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# NEUE ENTOMOLOGISCHE NACHRICHTEN



aus dem Entomologischen Museum  
Dr. Ulf Eitschberger

Beiträge zur Ökologie, Faunistik  
und Systematik von Lepidopteren

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ZSOLT BÁLINT

Annotated list of type specimens  
of *Polyommatus* sensu ELIOT  
of the Natural History Museum, London  
(Lepidoptera, Lycaenidae)

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Seit Christus. Werden Träume. Fallen wie Irrtum,  
Auf das Herz und tötend, wenn nicht einer  
Erwäget, was sie sind, und begreift.“*

F. HÖLDERLIN, Patmos, Vorstufe einer späteren Fassung (1803)

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## Synopsis

A detailed list is given of the type material of 326 nominal taxa of *Polyommatus* LATREILLE (sensu ELIOT) represented in the collection of the Natural History Museum, London. 190 lectotypes are newly designated, 21 names have been synonymized and one replacement name is proposed.

## Introduction

The name *Polyommatus* is used in the title as well as throughout the introduction in the sense of ELIOT, who grouped 33 valid generic names in his *Polyommatus* Section (ELIOT, 1973: 449–450). There is no doubt that ELIOT's classification in this respect was solely based on the paper of NABOKOV (1945: 47–48), because NABOKOV's Plebejinae contained exactly the same genera. But NABOKOV's Plebejinae as well as ELIOT's *Polyommatus* Section is not a natural entity. This has been already discovered and reflected in the literature (e.g. MILLER & BROWN, 1981: 114). However most of the workers followed the classification of ELIOT (e.g. HOWE, 1975: 321–323 and 337–350; SCOTT, 1986: 407–416), because the polyphyly was not convincingly demonstrated.



# Annotated list of type specimens of *Polyommatus* sensu ELIOT of the Natural History Museum, London

(Lepidoptera, Lycaenidae)

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## Introduction

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Two of my recent publications deal with this problem, reforming the *Polyommatus* genus group (= *Polyommatus* Section sensu ELIOT) and clarifying the relationships with taxa to be excluded from the original Eliotian section (BÁLINT & JONSON, 1995c: 5, 24–26, 220 and BÁLINT & JOHNSON, 1997). Thus the *Polyommatus* genus group is now divided into 16 genera of four genus groups (Table 1.).

**Table 1:**

“*Polyommatus* Section” genera and their recent groupings according to BÁLINT & JOHNSON (1997).

<i>Cyclargus</i> Genus Group	<i>Itylos</i> Genus Group	<i>Nabokovia</i> Genus Group	<i>Polyommatus</i> Genus Group
<i>Cyclargus</i> <i>Pseudochrysops</i> <i>Eldoradina</i>	<i>Hemiargus</i> <i>Itylos</i>	<i>Echinargus</i> <i>Nabokovia</i>	<i>Pseudolucia</i> <i>Aricia</i> <i>Madeleinea</i> <i>Chilades</i> <i>Plebejus</i> <i>Paralycæides</i> <i>Agriades</i> <i>Polyommatus</i> <i>Albulina</i>

*Polyommatus* lycaenids, the Blue Butterflies, are important members of temperate and high altitude Rhopalocera. But in contrast to the temperate regions of the New World (North America and Chile-Argentina)—where the presence of lycaenid tribes Eumaeini and Polyommadini is more or less balanced according to their percentage in the fauna as a whole—the lycaenid fauna of the western part of the Old World (Palearctic region) is overwhelmed by blue butterflies. Thus *Polyommatus* had for long been favoured with the attentions of lepidopterists because a substantial part of new material they received for study were actually Blues. Therefore classical authors as well as contemporary lepidopterists named many polyommatus; consequently significant type material of blue butterflies can be found in the Natural History Museum (BMNH) (see Table 2.).

Very recently, an extensive catalogue of the family Lycaenidae of the world was published (BRIDGES, 1988, revised and extended edition 1994). This volume holds enormous bibliographic information of the whole family, but references to primary type-materials (see BRIDGES, 1988, Part III, and BRIDGES, 1994, part X) are scarce and in many cases are not correct. That is one of the reasons why I decided to locate, and label carefully, historical specimens in the BMNH, and database them.

My other reason originates from the fact, that as a curator of butterflies of the Hungarian Natural History Museum, Budapest (HNHM)—having the task of compiling the catalogue of our classical collections of lepidopterists TOBIAS KOY (1776–1842), EMERICUS FRIVALDSZKY (1799–1870), FERDINAND OCHSENHEIMER (1765–1822) and FRIEDRICH TREITSCHKE (1776–1842)—I was faced several times with the bitter experience that specimens with historical importance but without “warning” labels can be easily lost or exchanged during the course of times. But this was a general trend before the worldwide acceptance of type-concept. I also discovered this phenomenon in London: I could locate in the BMNH only a single specimen of “*Polyommatus*” originating from the FRIVALDSZKY collection in spite of the fact that GRAY listed 16 specimens—15 of them were actually syntypes (GRAY, 1847: 47–50).

And last but not least, and it is also worth mentioning that this catalogue has arisen from my project to compile the “iconcographia” of world-wide polyommatus lycaenids, for which I need to study and catalogue primary type materials.

The present work lists the “*Polyommatus*” type material of BMNH can be found in the general collection (drawers 29A: 606–928) and its supplementary parts (the Lycaenid Reference Collection and the historical Type Collection). Accordingly, other parts of the collection managed separately remained to be studied in the respect of *Polyommatus* types or papers, already published, have to be consulted (e. g. SMITH, 1988).

**Table 2:** List of authors with number of their taxa involved. The entire or the bulk or important part of the lycaenid material of the authors indicated by an asterisk (\*) are deposited in the BMNH.

AGENJO: 1	HORSFIELD (*): 1
ALLARD: 1	HOWARTH & POVOLNY (*): 1
BÁLINT: 14	JUNGE: 1
BÁLINT & JOHNSON: 3	LANG (*): 3
BALLETTO: 3	LARSEN: 3
BALOGH: 1	LE CERF: 1
BATH (*): 1	LEDERER: 1
BARTLETT-CALVERT: 1	LEECH (*): 1
BELLIER: 1	MOORE (*): 12
BENYAMINI, BÁLINT & JOHNSON: 3	MURAYAMA: 1
BETHUNE-BAKER: 2	NABOKOV: 1
BOISDUVAL (*): 7	OBERTHÜR (*): 20
BROWN: 1	OORSCHOT, VAN DEN BINK & SCHURIAN: 1
BUTLER (*): 10	PFEIFFER: 3
BUTLER & DRUCE (*): 1	REBEL: 1
CANTENER: 1	RILEY (*): 6
CHAPMAN (*): 6	ROTHSCHILD (*): 1
CHRISTOPH (*): 7	SAKAI: 2
D'ABRERA (*): 1	SCHAUS: 1
DOGNIN: 3	SCHURIAN & HOFMANN: 1
DOS PASSOS: 2	SCHURIAN & HÄUSER: 2
DRUCE (*): 1	SHARPE (*): 1
ELWES (*): 8	SHIROZU & SIBITANI: 1
EVANS (*): 24	SOVINSKY: 1
FAWCETT (*): 3	STAUDINGER: 17
FELDER & FELDER (*): 5	SWINHOE (*): 6
FORSTER: 7	SZABÓ: 1
FREY (*): 1	TENNENT: 2
FREYER (*): 5	TUTT (*): 13
FRIVALDSZKY: 1	TÝTLER (*): 10
FRUHSTORFER (*): 7	VERITY: 5
GRAVES (*): 3	WATKINS (*): 1
GROSE-SMITH (*): 2	WESTWOOD (*): 1
GRUM-GRSHIMAILO (*): 30	ZELLER (*): 5
HEMMING (*): 10	ZERNY: 1
HEWITSON (*): 1	ZÜLLICH: 1

This paper follows the traditional format of BMNH Bulletin type-material lists (cf. ACKERY, 1973; ACKERY & SMILES, 1976; HOWARTH, 1977). Genus group and species group taxa are listed alphabetically, with reference to original description, together with original status and combination. The original data of holotype, lectotype and neotype specimens are given directly from the labels. The diagonal stroke ("/") indicates the extent of each label. In the case of paratypes and syntypes, only the source (collector, collection or bequest) and the origin of the specimen (country in capitals, with collecting locality in parentheses) are given. In the case of almost all specimens the BMNH(E) # indicates an individual number of the specimen referring to the data-base of the museum, from which all the historical and curatorial data of the specimen in question can be downloaded according to this reference number (## 263941–265846)<sup>1</sup>.

1 BMNH(E) ## starting with 140 were databased by someone else.

The current status and combination, taken from BRIDGES (1994), is noted where it differs from the original status and combination. However in the case of taxa traditionally placed in subgenus "*Agrodiaetus*" the current status and combination reflects the most recent opinion of ECKWEILER & HÄUSER (1997), which, in many cases, differs from that of the BRIDGES catalogue. A reference is given to any previously published lectotype designation and neotype selection.

Lectotypes are designated and indicated with capitals (= LECTOTYPE) for taxa described by authors whose entire material, or its most important part, is deposited in the BMNH (see Table 2). Additionally, lectotypes are designated for two STAUDINGER taxa (the STAUDINGER collection is in Berlin), for one ZERNY taxon (the ZERNY collection is in Munich) from the BMNH material and for one DEMAISON taxon from material examined in Paris, what seems to be necessary for taxonomic purposes. For lectotype selection, specimens are preferred, which have been previously figured in the original descriptions (e. g. typical case for OBERTHÜR and SWINHOE taxa) or very recently in the books of D'ABRERA (1980, 1993 and 1995). These lectotype designations are necessary, because most of the status and combination taken from the BRIDGES catalogue are based on the study of the literature and not on the study of the type specimens. According to my opinion, all synonymization should be supported by primary type material comparison. Thus the lectotype designations of the present paper are the confirmations of many traditional synonyms. When comparison of lectotypes or holotypes suggests evidence of new synonymy or combination, it is formalised after the lectotype designation. No list of synonyms is given, because this can be easily taken from the BRIDGES catalogues.

With this publication, at least one part of the lycaenid collection of the BMNH is now well documented, giving a better groundwork for taxonomists at the beginning of the third millennium. I hope that this project can be continued in the next century, resulting in a fully catalogued BMNH lycaenid collection.

