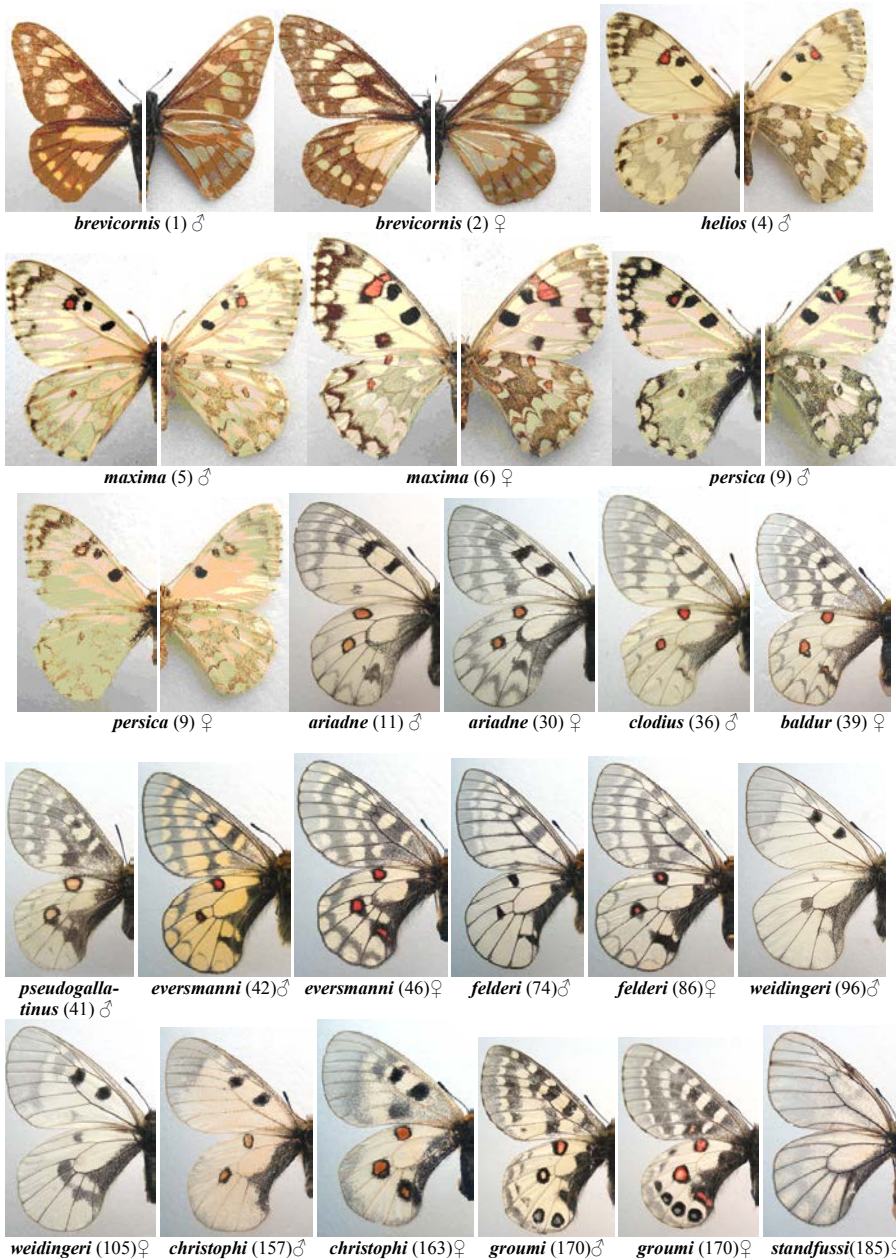
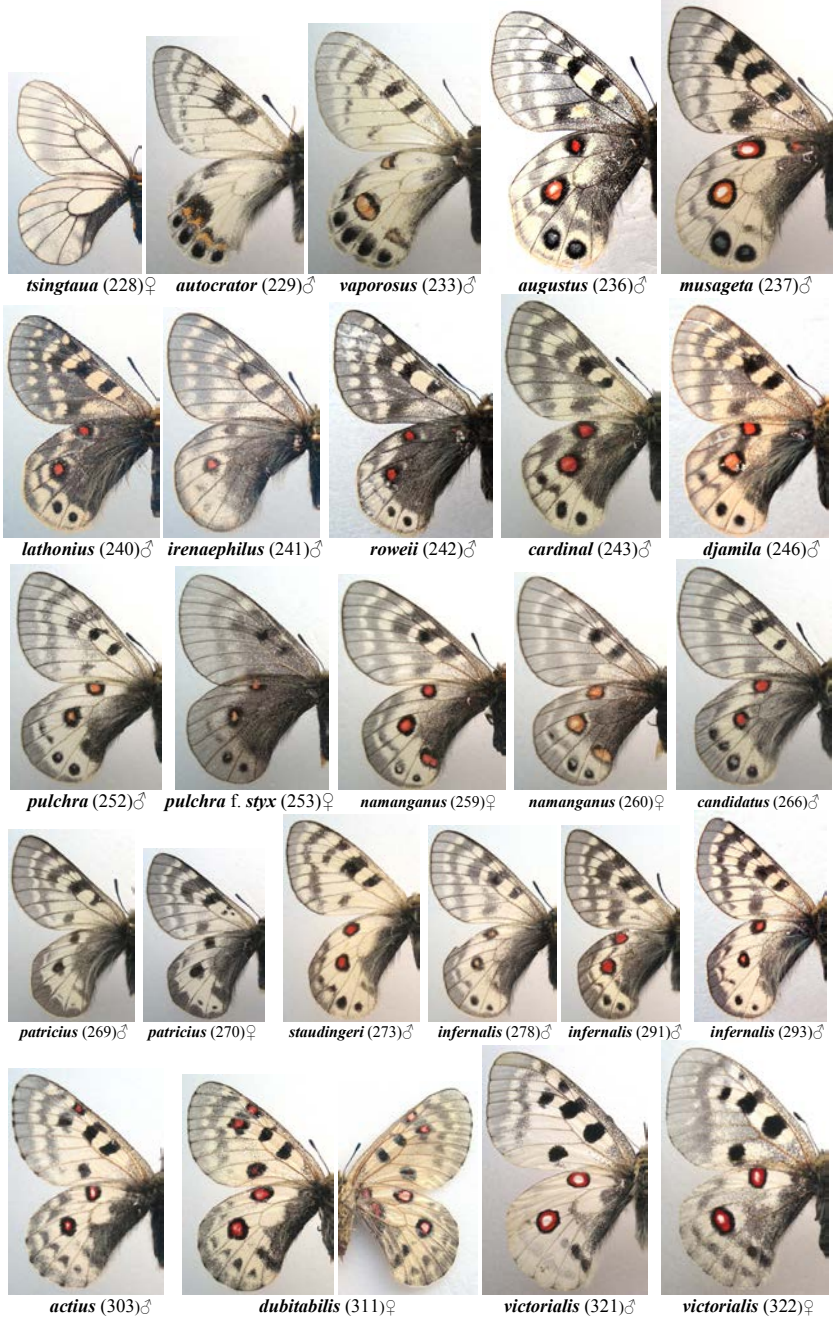