## A list of the type specimens of *Polyommatus* sensu ELIOT in the Natural History Museum

### *Cyclargus* Genus Group

***cincinnatus*** BÁLINT & JOHNSON, 1993: 2 (as species of *Polytheclus*). Holotype, male. Chosica, W. Peru, 2000, A. M. MOSS / ROTHSCHILD Bequest, B.M. 1939-1. / BMNH(E) # 265561. 1 male paratype: leg. Moss, PERU (Chosica); BMNH(E) # 265562.

Currently placed as objective synonym of *Elodardina cyanea* (BALLETO) (BRIDGES, 1994: VIII.106; IX.36). Both specimens are figured by D'ABRERA (1995: 1254, holotype as "? Gen. ? sp. male R", paratype as "? Gen. ? sp. male V").

***cyanea*** BALLETO, 1993: 242 (as species of *Nabokovia* [*Eldoradina*]). Holotype, male. Chosica, W. Peru, 2000, A. M. MOSS / ROTHSCHILD Bequest, B.M. 1939-1. / BMNH(E) # 265561. 1 male paratype: leg. Moss, PERU (Chosica); BMNH(E) # 265562.

Currently placed as species of *Eldoradina* (BRIDGES, 1994: VIII.127; IX: 36).

Primary type material of *cyanea* BALLETO and *cincinnatus* BÁLINT & JOHNSON is identical, thus they are objective synonyms. The description of BALLETO's taxon was published 28 days earlier, consequently *cyanea* is senior objective synonym of *cincinnatus* (BÁLINT, 1995b: 3).

***erembis*** NABOKOV, 1948: 273 (as species of *Cyclargus*). Holotype, male. Little Cayman, West end of S. W. Point area, 29.V.1938. / 17.IV–26.VIII.1938. Oxf. Un. Cayman Is. Biol. Exped., coll. by C. B. LEWIS, G. H. THOMPSON / B.M. 1948-198. / BMNH(E) # 265593.

Currently placed as species of *Cyclargus* (BRIDGES, 1994: VIII.160; IX.30).

**Itylos Genus Group**

**fumosus** BALLETO, 1993: 234 (as species of *Ityloides*). Holotype, male. Paramo Corongo, Peru, 3600–4000 m, 30.XI.'99., dry seas. (SIMONS) / ROTHSCHILD Bequest, B.M. 1939-1. / BMNH(E) # 265552. 1 male paratype: leg. SIMONS, PERU (Corongo); BMNH(E) # 265553.

Currently placed as species of *Itylos* (BRIDGES, 1994: VIII.185; IX.57).

The paratype specimen is figured by D'ABRERA (1995: 1255 as "*I. fumosus* male V").

**luzhin** BÁLINT, 1993: 13, pl. 3a, figs 3–4 (as species of *Itylos*). Holotype, male. Paramo Corongo, Peru, 3600–4000 m, 30.XI.'99., dry seas. (SIMONS) / ROTHSCHILD Bequest, B.M. 1939-1. / BMNH(E) # 265552. 2 male paratypes: leg. SIMONS, PERU (Corongo); BMNH(E) ## 265553, 265554.

Currently placed as subjective synonym of *Itylos fumosus* (BALLETO) (BRIDGES, 1994: VIII.270; IX.57).

The original description of *Ityloides fumosus* BALLETO, 1993 and *Itylos luzhin* BÁLINT, 1993 is based on the same material, thus *Itylos luzhin* is junior objective synonym of BALLETO's *fumosus* (BÁLINT, 1995b: 3). The holotype specimen is figured by D'ABRERA (1995: 1255 as "*I. fumosus* male V").

**mashenka** BÁLINT, 1993: 27, pl. 4a, fig. 68 (as species of *Madeleinea*). Holotype, male. Tarma–Oroya / G. T. B. BAKER Coll., Brit. Mus. 1927-360. / BMNH(E) # 265550.

Currently placed as species of *Madeleinea* (BRIDGES, 1994: VIII.286; IX.72).

The abdomen of the holotype specimen was lost. BÁLINT & LAMAS (1996: 141) described the configurations of the male genital organ. The male genital structures obviously showed that the taxon had to be transferred to the genus *Itylos*.

**pnin** BÁLINT, 1993: 13, pl. 3a, fig. 5 (as species of *Itylos*). Holotype, male. Lima to Chosica (A. M. Moss) / ROTHSCHILD Bequest, B.M. 1939-1. / BMNH(E) # 265551.

Currently placed as species of *Itylos* (BRIDGES, 1994: VIII.376; IX.57).

**ramon** DOGNIN, 1887: 23, pl. 2, fig. 5 (as species of *Lycaena*). Lectotype, male. Loja, Equateur, février 86 / ex coll. DOGNIN 1921 / BMNH(E) # 265594. 2 male paralectotypes: leg. DOGNIN, ECUADOR (Loja); BMNH(E) # 265595–265596. (Colour plate I, figs 8–11)

Currently placed as species of *Hemiargus* (BRIDGES, 1994: VIII.396; IX.49).

Lectotype designated by BÁLINT (1993: 14).

**zachaeina** BUTLER & DRUCE, 1872: 104 (as species of *Lampides*). LECTOTYPE, male. Costa Rica, VAN PATTEN, DRUCE Coll. / GODMAN-SALVIN, Coll. 1912-23. / BMNH(E) # 265760. 1 female paralectotype: coll. DRUCE, COSTA RICA; BMNH(E) # 265761.

Currently placed as subspecies of *Hemiargus ceraunus* (FABRICIUS) (BRIDGES, 1994: VIII. 498; IX.49).

Described from an unspecified number of male and female specimens from "Cartago", Costa Rica. Thus the "holotype" citation of MILLER & BROWN (1981: 115) for this taxon is erroneous. There is in the BMNH a pair of specimens, one male and one female, which originates from the BUTLER collection and can be considered as a pair of syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype. This female specimen is not conspecific with the lectotype, but representing *Echinargus isola* (REAKIRT, [1867]) (c.f. BETHUNE-BAKER, 1916: 451). This specimen is labelled accordingly.

**Nabokovia Genus Group**

**faga** DOGNIN, 1895: 39 (as species of *Thecla*). Holotype, male. Loja, Equateur, X.94 / J. J. JOICEY Coll., B.M. 1929-435 / BMNH(E) # 265559. (Colour plate I, figs 5–7)

Currently placed as species of *Nabokovia* (BRIDGES, 1994: VIII.172; IX.79).

As *faga* was described on the basis of a single specimen, the lectotype designation of BÁLINT (1993: 28) is invalid.

**martha** DOGNIN, 1887: 24, pl. 2, figs 6 a, b (as species of *Lycaena*). Lectotype, male. Environs de Loja, Equateur, 1886 / Ex Coll. DOGNIN 1921/ BMNH(E) # 265587. 3 male paralectotypes: coll. DOGNIN, ECUADOR (Loja); BMNH(E) ## 265588–265590.

Currently placed as species of *Echinargus* (BRIDGES, 1994: VIII.286; IX.35).

Lectotype designated by BÁLINT (1993: 16).

**nyagora** BOISDUVAL, 1870: 17 (as species of *Lycaena*). LECTOTYPE, male, designated here. Mex. / Ex Museo Dris BOISDUVAL / Ex OBERTHÜR Coll., Brit. Mus. 1927–3. / BMNH(E) # 265591. 1 male paralectotype: coll. BOISDUVAL; BMNH(E) # 265592.

Currently placed as subjective synonym of *Echinargus isola* (REAKIRT) (BRIDGES, 1994: VIII.331; IX.35).

Described from an unspecified number of specimens from "Guatemala". There are in the BMNH two males from the BOISDUVAL collection, which certainly originate from these specimens and can be considered as syntypes with certainty. One of these males, with the red label "Lectotype, male, *Lycaena nyagora* BOISDUVAL, 1870, G. LAMAS des. 1997" hereby designated LECTOTYPE and has been labelled accordingly. The remaining male specimen is similarly designated paralectotype.

The paralectotype bears the following label written by OBERTHÜR: "Boisduval avait joint cet exemplaire à Nyagora, mais il m'a semblé que c'est une espèce distincte". The specimen is conspecific with the lectotype and there is no objective evidence that, it was not regarded by BOISDUVAL as *nyagora*. Therefore I considered this specimen as syntype.

### ***Polyommatus* Genus Group**

**acmon** WESTWOOD, in DOUBLEDAY & HEWITSON, [1852], pl. 76, f. 2 (as species of *Lycaena*). Holotype, male, California 18.106. / BMNH(E) # 265305.

Currently placed as species of *Plebejus* (*Icaricia*) (BRIDGES, 1994: VIII.3; IX.93).

**aegina** GRUM-GRSHIMAILO, 1891: 451 (as species of *Lycaena*). LECTOTYPE, male, designated here. Tien Chan / Boro / 9.8.'89. / Orig. / Coll. Gr.-Gr. / ELWES Coll., 1902-85. / BMNH(E) # 140563. 3 male, 1 female paralectotypes: coll. Grum-Grshimailo, KYRGYZSTAN (Tien-Shan: Boro-Choro); BMNH(E) ## 140553, 140554, 140559, 140560.

Currently placed as junior subjective synonym of *Plebejus* (*Lycaeides*) *argyrognomon* (BERGSTRÄSSER) (BRIDGES, 1994: VIII.6; IX. 94).

Described from a series of specimens from the Tien-Shan mountains. There are in the BMNH four males and one female, which certainly originate from this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remainders of the series are similarly designated paralectotypes.

The taxon is identical with *Plebejus naruenta* COURVOISIER, 1913 (recently discussed by BÁLINT & JOHNSON, 1997: 15), because I could not find any diagnostic character to distinguish them. Accordingly *Aegina* takes priority over *naruenta*, thus *Plebejus aegina* (GRUM-GRSHIMAILO, 1891) is senior synonym. Consequently *Lycaena aegina* GRUM-GRSHIMAILO, 1891 = *Lycaena argus naruenta* COURVOISIER, 1913, **syn. nov.**

In a very recent publication KOÇAK (1998a: 3) stated that the name *naruenta* COURVOISIER is not valid under the code, because it was proposed as an infrasubspecific name. The original combination reads as follows: "*Argus* SCHIFF. (*Argyrognomon* BGSTR.) f. *naruenta* m." (COURVOISIER, 1913: 189) indicating that it is the geographical form of "*argus* SCHIFF." of the Naryn region (type locality: "Narün"). Thus the name is available according to the Code Art. 46/f/ii and g.

**aestiva** ZELLER, 1847b: 155 (as variation of *Lycaena agestis*). LECTOTYPE, male, designated here. Aetna, 30.6.'44. / ZELL. Coll., 1884. / BMNH(E) # 265118.

Currently placed as subjective synonym of *Plebejus* (*Aricia*) *calida* (BELLIER DE LA CHAVIGNEIRE) (BRIDGES, 1994: VIII.7; IX.93).

Described from a series of specimens of the spring and the summer generations from Sicily, Italy and Asia Minor. There is in the BMNH a single specimen, which certainly originate from this series. This male specimen is hereby designated LECTOTYPE and has been labelled accordingly.

BRIDGES listed *calida* as a good species, which was very currently placed as subspecies of *Aricia agestis* (DENIS & SCHIFFERMÜLLER) (see LERAUT, 1997: 185).

**aetnaea** ZELLER, 1847b: 147 (as geographic variation of *Lycaena acis*). Holotype, female. *Acis*, var. *aetnaea*, H. 1817, 148. / ZELL. Coll., 1884. / BMNH(E) # 264272.

Currently placed as subjective synonym of *Polyommatus (Cyaniris) semiargus* (ROTTEMBURG) (BRIDGES, 1994: VIII.8; IX.102).

The original description is based on a single specimen.

**afghana** HOWARTH & POVOLNY, 1976: 142 (as subspecies of *Polyommatus loewi*). Holotype, male. Afghanistan, Arbarp, 10 miles W of Kabul, 26.VI.1939., J. L. CHAWORTH, Murters, B.M. 1946-72. / BMNH(E) # 264730. 1 female paratype: leg. CHAWORTH, AFGHANISTAN (Arbarp); BMNH(E) # 264731. Currently placed as subspecies of *Polyommatus (Plebejidea) loewi* (ZELLER) (BRIDGES, 1994: VIII.9; IX.106).

BRIDGES gives the type locality as "Darunta, Afghanistan", which is erroneous according to the data of the holotype published in the original description. The locality Darunta refers to a pair of specimens listed first under the heading of "*Polyommatus loewi afghana* ssp." as part of material deposited in Prague representing the new subspecies, but they were not listed as paratypes. In the paper only paratypes were figured in the second row of Plate 3.

**ahmar** LE CERF, 1928: 117 (as subspecies of *Lycaena escheri*). 1 male, 1 female paratype: leg. DJ. AHMAR, MOROCCO (Moyen Atlas); BMNH(E) ## 264509, 264510.

Currently placed as subspecies of *Polyommatus (Plebicula) escheri* (BRIDGES, 1994: VIII.11; IX.106).

**akbesiana** OBERTHÜR, 1904: 16, Pl. 2, figs 21-22 (as geographic race of *Lycaena zephyrus*). LECTOTYPE, male, designated here. Syrie, Akbés, CH. DELAGRANGE, Été 1890 / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265383. 28 male, 3 female paralectotypes: coll. OBERTHÜR, SYRIA (Akbés); BMNH(E) ## 2655384-265409. (Colour plate III, figs 41-43)

Currently placed as subjective synonym of *Plebejus (Plebejides) pylaon sephyrus* (FRIVALDSZKY VON FRIVALD) (BRIDGES, 1994: VIII.11; IX. 96).

Described from a series of male and female specimens from the surroundings of "Akbés". There are in the BMNH 29 male and 3 female specimens, which certainly originate from this series. One of the males figured by OBERTHÜR (1904, pl. 2, fig. 21) is hereby designated LECTOTYPE and has been labelled accordingly and the remainder of the series are similarly designated paralectotypes.

The correct spelling of the taxon "*sephyrus*" or "*zephyrus*" is *sephirus* and its author EMERICUS FRIVALDSZKY or FRIVALDSZKY IMRE (see BÁLINT, 1992c, fig. 174.).

**alcedo** CHRISTOPH, 1877: 233, pl. 5, figs. 3-4 (as species of *Lycaena*). LECTOTYPE, female, designated here. Ex Coll. CHRISTOPH, Shahkuh, 27.7.'73. / Orig. / ELWES Coll., 1902-85. / BMNH(E) # 264664.

Currently placed as species of *Plebejus (Vacciniina)* (BRIDGES, 1994: VIII.17; IX.96).

Described from an unspecified number of specimens from "Schahkuh" taken in July and also from "Schahrud" (CHRISTOPH, 1877: 234). There is in the BMNH a single female from the CHRISTOPH collection, which certainly originates from these specimens. This female is hereby designated LECTOTYPE and has been labelled accordingly.

**alcestis** ZERNY, 1932: 186 (as subspecies of *Lycaena [Hirsutina] ripperti*). LECTOTYPE, male, designated here. Nd.-Liban., Cedern, b. Becharré, 1900 m, 24-30.VI.31., ZERNY / Brit. Mus., 1935-148. / BMNH(E) # 263947. 1 male and 1 female paralectotypes: leg. ZERNY, LEBANON (Cedern); BMNH(E) ## 265606, 265607.

Currently placed as species in the *admetus*-group of *Polyommatus* (*Agrodiaetus*) (ECKWEILER & HÄUSER, 1997: 128).

Described from a series of specimens from Becharré and Zedern. There are in the BMNH two males and one female, which certainly originate from this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly, and the remainders of the series are similarly designated paralectotypes.

**allardi** OBERTHÜR, 1874: 412 (as species of *Lycaena*). "Lectotype", male. Sebdou, 268, 2.5."81 / Sebdou (Oran), Dr. CODET, 1880–1882 / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265446.

Currently placed as species of *Plebejus* (*Plebejides*) (BRIDGES, 1994: VIII.20, IX.95).

I designated this specimen collected in 1881 as lectotype of the taxon in a revision of North African *Plebejus* (see DE PRINS et al. 1992: 20, fig 22.). The specimen I selected was collected in 1881: thus it does not originate from the series of OBERTHÜR because the description of the taxon was published in 1874 and was based on two male specimens captured in 1870 (OBERTHÜR, 1876: 22). I could not locate these specimens, and they are most probably lost. Accordingly the former lectotype designation of *allardi* is invalid.

**altaegidon** VERITY, 1931: 59 (as geographic race of *Lycaeides argus*). LECTOTYPE, male, designated here. Valais, Route du Simplon, CHARLES OBERTHÜR, 18–23.Juillet, 1902. / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265453.

Currently listed as unavailable, unused name in subjective synonymy of *Plebejus argus* (LINNAEUS) (BRIDGES, 1994: VIII.21).

VERITY introduced his race "*altaegidon*" [of *Lycaeides argus*] as a replacement name for *Lycaena alpina* COURVOISIER, 1911: 92, which he considered to be junior homonym of "*R. [usticus] Argus Alpina*" WHEELER (1903: 42, type locality: Bérisal) (see BEURET, 1961: 331–333, concerning the confusion surrounding the name *alpina*). VERITY presents a short explanation and cites the figures of OBERTHÜR (1910, figs. 257–258) as representatives of this geographical race. The male specimen is in the BMNH, which I considered as syntype. This male is hereby designated LECTOTYPE and has been labelled accordingly.

**altaiana** TUTT, 1909: 270 (as geographic race of *Cyaniris semiargus*). LECTOTYPE, male, designated here. Tien Shan, Yir-Madan, 7.VI.1889, / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 265794. 6 male, 2 female paralectotypes: coll. ELWES, RUSSIA, UZBEKISTAN, ZAJIKISTAN (Arasan, Changai, Chingov Darja, Lajran, Ongodai, Sarykol); BMNH(E) ## 265795–265803.

Currently placed as subspecies of *Polyommatus* (*Cyaniris*) *semiargus* (ROTTEMBURG) (BRIDGES, 1994: VIII.21; IX.102).

Described from two males and one female from "Changai mountains", one male from "Ongodai" (leg. BEREZOWSKY), one female from "Ongodai" (leg. JACOBSON), one male and one female from "Arasan", one male from "Sary Ob", one male from "Yir Madaus", one male from "Lajran" and one male from "Tobi-Alai". I could locate in the BMNH seven males and two females from this material and these specimens can be considered as syntypes with certainty. The male from "Yir Madans" is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**altaica** ELWES, 1899: 327 (as geographic variation of *Lycaena damone*). LECTOTYPE, male, designated here. Ongodai, Altai Mts., 3–5000 feet, 3. July, '98, A. JACOBSON / Ex Coll., H. J. ELWES, 1902-85. / JOICEY Bequest, Brit-Mus., 1934-120. / BMNH(E) # 264252. 12 male, 3 female paralectotypes: various collectors (leg. BEREZOWSKY, JACOBSON, ELWES), RUSSIA (Ongodai); BMNH(E) ## 264253–264267.

Currently placed as subspecies of *Polyommatus* (*Agrodiaetus*) *damone* (EVERSMANN) (ECKWEILER & HÄUSER, 1997: 128).

Described from an unstated number of male and female specimens taken in the valleys "Tchuja" and "Bashkaus" and at Ongodai at 5000–6000 feet. There are in the BMNH 13 males and three females,



which certainly originate from these specimens. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**alticola** CHRISTOPH, 1893: 86 (as geographic variation of *Lycaena coelestina*). LECTOTYPE, male, designated here. Ex Coll. CHRISTOPH, Kasikoparan, 13.6.'87. / ELWES Coll., Brit. Mus. 1902-85. / BMNH(E) # 264468. 2 male, 2 female paralectotypes: coll. ELWES, IRAN (Kasikoparan, Urmus); BMNH(E) ## 264469-264472.

Currently placed as species of *Polyommatus (Neolysandra)* (BRIDGES, 1994: VIII.22; IX.106).

Described from an unspecified number of specimens from "Urmus" and "Kasikoparan". There are in the BMNH three males and two females, which certainly belong to these specimens. One of the males is hereby designated LECTOTYPE and has been labelled accordingly, and the remainders of the series are similarly designated paralectotypes.

**altivagans** FORSTER, 1956: 60, pls 8, 9, figs 21-22. (as species of *Agrodiaetus*). 1 male paratype: leg. SHELJUZKO & PAVLITZKAJA, ARMENIA (Daralagez); BMNH(E) # 265623.