Table II



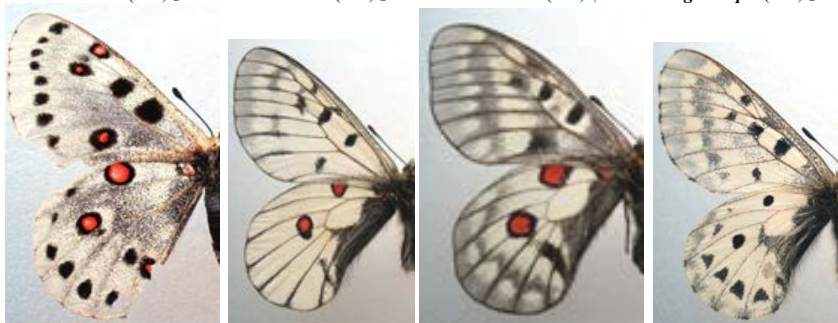
*democratus* (326) ♂*limicola* (341) ♂*limicola* (341) ♀*glaucopsis* (381) ♂*poseidon* (389) ♀*bremeri* (394) ♂*bremeri* (399) ♀*nanshanicus* (415) ♂*hasegawai* (417) ♂*alburnus* (418) ♂*variabilis* (421) ♀*nomion* (440) ♂*korshunovi* (452) ♀*phoebus* (459) ♂*phoebus* (471) ♀*tessinorum* (515) ♂*smintheus* (518) ♂