Currently placed as species in the *damon*-group of *Polyommatus (Agrodiaetus)* (ECKWEILER & HÄUSER, 1997: 128).

**amata** GRUM-GRSHIMAILO, 1890: 403 (as geographic variation of *Lycaena amanda*). LECTOTYPE, male, designated here. Baldjouan, 30.V.'85. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 264429. 3 male, 4 female paralectotypes: coll. GRUM-GRSHIMAILO, TAJIKISTAN (Transalai); BMNH(E) ## 264430-264436.

Currently placed as subjective synonym of *Polyommatus (Plebicula) icarius* (ESPER) (BRIDGES, 1994: VIII.23; IX.107).

Described from a series of specimens from the vicinity of "Baldjouan". There are in the BMNH four males and four females, which certainly belong to this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly, and the remainder of the series are similarly designated paralectotypes.

**amor** LANG, 1884: 371 (as geographic variation of *Lycaena eros*). LECTOTYPE, male, designated here. Ex STAUDINGER, coll. GODMAN-SALVIN, / coll. GODMAN-SALVIN 1906-110. / BMNH(E) # 264676.

Currently placed as subjective synonym of *Polyommatus eros* (OCHSENHEIMER) (BRIDGES, 1994: VIII. 25; IX. 98).

Unintended description of a taxon presumed to be published by STAUDINGER. The description is based on an unstated number of specimens collected in Samarkand. There is in the BMNH a single male specimen originating from STAUDINGER, which certainly belongs to these specimens. This male is hereby designated LECTOTYPE and has been labelled accordingly.

The taxon *Papilio eros* OCHSENHEIMER (1808: 42, type locality: Tyrol, Swiss Alps, one male syntype in HHNM is examined) is distributed from the Alps through the Dinaric Range, the Balkans and Anatolia to the Caucasus. It does not occur in Central Asia. Consequently the synonymy cited by BRIDGES is wrong.

**amor** STAUDINGER, 1886: 211 (as geographic variation of *Lycaena eros*). 1 male syntype: ex STAUDINGER, coll. GODMAN-SALVIN, UZBEKISTAN (Samarkand); BMNH(E) # 264676 (= lectotype of *Lycaena amor* LANG).

Currently placed as unused subjective synonym of *Polyommatus venus* (STAUDINGER) (BRIDGES, 1994: VIII.25; IX.99).

**amphirrhoe** OBERTHÜR, 1910: 298, pl. 41, fig. 300 (as species of *Lycaena*). LECTOTYPE, male, designated here. Chasseurs Tibétains de Ta-tsien-Lou, Été 1894, reçu du R. P. DÉJEAN / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265155. 5 male, 2 female paralectotypes: coll. OBERTHÜR, CHINA (Tibet: Ta-tsien-Lou); BMNH(E) ## 265156-265162.

Currently placed as species in *Polyommatus (Albulina)* (BRIDGES, 1994: VIII.26; IX.101).

OBERTHÜR based his description on 17 specimens taken in "Ta-tsein-lou". 5 males and 2 females of the original series can be found in the BMNH. The male figured by OBERTHÜR (1910, pl. 41, fig. 300) is hereby designated LECTOTYPE and the remainders of the series are similarly designated paralectotypes (2 males figured by D'ABRERA (1993: 494) as "*A. ampiroae* male R" and "*A. amphiroae* male V").

**amurensis** STAUDINGER, 1892a: 162 (as geographic variation of *Lycaena amanda*). 2 male syntypes: ex STAUDINGER, coll. G. T. BETHUNE-BAKER (Ex Mus. Zool. Camb.), RUSSIA (Amur); BMNH(E) ## 264437, 264438.

Currently placed as subspecies of *Polyommatus* (*Plebicula*) *icarius* (ESPER) (BRIDGES, 1994: VIII.26; IX.107).

**amurensis** TUTT, 1909: 271 (as geographic variation of *Cyaniris semiargus*). LECTOTYPE, male, designated here. Blag, Amur / LEECH coll., BMNH 1901-173 / BMNH(E) # 265793.

Currently placed as subjective synonym of *Polyommatus* (*Cyaniris*) *semiargus* (ROTTEMBURG) (BRIDGES, 1994: VIII.26; IX.102).

Described from one male from "Blag: Amurs" (coll. LEECH), one male from "Amur" (coll. ELWES) and one female from "Sutschan" (DÖRRIS). I could locate in the BMNH the specimen from "Blag". This male, figured by D'ABRERA (1993: 519, as "*C. semiargus* male V"), is hereby designated LECTOTYPE and has been labelled accordingly.

**anatoliensis** FORSTER, 1960a: 20 (as subspecies of *Agrodiaetus admetus*). 2 male, 1 female paratypes: leg. SCHWINGENSCHUSS and WAGNER, TURKEY (Konya: Ak-Cheir); BMNH(E) ## 265608-265610.

Currently placed as subspecies of *Polyommatus* (*Agrodiaetus*) *admetus* (ESPER) (ECKWEILER & HÄUSER, 1997: 128).

**andina** BARTLETT-CALVERT, 1894: 832 (as species of *Scolitantides*). 1 male, 1 female syntypes: leg. BARTLETT; CHILE (Condes) / BMNH(E) ## 265574, 265575.

Currently listed as species of *Pseudolucia* (BRIDGES, 1994: VIII.28; IX.109).

Described from a series of an unstated number of male and female specimens from "Condes above Santiago at 3000 m", Chile. The specimens listed above certainly originated from this series because BARTLETT-CALVERT donated them to the BMNH (ELWES 1903: 288).

**ankara** SCHURIAN & HOFMANN, 1983: 121 (as species of *Lysandra*). 1 male paratype: leg. SCHURIAN, ex ovo, TURKEY (Ankara: Kizilçahaman); BMNH(E) # 265678.

Currently placed as subspecies of *Polyommatus* (*Lysandra*) *ossmar* (GERHARD) (BRIDGES, 1994: VIII.31; IX.105).

**annamaria** BÁLINT, 1992b: 424; figs 1-3 (as species of *Polyommatus*). Holotype, male. Pamirs. Blan-kulu, 7.28. / W. H. EVANS, B.M. 1932-274. / BMNH(E) # 264678. 4 female paratypes: coll. EVANS, TAJIKISTAN (Pamirs: Balunkul); BMNH(E) ## 264679-264682.

Currently listed as species of *Polyommatus* (BRIDGES, 1994: VIII.31).

Two female paratypes are figured by D'ABRERA (1993: 503, as "*Polyommatus?* sp. BALINT M/S").

Concerning the systematic placement of the taxon see the entry of *erigone* here (p. 28).

**annulata** ELWES, 1906: 484, pl. 36, figs. 11-12 (as geographic variation of *Lycaena semiargus*). LECTOTYPE, male, designated here. Gyangste, 13000 ft, June 1904, Tibet Exped., H. J. WALTON, 1905-172. / BMNH(E) # 264291. 40 male, 24 female paralectotypes: leg. WALTON, CHINA (Tibet: Gyangste, Gyangste to Phari); BMNH(E) ## 264292-264354.

Currently placed as subspecies of *Polyommatus* (*Cyaniris*) *semiargus* (ROTTEMBURG) (BRIDGES, 1994: VIII. 31; IX. 102).

Described from a series of unseated number of specimens from "Gyantze". There are in the BMNH 41 males and 24 females, which certainly originate from this series. One of the males, figured by BÁLINT &

JOHNSON (1997: 64, pl. 3. fig. 3., as "*Aricia annulata*, male, holotype") is hereby designated LECTOTYPE and the remainders of the series are similarly designated paralectotypes.

BÁLINT & JOHNSON (1997: 11) transferred the taxon from *Polyommatus* to the *eumedon* species group of *Aricia* as good species.

**anteros** BOISDUVAL, 1840: 11 (as species of *Lycaena*). LECTOTYPE, male, designated here. Musaeo Dris BOISDUVAL / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 264522.

Not mentioned by BRIDGES (1994).

Unintended description of a species presumed to be published by KINDERMANN, based on an unspecified number of specimens from southern Russia (BOISDUVAL, 1840: 11, type locality: "Russ. m."). There is in the BMNH one male specimen from the BOISDUVAL collection with original label "*anteros* Boisd.", therefore the specimen certainly belongs to the original material BOISDUVAL worked with. This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

BOISDUVAL gives satisfactorily diagnosis (see BOISDUVAL, 1840: 11, footnote 2) and actually his *anteros* is senior synonym of *Lycaena boisduvalii* HERRICH-SCHÄFFER, [1844] (p. type locality: "Sarepta") but secondary homonym of *Lycaena anteros* FREYER, 1839 (p. 101, pl. 265, fig. 1, type locality: "Konstantineapel"). The taxon *boisduvalii* considered to be geographic subspecies of *eroides* FRIVALDSZKY, 1835 (p. 270, pl. 7, fig. 3, type locality: "Balkány aljasabb mezein" [= on the fields of Mts. Balkan at lower elevations]) (LUKHTANOV & LUKHTANOV, 1994: 270), which belongs to the *eros* species group of *Polyommatus* (BÁLINT & JOHNSON, 1997: 22). STAUDINGER (1861: 5) lists "*anteros* KIND." under synonymy of *eroides* FRIV. The taxon *anteros* was placed as species to *anteros* species group of *Aricia* (BÁLINT & JOHNSON, 1997: 11), and the whole group was revised by NEKRUTENKO (1980). I recommend maintaining stability, that the name *anteros* BOISDUVAL should be put on the official list of unavailable names because it is unused (not listed by BRIDGES, 1988 and 1994), therefore there will be no need for a replacement name.

**anthea** HEMMING, 1932b: 268 (as subspecies of *Polyommatus amandus*). Holotype, male. Lebanon, 7000 ft., VI.1900, NICHOLL / ELWES Coll., 1902-85. / BMNH(E) # 264503. 2 male, 2 female paratypes: leg. NICHOLL, LEBANON (Mt. Hermon); BMNH(E) # 264500-264504.

Currently placed as subspecies of *Polyommatus (Plebicula) icarius* (ESPER) (BRIDGES, 1994: VIII.32; IX.107).

**antilibanotica** HEMMING, 1929: 4 (as subspecies of *Polyommatus loewi*). Holotype, male. Liban, Baalbek, 13.6.1928., L. K. LOCKHART / BMNH(E) # 264650. 2 female paratypes: leg. LOCKHART, LEBANON (Baalbek); BMNH(E) ## 264651, 264652.

Currently placed as subspecies of *Polyommatus (Plebejidea) loewi* (ZELLER) (BRIDGES, 1994: VIII.33; IX.106).

**apenninus** ZELLER, 1847b: 148 (as geographic variation of *Polyommatus corydon*). Lectotype, male. *Corydon* var *Apenina*, E. Z. 87: 148, 5/9/44. / ZELL. Coll., 1884. / BMNH(E) # 264575. 1 male paralectotype: coll. ZELLER; BMNH(E) # 264576.

Currently placed as subspecies of *Polyommatus (Lysandra) coridon* (PODA) (BRIDGES, 1994: VIII.35; IX.105).

Described from "Fuligno in den Apenninen" (ZELLER, 1847b: 148). Lectotype designated by SCHURIAN (1988: 130).

**aquilina** STAUDINGER, in STAUDINGER & REBEL, 1901: 81 (as geographic variation of *Lycaena orbitulus*). 1 male, 1 female syntypes: Ex STAUDINGER, coll. GODMAN-SALVIN, / NORVEGIA (Lapland); BMNH(E) ## 264962, 264963.

Currently placed as subspecies of *Polyommatus (Agriades) aquilo* (BOISDUVAL) (BRIDGES, 1994: VIII.36; IX. 99).

**arene** FAWCETT, 1904: 137, pl. 9. fig. 4 (as geographic variation of *Lycaena ariana*). LECTOTYPE, male, designated here. Sikkim-Tibet, Khamba Jong; 15–16000 ft, 15–30.VII.'03. / Tibet Exped., H. J. WALTON, 1905-172; BMNH(E) # 264755. 17 male paralectotypes: Tibet exped., CHINA (Khamba Yong); no BMNH(E) #.

Currently placed as subspecies of *Polyommatus stoliczkana* (FELDER & FELDER) (BRIDGES, 1994: VIII.39; IX. 99).

Described from an unstated number of male specimens from "Khamba Jong, Thibet". There are in the BMNH 18 male specimens, which certainly belong to this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining males are similarly designated paralectotypes.

**argentina** BALLETO, 1993: 237 (as species of *Cherchiella*). LECTOTYPE, male, designated here. Chile-Arg., Puente del Inca / ELWES Coll., 1902-85. / Brit. Mus. 1937-707. / BMNH (E) # 265571. 1 male paralectotype: coll. Elwes, CHILE (Puente del Inca); BMNH(E) # 265572.

Currently listed as species of *Pseudolucia* (BRIDGES, 1994: VIII.40; IX.109).

The species was described on the basis of a single specimen (BALLETO, 1993: 238). But according to material examined for the original paper and eventually returned to the BMNH by BALLETO, there are two specimens with identical labels. Both specimens were dissected and bear the BMNH slide ## 17650 and 17652, respectively. The male with the BMNH slide # 17650 and figured by D'ABRERA (1995: [1254] as "*M.?* sp. male R (Chile)", indicated by a red spot) is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimen is similarly designated paralectotype.

**argulus** FREY, 1882: 350 (as female form and geographic variation of *Lycaena argus*). LECTOTYPE, male, designated here. Wallis / FREY Coll., 1890. / BMNH(E) # 265246. 1 male, 2 female paralectotypes: coll. FREY, SWITZERLAND (Wallis); BMNH(E) ## 265247–265249.

Currently placed as subspecies of *Plebejus (Lycaeides) idas* (LINNAEUS) (BRIDGES, 1994: VIII.41; IX. 95). Described from an unstated number of male and female specimens sent by Mr. ANDEREGG to FREY. FREY states that he describes the taxon only as a female variation, but on the following page (p. 351) he also gives the diagnosis of the males based on specimens collected in Simplon by Rev. RÄTZER. There are in the BMNH two males and two females, which originate from the FREY collection. These specimens certainly belong to the original series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**ariana** MOORE, 1865: 504, pl. 31, fig. 2 (as species of *Polyommatus*). LECTOTYPE, male, designated here. N.W. Himalaya, Kunawur, Lang / MOORE Coll., B.M. 1908-208. / BMNH(E) # 264735. 1 female paralectotype: coll. MOORE, PAKISTAN (Kunawur); BMNH(E) # 264736.

Currently placed as species of *Polyommatus* (BRIDGES, 1994: VIII.42; IX. 97).

Described on the basis of an unstated number of specimens from "Kunawur". There is in the BMNH one male and one female taken in Kunawur and originating from the MOORE collection. These specimens certainly originate from the original series. The male is hereby designated LECTOTYPE and has been labelled accordingly and the female is similarly designated paralectotype.

**armoricana** OBERTHÜR, 1910: 189, pl. 40, figs 275, 276 (as geographic race of *Lycaena argus*). LECTOTYPE, male, designated here. Monterfil, 22. Juin, 1909. / Ex OBERTHÜR Coll., 1927-3. / BMNH(E) # 265232. 2 female paralectotypes: coll. OBERTHÜR, FRANCE (Monterfil); BMNH(E) ## 265233, 265234.

Currently listed as subjective synonym of *Plebejus (Lycaeides) idas* (LINNAEUS) (BRIDGES, 1994: VIII. 44; IX.94).

Described on the basis of an unstated number of specimens collected in the environs of Monterfil and Bourg-des-Comptes. There are in the BMNH one male and two females, which certainly belong to the original series. The male, figured by OBERTHÜR, is hereby designated LECTOTYPE and has been labelled accordingly, and the females are similarly designated paralectotypes.

**arruana** FELDER & FELDER, 1865: 277 (as species of *Lycaena*). LECTOTYPE, male, designated here. Arru, LORQUIN / FELDER, Coll. / ROTHSCHILD, Bequest, B.M. 1939-1. / BMNH(E) # 264367. 4 female paralectotypes: coll. FELDER, INDONESIA (Arru); BMNH(E) ## 264368–264371.

Currently placed as subspecies of *Chilades cleotas* (GUÉRIN-MÉNEVILLE) (BRIDGES, 1994: VIII.45; IX.25). Described from an unstated number of specimens from "Arru". There is in the BMNH a single male which certainly originates from these specimens and can be considered as syntype with certainty. This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

**ashretha** EVANS, 1925: 346, pl. 27, fig. 23.6 (as subspecies of *Lycaena iris*). LECTOTYPE, male, designated here. Chitral, Ziarat, 8–9000 ft, 28.5.03, A. R. C. SAUNDERS, 1904-237. / BMNH(E) # 265185. 7 male, 2 female paralectotypes: leg. SAUNDERS, PAKISTAN (Chitral: Ziarat); BMNH(E) ## 265186–265193, 265195.

Currently placed as subspecies of *Plebejus (Vacciniina) iris* (LANG) (BRIDGES, 1994: VIII.47; IX.96). Described on the basis of a series of specimens from "Ziarat" taken by LESLEI, EVANS and SAUNDERS. There are in the BMNH eight males and two females, which certainly originate from this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**asiatica** ELWES, 1882: 404 (as geographic variation of *Lycaena pheretes*). LECTOTYPE, female, designated here. Chumbi, high alpine Sikkim, 1881, Nat. Coll. / SWINHÖE Lep. Ind., [X: Pl. 643 f3a.] / ELWES Coll. 1902-85. / BMNH(E) # 265020. 1 female paralectotype: coll. ELWES, INDIA (Sikkim: Chumbi); BMNH(E) # 265021.

Currently placed as subspecies of *Polyommatus (Albulina) lehanus* (MOORE) (BRIDGES, 1994: VIII.47; IX.101).

Described from a series of unstated number of specimens from the "Chumbi Valley", at from 12000 to 15000 feet. There are in the BMNH two female specimens, which were taken in Chumbi and originate from the SWINHÖE collection. These specimens certainly belong to the original material, therefore one of these females is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimen is similarly designated paralectotype.

**askhabadica** FORSTER, 1960b: 135, pls 12, 13, figs 6–7 (as subspecies of *Agrodiaetus phyllis*). 1 female paratype: ROTHSCHILD Bequest, TURKMENISTAN (Ashabad); BMNH(E) # 265675.

Currently placed as subspecies of *Polyommatus (Agrodiaetus) phyllides* (STAUDINGER) (ECKWEILER & HÄUSER, 1997: 132).

**astorica** EVANS, 1925: 346 (as species of *Lycaena*). LECTOTYPE, male, designated here. Astor, 9000, 8.VIII.20. / W. H. EVANS, B.M. 1932-274. / BMNH(E) # 265762. 2 male paralectotypes: coll. EVANS, INDIA (Astor); BMNH(E) # 265763, 265764.

Currently placed as species of *Polyommatus* (BRIDGES, 1994: VIII.49; IX.97).

Unintended description of a species presumed to be published by TYTLER. Described from a series of unstated number of male and female specimens. There are in the BMNH three males, which originate from the EVANS collection and certainly belong to this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly.

**astorica** TYTLER, 1926: 584, pl. 1, fig. 3 (as species of *Lycaena*). LECTOTYPE, male, designated here. Gundhai, Astor, 9500, 21.VII.21. / TYTLER Coll., B.M. 1939-614. / BMNH(E) # 265116. 11 male, 3 female paralectotypes: coll. TYTLER, INDIA (Gilgit, Rupal: Astor); BMNH(E) # 265115 (female); the remaining paralectotypes have no BMNH #. (Colour plate III, figs 53, 54; colour plate IV, figs 55–60) Not listed by BRIDGES (1994).

Described from a series of specimens taken in Gundhai and Gilgit. There are in the BMNH 12 males and three females, which originate from the TYTLER collection and must be considered as syntypes. One of the males, figure by D'ABRERA (1993: 495 as "*A. astorica* male V"), is hereby designated LECTOTYPE and has been labelled accordingly, the remaining specimens are similarly designated paralectotypes.

Junior homonym and objective synonym of *Lycaena astorica* EVANS, thus there is no need for replacement name.

**astorica** TYTLER, 1926: 585, pl. 1, fig. 8 (as subspecies of *Lycaena orbitulus*). LECTOTYPE, male, designated here. Rupal N., Astor, 12000, 8. '20. / TYTLER Coll., B.M. 1939-614. / BMNH(E) # 265135. 1 female paralectotype: coll. TYTLER, INDIA (Astor); BMNH(E) # 265136.