Table IV



tianschanicus (526)♂ *tianschanicus* (527)♀ *tenedius* (599)♂ *britae* (605)♀ *mirabilis* (611)♂



mirabilis (613)♀ *micheli* (623)♂ *germanae* (624)♂ *apollinus* (630)♂ *apollinus* (630)♀



bellargus (632)♂ *bellargus* (633)♀ *apollinaris* (637)♂ *apollinaris* (638)♀ *puziloi* (639)♂ *puziloi* (640)♀



taibai (642)♂ *chinensis* (643)♂ *japonica* (644)♂ *cerisyi* (662)♂ *cerisyi* (663)♀ *caucasica* (668)♂



caucasica (669)♀ *louristana* (674)♂ *polyxena* (675)♂ *polyxena* (675)♀ *andalusiana* (741)♂

Table V



deileon (780)♂

serville (781)♂

columbus (787)♂

agesilaus (788)♂

asius (796)♂

diores (797)♂



leucasps (799)♂

thyastinus (801)♂

marcellus (802)♂

archesilaus (804)♂

aguiari (805)♂

stenodesmus (806)♂



telesilaus (807)♂

feisthameli (856)♂

parus (858)♂

agesilaus (885)♂

iponus (892)♂

pompilius (899)♂



aristeus (911)♂

decolor (916)♂

swinhoi (920)♂

rhesus (931)♂

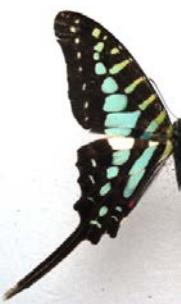
antheus (937)♂

latepictus (939)♂

Table VI



evombar (940)♂



polycenes (941)♂



kirbyi (946)♂



loncona (947)♂



porthaon (949)♂



angolanus (950)♂



ridleyanus (954)♂



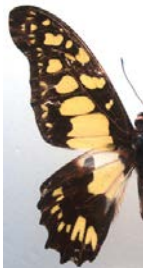
semivitreus (957)♂



leonidas (959)♂



nuseyrus (962)♂



ridleyanus (964)♂



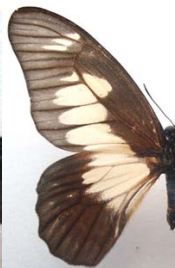
theorini (965)♂



adamastor (966)♂



agamedes (967)♂



schubotzi (969)♂



moebii (974)♂



agamemnon (975)♂



exilis (986)♂



perinthus (994)♂



bathycloides (996)♂

Table VII



chironides (1008)♂ *axion* (1023)♂ *eurypylyus* (1034)♂ *eventus* (1043)♂ *leechi* (1059)♂



meyeri (1060)♂ *milon* (1063)♂ *monticolus* (1073)♂ *sarpedon* (1076)♂ *cloanthus* (1106)♂ *sandawanum* (1114)♂



weiskei (1115)♂ *stresemanni* (1118)♂ *codrus* (1119)♂ *empedovana* (1121)♂ *encelades* (1123)♂ *palawanus* (1124)♂



palawanicola (1125)♂ *deucalion* (1126)♂ *megera* (1127)♂ *marthae* (1128)♂ *pendleburyi* (1129)♂ *stratocles* (1132)♂

Table VIII



kephisos (1136)♂

thule (1138)♂

ciminus (1139)♂

sciron (1140)♂

aribbas (1143)♂



gayi (1144)♂

rurik (1146)♂

pausanias (1147)♂

signatus (1153)♂

xynias (1163)♂



behludini (1166)♂

varus (1174)♂

copanae (1177)♂

crassus (1178)♂

ingenuus (1180)♂



lycidas (1181)♂

philenor (1182)♂

philenor (1183)♀

chlorodamas (1185)♂

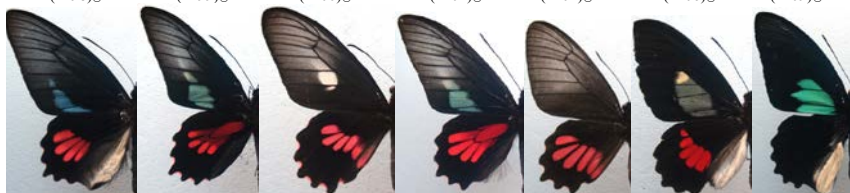
polydamas (1194)♂

agavus (1197)♂

Table IX



damocrates (1198)♂ *perrhebus* (1199)♂ *montezuma* (1200)♂ *photinus* (1201)♂ *xanthias* (1202)♂ *polyzelus* (1206)♂ *mylotes* (1209)♂