Junior homonym of *Lycaena astorica* EVANS, 1925 and replaced by *Agriades jaloka marlane* of HEMMING (1934a: 193). Currently placed as subspecies of *Polyommatus (Agriades) jaloka* (MOORE) (BRIDGES, 1994: VIII.49; IX.99).

Described on the basis of an unstated number of male and female specimens from "Rupal, Astor". There are in the BMNH two specimens, one male and one female, which were taken in Astor and originate from the TYTLER collection. These specimens can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly, the female is similarly designated paralectotype.

**asturiensis** OBERTHÜR, 1910: 293 (as geographic race of *Lycaena pyrenaica*). LECTOTYPE, male, designated here. Asturias, Picos de Europe, 2000 mètres, Ch. S. R. OBERTHÜR, 19 & 20 juillet, 1882. / Ex OBERTHÜR Coll., 1927-3. / BMNH(E) # 265168. 4 male, 3 female paralectotypes: coll. OBERTHÜR, SPAIN (Asturies); BMNH(E) ## 265169-265175.

Currently placed as subspecies of *Polyommatus (Agriades) pyrenaicus* (BOISDUVAL) (BRIDGES, 1994: VIII.49; IX.100).

Described from a series of specimens taken in the Spanish and French Pyrénées. There are in the BMNH five males and three females, which originate from the OBERTHÜR collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**asur** AGENJO, 1966: 174 (as subspecies of *Plebejus (Plebejus) argus*). 2 male paratypes: leg. AGENJO, SPAIN (Villasur); BMNH(E) ## 265469, 265470.

Currently placed as subspecies of *Plebejus argus* (LINNAEUS) (BRIDGES, 1994: VIII.49; IX.91).

**athena** FELDER & FELDER, 1865: 279, pl. 34, figs 26, 27 (as species of *Lycaena*). LECTOTYPE, male, designated here. Luzon, LORQUIN / FELDER, Colln. / ROTHSCHILD, Bequest, B.M. 1939-1. / BMNH(E) # 264388. 2 male paralectotypes: coll. FELDER, PHILIPPINES (Luzon); BMNH(E) ## 264389, 264390.

Currently placed as subspecies of *Chilades lajus* (STOLL) (BRIDGES, 1994: VIII.50; IX.26).

Described from an unstated number of specimens from "Luzon". There are in the BMNH one male and two females, which were taken in Luzon and originate from the FELDER collection. These specimens can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**atlantica** ELWES in MEADE-WALDO, 1906: 380, pl. 19, figs 5, 6 (as geographic variation of *Lycaena hylas*). LECTOTYPE, male, designated here. Imentalla, Atlas Mts. 5500 feet, (E. G. B. MEADE-WALDO), 10.7.1901. / Morocco, MEADE-WALDO, 1903-155. / BMNH(E) # 264486. 3 male, 2 female paralectotypes: leg. MEADE-WALDO, MOROCCO (Imentalla); BMNH(E) ## 264487-264491.

Currently placed as species of *Polyommatus (Plebicula)* (BRIDGES, 1994: VIII.50; IX. 106).

Described from a series of specimens from "Imentalla", taken by MEADE-WALDO. There are in the BMNH four males and two females, which certainly originate from this series. One of the males, figured by MEADE-WALDO, is hereby designated LECTOTYPE and has been labelled accordingly. The remainders of the series are similarly designated paralectotypes (one of the female paralectotype is figured by D'ABRERA (1993: 510) as "A. atlantica female R").

**bactriana** GRUM-GRSHIMAILO, 1890: 374 (as geographic variation or female aberration of *Lycaena roxane*). Holotype, female, Surchan-Darja, Bucharra / 30.4.'85. / Orig. / ELWES Coll., 1902-85. / BMNH(E) # 140574.

Currently placed as subjective synonym of *Plebejus (Lycaeides) argyrognomon* (BERGSTRÄSSER) (BRIDGES, 1994: VIII.58; IX.94).

Described on the basis of a single female specimen taken in "Buchara".

Tuzov (1993: 62) listed *bactriana* as distinct species. The type specimen is almost identical with the female syntype of *Lycaena cristophi* figured by OLIVIER et al. (1998, pls 1-2, fig. 4). The holotype of *bactriana* appears to me to fall within the range of variation exhibited of *P. christophi* (see OLIVIER et al., l.c., pls 1-2, figs 3-4, 6, 10, and 12). Consequently I considered them as synonyms: *Lycaena christophi* STAUDINGER, 1874 = *Lycaena Roxane* var. et ab *Bactriana* GRUM-GRSHIMAILO, 1890, **syn. nov.**

**balcanica** TUTT, 1909: 272 (as geographic race of *Cynaris semiargus*). LECTOTYPE, male, designated here. Rilo Dag, S.W. Bulgaria, 4000 ft, 22.6.1899 ELWES / JOICEY Bequest, B.M. 1934-120 / BMNH(E) # 265786. 4 male, 3 male paralectotypes: JOICEY Bequest, BULGARIA (Rilo Dag); BMNH(E) ## 265785, 265787-265792.

Currently placed as subjective synonym of *Polyommatus (Cyaniris) semiargus* (ROTTEMBURG) (BRIDGES, 1994: VIII.59; IX.102).

Described from a series of male and female specimens taken in "Bosnia and Bulgaria". TUTT gave no specific details of his material but discussed the records of NICHOLL and ELWES and analysed their specimens (TUTT, 1909: 272-273). Therefore five male and three female specimens taken by NICHOLL and ELWES in Bosnia and Bulgaria, deposited in the BMNH, can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

BRIDGES (1994: VIII.59) listed the name as objectively unavailable, because according to his source it was described as an aberration. The taxon was described as "var. *balcanica*, n. var" as the most western amongst "the races of the orient"; thus the name is available.

**balcanica** ZÜLLICH, 1929: 52 (as geographic race of *Lycaena argyrognomon*). 6 male, 1 female syntypes: ROTHSCHILD Bequest, coll. ZÜLLICH, BULGARIA (Monastery Rilski); BMNH(E) ## 265270-265277. Junior homonym of *Lycaena semiargus balcanica* TUTT, 1909 and renamed as *Lycaeides argyrognomon baldur* by HEMMING (1934a: 193). Currently placed as subjective synonym of *Plebejus (Lycaeides) argyrognomon* (BERGSTRÄSSER) (BRIDGES, 1994: VIII.59; IX.94).

HESELBARTH et al. (1995: 601) considers *baldur* as subspecies of *Plebejus idas* (LINNAEUS).

**baroghila** TYTLER, 1926: 583, pl. 1, fig. 1 (as species of *Lycaena*). LECTOTYPE, male, designated here. Baroghil, male, Gilgit, 7.23. / TYTLER Coll., B.M. 1939-614. / BMNH(E) # 264640. 1 female paralectotype: coll. TYTLER, PAKISTAN (Baroghil); BMNH(E) # 264641.

Currently placed as species of *Plebejus* (BRIDGES, 1994: VIII.62; IX.92).

Described from a pair of specimens, one male and one female, from "Baroghil, Gilgit". Both specimens, actually males, can be found in the BMNH and be considered as syntypes with certainty. One of the males, figured by TYTLER, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining male is similarly designated paralectotype.

The taxon was mistakenly listed in synonymy with *Polyommatus loewi sanoga* by TSHIKOLOVETS (1997a: 138), most probably based on BOLLOW (1930: 264; reflected in BRIDGES, 1988: I.47). The taxon is discoloured (see BÁLINT & JOHNSON, 1997: 26-31) and belongs to the *ardis* species group of *Plebejus* (BÁLINT & JOHNSON, 1997: 14). In contrast, the taxon *sanoga* is sexually dimorphic having blue male and brown female and belongs to the *loewi* species group of *Albulina* (BÁLINT & JOHNSON, 1997: 18). The male genitalia of *sanoga* are identical with that of *loewi* (BÁLINT, 1991: figs 130-132), whilst the male genitalia of the taxa of the *ardis* species group differs having an aedeagus with long suprazonal portion typical of *Plebejus* (BÁLINT, 1991: figs 139-145).

**barthae** PFEIFFER, 1932: 47 (as subspecies of *Lycaena iphigenia*). 2 male, 1 female paratypes: coll. PFEIFFER, TURKEY (Taurus); BMNH(E) ## 265664-265666.

Currently placed as subspecies of *Polyommatus (Agrodiaetus) iphigenia* (ECKWEILER & HÄUSER, 1997: 133).

**bassoni** LARSEN, 1974b: 172 (as subspecies of *Aricia crassipuncta*). Holotype, male. Jabal Quammova, 1800 m, Liban, 12.8.1973., leg. T. B. LARSEN / B.M. Type, No. Rh. 17344. / BMNH(E) # 264928. 1 male, 1 female paratypes: leg. LARSEN, LEBANON (Jabal, Laklout); BMNH(E) ## 264929–264930.

Currently placed as subjective synonym of *Plebejus (Ultraaricia) vandarbani* (PFEIFFER) (BRIDGES, 1994: VIII.63; IX.96).

LARSEN very recently resurrected the taxon to species rank (LARSEN, 1995: 122).

**bavarica** FORSTER, 1936: 90, pls 12–13, figs 9–10 (as subspecies of *Lycaena idas*). 1 female syntype: leg. Forster, GERMANY (Bavaria: Wolfrathshausen); BMNH(E) # 265231.

Currently placed as subspecies of *Plebejus (Lycaeides) idas* (LINNAEUS) (BRIDGES, 1994: VIII.65; IX.95).

**bejarensis** CHAPMAN, 1902: xxxv (as geographic variation of *Lycaena argus*). LECTOTYPE, male, designated here. Béjar, VI.–VII.'02., T. A. C., 1903–41. / 1907–80. / BMNH(E) # 265454. 4 male, 3 female paralectotypes: leg. CHAPMAN, SPAIN (Castilla-Leon: Béjar); BMNH(E) ## 265455–265460, 265545.

Currently placed as subspecies of *Plebejus argus* (LINNAEUS) (BRIDGES, 1994: VIII.66; IX.91).

Described from a series of male and female specimens from the vicinity of "Bejar", in west central Spain, on July 1st, 1902, and following days. There are in the BMNH five males and three females, which certainly originate from this series. One of the males with the label "Lectotype, *Lycaena argus*; var. *bejarensis*, CHAPMAN, BERNARDI & TITE" (lectotype not designated) is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**bellieri** OBERTHÜR, 1910: 191, pl 40, figs 280, 281 (as geographic race of *Lycaena argus*). LECTOTYPE, male, designated here. Bastelica, 7.7.'05., H. POWELL / Ex OBERTHÜR Coll., Brit. Mus. 1927–3. / BMNH(E) # 265250. 13 male, 7 female paralectotypes: coll. Oberthür, FRANCE (Corse: Bastelica); BMNH(E) ## 265251–265269, 265278.

Currently placed as unused subjective synonym of *Plebejus (Lycaeides) corsica* TUTT (BRIDGES, 1994: VIII.66; IX.95).

Described from a series taken in Corsica by BELLIER and POWELL. There are in the BMNH 14 males and 7 female, which certainly originate from this series. One of the males, figured by OBERTHÜR, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

BRIDGES (1994: VIII.66) listed *bellieri* by mistake as homonym but without any indication. In another chapter the taxon was put under *Plebejus corsica* (TUTT) as an unavaiable, objectively invalid and unused subjective synonym (BRIDGES, 1994: IX.95). Actually TUTT's taxon is junior synonym of *Lycaena argus corsica* BELLIER, 1862. Moreover the name *bellieri* is well preserved and used in the European literature ("*Lycaeides idas bellieri*": LERAUT, 1980: 128; HIGGINS & RILEY, 1983: 73; "*Plebejus idas bellieri*": RUNGS, 1988: 33 and most recently LERAUT, 1997: 186 as "*Plebejus idas bellieri*").

**bellis** FREYER, 1845: 26, pl. 398, figs 1, 2 (as species of *Lycaena Papilio*). LECTOTYPE, male, designated here. Bellis / Ex Coll. FREYER / ROTHSCHILD, Bequest, B.M. 1939–1. / BMNH(E) # 264281. 1 female paralectotype: coll. FREYER; BMNH(E) # 264282.

Currently placed as subjective synonym of *Polyommatus (Cyanris) semiargus* (ROTEBURG) (BRIDGES, 1994: VIII.67; IX.102).

Described on the basis of unstated number of male and female specimens from Turkey sent to FREYER by WEISSENHORN. There is in the BMNH a pair of specimens, apparently one male and one female, which originate from the FREYER collection and can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

The name is attributed by FRIVALDSZKY to himself and he is most probably the source of WEISSENHORN's material (see FRIVALDSZKY, 1845: 172, "Constantinápoly kies vidéke mind növényekre, mind az apróbb állatok osztályára nézve kitűnő figyelmet érdemel... Szorosan vett újdonságok csekély számmal voltak találhatóak, név szerint a deli toportyán (*Lycaena bellis* Fr.)" [The suburbs of Constantineaple has to receive peculiar attention for the classes of plants and little animals... Novelties in strict sense could



have been found in small numbers, namely the Graceful Blue (*Lycaena bellis* Fr.) and FRIVALDSZKY, 1864: 5 as "*Lycaena Bellis* FRIV., Turc[ia]".).

**bellona** GRUM-GRSHIMAILO, 1888: 306 (as species of *Lycaena*). LECTOTYPE, male, designated here. Koudara, 17.VI.'87. / Orig. / ELWES Coll. 1902-85. / BMNH(E) # 264653.

Currently placed as species of *Polyommatus* (BRIDGES, 1994: VIII.67; IX.97).

Described from two male specimens from "Roschan" or "Koudara" (GRUM-GRSHIMAILO, 1890: 380). There is in the BMNH one male specimen, which originates from GRUM-GRSHIMAILO and can be considered as syntype with certainty. This specimen, figured by D'ABRERA (1993: 504, as holotype, "*P. bellona* male R") and TSHIKOLOVETS (1997a: pl. 40, figs 20–21 as "*Polyommatus devanica bellona*") is hereby designated LECTOTYPE and has been labelled accordingly.

TSHIKOLOVETS (1997a: 142) lists the taxon as subspecies of *devanica* MOORE, which is erroneous. The male genitalia of the two taxa are distinct (SAKAI, 1981: fig. 171 for *devanica* and BÁLINT, 1991: figs 140–142 for *eversmanni*) and actually they belong to different genus groups of *Plebejus* (see BÁLINT & JOHNSON, 1997: 14–16).

**bilucha** MOORE, 1884: 24 (as species of *Lycaena*). LECTOTYPE, male, designated here. Chaman, 5.'80. / MOORE Coll., 1908-208., May '80, % [527.] / BMNH(E) # 264789.

Currently placed as species of *Polyommatus* (BRIDGES, 1994: VIII.70; IX.97).

Described from an unstated number of male and female specimens from "Chaman", Afghanistan. There is in the BMNH one male specimen, which originates from the MOORE collection and can be considered as syntype with certainty. This male is hereby designated LECTOTYPE and has been labelled accordingly.

The taxon was currently placed in synonymy with *ariana* by BALLETO & KUDRNA (1989: 251). But *bilucha* is smaller, having silvery blue dorsal wing ground colour and whitish underside with faint markings. While *ariana* has violet blue dorsal wing ground colour and grey underside with well-marked pattern (see SAKAI, 1981: figs 48–50 for *P. bilucha*, [determined as "*P. eros*"]). They occur sympatrically but most probably not syntopically, because *bilucha* seems to be an eremial species distributed from Baluchistan to central Tibet (very recently described as *Polyommatus sarta laziensis* by HUANG, 1998: 266; but as I did not examine the type, the synonymy cannot be formalized here).

The taxon *ariana* represents a xeromontane species widely distributed from Kurdistan ("*Polyommatus ciloicus*" DE FREINA & WITT (1983: 187) to the Ormei Shan mountains (material examined in the BMNH collection).

**bogra** EVANS, 1932: 231 (as subspecies of *Polyommatus actis*). LECTOTYPE, male, designated here. Baluchistan, Bogra, 7000, 17.7.'28. / W. H. EVANS, B.M. 1932-274. / BMNH(E) # 264579. 4 male paralectotypes: coll. EVANS, PAKISTAN (Bogra); BMNH(E) ## 264580–264583.

Currently placed as species in the *erschoffi*-group of *Polyommatus* (*Agrodiaetus*) (ECKWEILER & HÄUSER, 1997: 136).

Described from a series of specimens from Baluchistan, above 7000 ft. There are in the BMNH five males, which certainly originate from this series and can be considered as syntypes with certainty. One of them, figured by D'ABRERA (1993: 506 as "*P. bogra* male R") is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**boopis** FRUHSTORFER, 1897: 115 (as species of *Lycaena* (*Cupido*)). LECTOTYPE, female, designated here. Nord-Celebes, Toli-Toli, Nov–Dez. 1895, H. FRUHSTORFER / FRUHSTORFER Coll., B.M. 1933-131. / BMNH(E) # 264355.

Currently placed as species of *Chilades* (BRIDGES, 1994: VIII.74; IX.25).

Described on the basis of one male and one female specimens from the vicinity of "der Bucht von Toli-Toli", Central-Celebes, taken by FRUHSTORFER himself in Northern Celebes (FRUHSTORFER, 1897: 116). There is in the BMNH a single female collected by FRUHSTORFER in Toli-Toli, which is certainly identical with the original female. This specimen, figured by D'ABRERA (1986: 650 as "*C. boopis* female R") is hereby designated LECTOTYPE and has been labelled accordingly.

BRIDGES (1994: VIII.74) lists *boopis* FRUHSTORFER (1915, p. 15: "*Luthrodes cleotas boopis*") as homonym of *boopis*. FRUHSTORFER (1915) gives a clear reference as "B. E. Z. 1895, p. 115" to his previous paper where the taxon is described and there is no indication as "subspec. nova", but precisely indicated in the cases of *soamis* and *gades* described in the same paper. Thus *boopis* sensu FRUHSTORFER (1915) is simply a repeated description, nevertheless FRUHSTORFER in this paper wrongly cites the type material and the type locality.

***bracteata*** BUTLER, 1880: 407, pl. 39, fig. 4 (as species of *Lycaena*). LECTOTYPE, male, designated here. Candahar, 80. 36, (18), End of June / BMNH(E) # 265298. 1 female paralectotype: ex BUTLER; AF-GHANISTAN (Candahar); BMNH(E) # 265299.

Currently placed as subjective synonym of *Plebejus (Lycaeides) samudra* (MOORE) (BRIDGES, 1994: VIII.76; IX.95).

Described from a series of unstated number of male and female specimens from "Candahar", Baluchistan. There are in the BMNH two specimens, one male and one female, which certainly originate from this series and can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly, and the female is similarly designated paralectotype. Comparing the lectotype specimen of *christophi* (OLIVIER et al. 1998: pls 1–2, fig. 1) and that of *bracteata*, it is impossible to differentiate the two nominal taxa. Consequently *Lycaena christophi* STAUDINGER, 1874 = *Lycaena bracteata* BUTLER, 1880, **syn. nov.**

***brandti*** FORSTER, 1956: 123, pls 12, 13, figs 8, 9 (as subspecies of *Agrodiaetus xerxes*). 3 male, 3 female paratypes: coll. WILTSHIRE, IRAN (Fars); BMNH(E) ## 265654–265659.

Secondary homonym of *Polyommatus (Meleageria) daphnis brandti* PFEIFFER (1938: 191). Renamed as "*Polyommatus (Agrodiaetus) cyaneus* nom. nov. *fredi*" by ECKWEILER (1997: 21). Currently placed as subspecies of *Polyommatus (Agrodiaetus) cyaneus* (ECKWEILER & HÄUSER, 1997: 148).

***branuelasensis*** TUTT, 1909: 198 (as geographic race of *Plebeius argus*). LECTOTYPE, male, designated here. Branuelas, 10–16.VII.'06., T. A. C. / BMNH(E) # 265468. 1 male paralectotype: leg. CHAPMAN, SPAIN (Branuelas); BMNH(E) # 265546.

Currently listed as subspecies of *Plebeius argus* (LINNAEUS) (BRIDGES, 1994: VIII.77; IX.91).

Described from unstated number of specimens from "Branuelas, Asturias", taken in July 1906 by CHAPMAN. There are in the BMNH two males, which certainly originate from these specimens and can be considered as syntypes with certainty. One of them is hereby designated LECTOTYPE and has been labelled accordingly. The remaining male specimen is similarly designated paralectotype.