brissonius (1210)♂ *anaximenes* (1213)♂ *eurybates* (1214)♀ *olivencius* (1215)♂ *olivencius* (1218)♀ *lycimenes* (1226)♂ *sesostris* (1227)♂



autumnus (1234)♂ *bolivar* (1236)♂ *bolivar* (1237)♀ *chabrias* (1238)♂ *chabrias* (1239)♀ *pizarro* (1240)♂ *pizarro* (1241)♀ *spoliatus* (1242)♂



antenor (1243)♂ *mansonensis* (1247)♂ *adamsoni* (1248)♂ *polyeuctes* (1249)♂ *lama* (1252)♂



barata (1254)♂ *aidoneus* (1255)♂ *dixoni* (1256)♂ *nox* (1257)♂ *nox* (1260)♀ *kuehni* (1262)♂

Table X



priapus (1264)♂

priapus (1265)♀

luchi (1266)♂

albofasciata (1268)♀



supernotatus (1269)♂

varuna (1270)♂

zaleucus (1271)♂

aristolochiae
(1274)♂

interpositus
(1276)♀



goniopeltis
(1286)♀

adamas
(1287)♂

hector
(1293)♂

hector
(1294)♀

philippus
(1295)♂

Table XI



mariae (1300)♂



leytensis (1302)♂



oreon (1303)♂



polydorus (1307)♂



godartianus (1310)♂



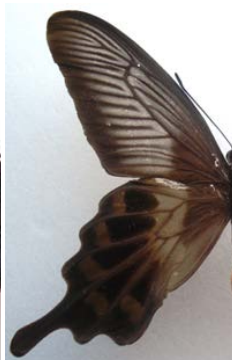
bugius (1311)♂



schadenbergi (1313)♂



liris (1314)♂



pallidus (1316)♀



brookiana (1318)♂



albescens (1320)♀

Table XII



trojana (1322)♂

trojana (1323)♀

hypolitus (1324)♂

hypolitus (1325)♀

aeacus (1330)♂

aeacus (1332)♀



vandepolli (1333)♂

vandepolli (1334)♀

cuneifera (1341)♂

cuneifera (1342)♀

plato (1346)♀

haliphron (1347)♀

Table XIII



purahu (1349)♂

sagittatus (1355)♂

hephaestus (1358)♀

neoris (1361)♀

magellanus (1366)♂

magellanus (1367)♀



papuensis (1372)♀

platani (1375)♂

rhadamantus (1379)♀

dohertyi (1386)♀

chimaera (1391)♂

rothschildi (1393)♂

Table XIV



supremus (1395)♂

samson (1397)♂

misresiana (1400)♂

epiphanyes (1402)♂

reginae (1404)♂

regis (1406)♂



rubianus (1408)♂

lydius (1410)♂

aesacus (1414)♂

priamus (1416)♂

poseidon (1421)♂

urvillianus (1448)♂

*cavaleri* (1455)♂*clytia* (1458)♀*echidna* (1459)♂*palephates* (1460)♂*telearchus* (1462)♂*agestor* (1463)♂*perses* (1468)♂*horatius* (1469)♂*osmana* (1471)♂*veiovicis* (1472)♂*toboroi* (1475)♂*syfanius* (1477)♂*arcturus* (1478)♂*stockleyi* (1483)♂*bianor* (1485)♂*maackii* (1511)♂*blumei* (1535)♂*fruhstorferi* (1538)♂*hermeli* (1542)♂*crino* (1543)♂

Table XVI



daedalus (1544)♂

charlesi (1547)♂

neumoegeni (1548)♂

karna (1549)♂

paris (1554)♂



pericles (1563)♂

peranthus (1564)♂

albertsi (1572)♂

ulysses (1574)♂

telegonus (1577)♂



mackinnoni (1580)♂

mimeticus (1582)♂

nurettini (1586)♂

magdae (1587)♂

epiphorbas (1588)♂



hornimani
(1590)♂

nireus
(1592)♂

oribazus
(1596)♂

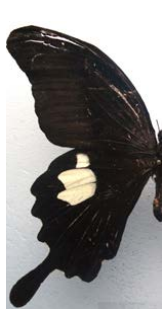
montuosus
(1598)♂

gallienus
(1599)♂

mechowi
(1600)♂

*zalmoxis* (1615)♂*anchisiades*
(1618)♂*chiansiades*
(1625)♂*tingo*
(1632)♂*androgeus*
(1635)♂*epidaurus*
(1637)♂*astyalus*
(1638)♂*crespontes*
(1640)♀*crespontes*
(1641)♂*hectorides*
(1643)♂*cinyras*
(1644)♂*torquatus*
(1651)♂*parcesquamata*
(1653)♂*ascalaphus*
(1656)♂*deiphobus*
(1657)♂*forbesi*
(1660)♂*ormenus*
(1661)♂*obiensis*
(1675)♂*ambrax* f. *lutosa*
(1677)♂*euchenor*
(1691)*demolion*
(1702)♂

Table XVIII



helenus (1709)♂



lowii (1738)♂



lowii (1740)f.♀



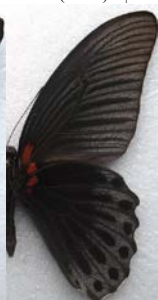
memnon (1743)♂



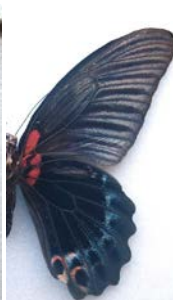
memnon (1748)♀



agenor (1751)♂



anceus (1756)♂



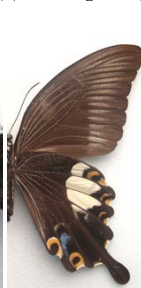
heronus (1757)♂



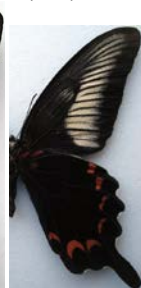
chaonidis (1765)♀



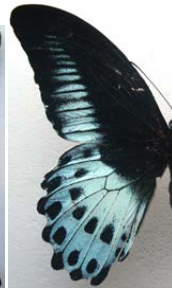
satespes (1771)♀



thaiwanus
(1773)♂



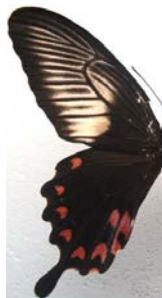
oenomaus
(1774)♂



polynnestor
(1775)♂



romulus
(1791)♂



romulus (1795)f.♀



romulus (1798)♀



pasikrates (1806)♂



pasikrates (1807)♀



euprotenor (1809)♂

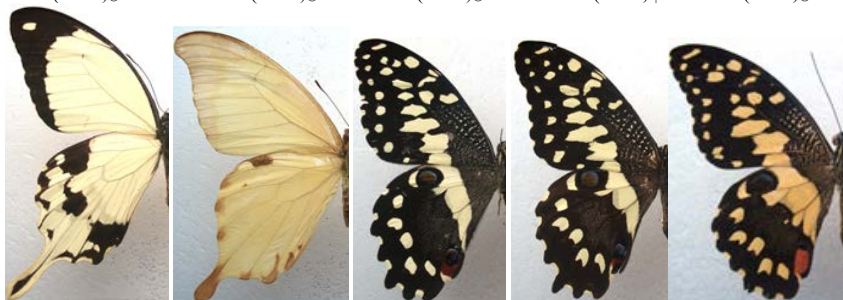
*amauro* (1818)♂*rumanzovia* (1820)♂*semperinus* (1824)f.♀*orientalis* (1830)♂*coloro* (1834)♂*asterius* (1837)♂*asterius* (1839)♀*joanae* (1840)♂*zelicaon*
(1841)♂*machaon*
(1854)♂*ussuriensis*
(1902)♂*septentrionalis*
(1913)♀*venchuanus*
(1922)♂*dardanus*
(1926)♂*nobilis*
(1935)♂*demodocus*
(1936)♂*erithonioides*
(1939)♂*demoleus*
(1940)♂

Table XX



delalandei
(1960)♂

hesperus
(1961)♂

constantinus
(1964)♂

lormieri
(1965)♂

ophidicephalus
(1966)♂

mangoura
(1968)♂



congoanus
(1972)♂

benguetana
(1975)♂

xuthus
(1994)♂

canadensis
(2007)♂

rutulus
(2013)♂

troilus
(2015)♂



troilus
(2016)♀

garcia
(2017)♂

glaucus
(2018)♀

glaucus
(2019)♀♂

eurymedon
(2020)♂

euterpinus
(2022)♂



eurotas
(2023)♂

palamedes
(2025)♂

mercedes
(2026)♂

garamas
(2027)♂

chrysoxanthus
(2028)♂

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