***brenda*** HEMMING, 1932a: 269 (as subspecies of *Polyommatus amandus*). Holotype, male. Cedar Mt., 22.6.'30., R. E. ELLISON / Brit. Mus., 1932-475. / BMNH(E) # 264505. 1 male, 1 female paratypes: coll. HEMMING, leg. ELLISON, LEBANON (Cedar Mt.); BMNH(E) ## 264506, 264507.

Currently placed as subspecies of *Polyommatus (Plebicula) icarius* (ESPER) (BRIDGES, 1994: VIII.77; IX.107).

***brunhilda*** HEMMING, 1932b: 267 (as subspecies of *Polyommatus amandus*). Holotype, male. FREY Coll., 1890. / BMNH(E) # 264492. 1 male, 1 female paratypes: coll. FREY, GERMANY (Berlin); BMNH(E) ## 264493, 264493.

Currently placed as subspecies of *Polyommatus (Plebicula) icarius* (ESPER) (BRIDGES, 1994: VIII.78; IX.107).

***bruttia*** VERITY, 1921: 190 (as geographic race of *Agriades amandus*). 1 male, 1 female syntypes: leg. QUERCI, SPAIN (San Fili); BMNH(E) ## 265681, 265682.

Currently listed as unavailable, unused name in subjective synonymy of *Polyommatus (Plebicula) icarius* (ESPER) (BRIDGES, 1994: VIII.79; IX.107).

**buchara** FORSTER, 1936: 75, pls 10, 11, figs 11, 12 (as subspecies of *Lycaena argyrognomon*). 1 male syntype: leg. PFEIFFER, UZBEKISTAN (Buchara: Kurgan-Tjube); BMNH(E) # 265290.

Currently placed as subspecies of *Plebejus (Lycaeides) argyrognomon* (BERGSTRÄSSER) (BRIDGES, 1994: VIII.79; IX.94).

**bucholczi** DOS PASSOS, 1938: 47 (as subspecies of *Plebeius icarioides*). 1 male, 1 female paratypes: leg. DOS PASSOS, U.S.A. (Arizona); BMNH(E) ## 265632, 265633.

Currently placed as subspecies of *Plebejus (Icaricia) icarioides* (BOISDUVAL) (BRIDGES, 1994: VIII.79; IX.93).

**caerulea** STAUDINGER, in STAUDINGER & WOCKE, 1871: 13 (as female aberration or geographic variation of *Lycaena damon*). 3 male, 1 female syntypes: ex STAUDINGER, coll. GODMAN-SALVIN, IRAN (N. Persia); BMNH(E) ## 264421–264423.

Currently placed as species in the *damon*-group of *Polyommatus (Agrodiaetus)* (ECKWEILER & HÄUSER, 1997: 136).

**caerulescens** GRUM-GRSHIMAILO, 1893: 127 (as geographic variation of *Lycaena argus*). LECTOTYPE, male, designated here. Ural / Nishnaya Salda / V.'87. / Coll. GR.-GR. / ELWES Coll., Brit. Mus. 1902-85. / BMNH(E) # 265481.

Currently placed as subjective synonym of *Maculinea nausithous* (BERGSTRÄSSER) (BRIDGES, 1994: VIII.85; IX.71).

Described from an unstated number of specimens from the Ural Mountains. There is in the BMNH a single male specimen, which certainly originates from these specimens. This male is hereby designated LECTOTYPE and has been labelled accordingly.

I could not find the source of BRIDGES's combination (1994: VIII.85), which is obviously wrong. *Maculinea nausithous* (BERGSTRÄSSER) represents an entirely different polyommata genus group, the "*Glaucopteryx* section" (ELIOT, 1973: 449). BRIDGES notes "that may belong with *argyrognomon*" referring to BANG-HAAS (1927: 84) and BOLLOW (1930: 260). The combination given by BANG-HAAS is *Lycaena argyrognomon* ab. *caerulescens* and BOLLOW cites the taxon as *Lycaena argus* female-ab. *caerulescens*. The taxon is subjective synonym of *Plebejus argyrognomon* (BRGSTR.) as listed already by COURVOISIER (1914: 202).

**calliopsis** BOISDUVAL, 1832: 58, pl. 15, fig. 4, 5 (as species of *Argus*). LECTOTYPE, male, designated here. Grenoble / Ex Museo, Dris BOISDUVAL / Ex Museo, ACH. GUÉNÉE / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265243. 2 female paralectotypes: coll. BOISDUVAL, FRANCE (Grenoble); BMNH(E) ## 265244, 265245.

Currently placed as subspecies of *Plebejus (Lycaeides) idas* (LINNAEUS) (BRIDGES, 1994: VIII.89; IX.95).

Described from an unspecified number of specimens from Grenoble. There are in the BMNH one male and two females, which certainly originate from the material of BOISDUVAL taken at Grenoble. The male is hereby designated LECTOTYPE and has been labelled accordingly, the females are similarly designated paralectotypes.

**calmuca** GRUM-GRSHIMAILO, 1891: 450 (as variation of *Lycaena argus*). LECTOTYPE, male, designated here. Tien Shan / 30.V.'89. / Orig. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 265289. 1 male, 1 female paralectotypes: coll. GRUM-GRSHIMAILO, KYRGYZSTAN (Tien-Shan); BMNH(E) ## 140570, 140571.

Currently placed as subjective synonym of *Maculinea nausithous* (BERGSTRÄSSER) (BRIDGES, 1994: VIII.89; IX.71).

Described from a series of unstated number of specimens from the Tien-Shan region (Ili: river Chorgoss and location Sujdun). There is in the BMNH two male specimens and a single female, which certainly originate from this series. One of the males is hereby designated as LECTOTYPE and has been labelled accordingly. The remaining male and the female specimen are similarly designated paralectotypes.

The taxon was listed as local form (subspecies) of *Plebejus idas* by Tuzov (1993: 62), which is erroneous, because *calmuca* belongs to the Central Asian branch of *Plebejus argyrognomon* as FORSTER correctly outlined (FORSTER, 1936: 76). According to the material examined in the BMNH it is impossible to distinguish *calmuca* and topotypical *planorum* ALPHERAKY, 1881 (p. 16, type locality: "Kouldja"). As I could not examine any primary type material of *planorum*, the suggested synonymy of *planorum* and *calmuca* is not formalised here. The synonymy of *nausithous* BERGSTRÄSSER, [1779] and *calmuca* (cited by BRIDGES, 1994: IX. 71) is an obvious mistake, and its original source is not COURVOISIER as indicated, because COURVOISIER placed *calmuca* in synonymy with *idas* (COURVOISIER, 1914: 200).

**calyptra** FRUHSTORFER, 1916: 91 (as subspecies of *Chilades laius*). LECTOTYPE, male, designated here. Palawan, 1898, DOHERTY, ex coll. H. FRUHSTORFER / FRUHSTORFER Coll., B.M. 1933-131. / BMNH(E) # 264395. 1 female paralectotype: coll. FRUHSTORFER, PHILIPPINES (Palawan); BMNH(E) # 264396. Currently placed as subjective synonym of *Chilades lajus athena* (FELDER & FELDER) (BRIDGES, 1994: VIII.89; IX.26).

Described from three males and three females from "Palawan" taken by DOHERTY in 1898. There is in the BMNH a pair of one male and one female, which can be considered as a pair of syntypes. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**casaiacus** CHAPMAN, 1907: 151, pl. 5, figs 6-9 (as variation of *Plebejus argus*). LECTOTYPE, male, designated here. Casayo, N.W. Spain, 2-8.VII.'06., T. A. C. / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265461. 6 male, 2 female paralectotypes: coll. OBERTHÜR, leg. CHAPMAN, SPAIN (Casayo); BMNH(E) ## 265462-265467, 265547, 265548.

Currently placed as subspecies of *Plebejus argus* (LINNAEUS) (BRIDGES, 1994: VIII.95; IX.91).

Described from an unstated number of male and female specimens from "Casayo", Spain. There are in the BMNH seven males and two females, which originate from these specimens and can be considered as syntypes with certainty. One of the males, figured by CHAPMAN, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**castilla** FRUHSTORFER, 1910: 48 (as subspecies of *Lycaena hylas*). Holotype, male. Spanien, Castilien, FRUHSTORFER / FRUHSTORFER Coll., B.M. 1933-131. / BMNH(E) # 264495.

Currently placed as subspecies of *Polyommatus (Plebicula) dorylas* ([DENIS & SCHIFFERMÜLLER]) (BRIDGES, 1994: VIII.95; IX.106).

**centro** CHAPMAN, 1913: 675 (as geographic variation of *Agriades thersites*). LECTOTYPE, male, designated here. Bourg d'Oisans, VIII.1895, TUTT S. / Ex TUTT Coll., 1913-61. / BMNH(E) # 264449. 7 male, 7 female paralectotypes: coll. TUTT, FRANCE (Tarentaise distr.); BMNH(E) ## 264450-264463.

Currently placed as subjective synonym of *Polyommatus (Plebicula) thersites* (CANTENER) (BRIDGES, 1994: VIII.99; IX.107).

Described from a series of TUTT collection specimens from the "Tarentaise" district, France. There are in the BMNH eight males and seven females, which originate from the TUTT collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**chitralensis** SWINHOE, 1910: 30, pl. 647, figs 3a, 3b (as geographic variation of *Polyommatus icarus*). LECTOTYPE, male, designated here. Chitral, Drosh, 1902, El. [xx]000 ft., Coll. G. A. LESLIE, & W. H. EVANS, 1903-284. / BMNH(E) # 264836. 2 male, 2 female paralectotypes: coll. LESLIE & EVANS, PAKISTAN (Chitral); BMNH(E) ## 264837-264840.

Currently placed as species of *Polyommatus* (BRIDGES, 1994: VIII.104; IX.97).

Described from a series of male and female specimens from "Drosh, Chitral". There are in the BMNH three males and two females, which originate from this series and can be considered as syntypes with

certainty. One of the males, figured by SWINHOE, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**chitralensis** TYTLER, 1926: 584, pl. 1, fig. 6 (as subspecies of *Lycaena metallica*). LECTOTYPE, male, designated here. Chitral, Kashmir, Major F. WALL, 21.7.1910 / 1911-438 / BMNH(E) # 265067. 6 male, 3 female paralectotypes: leg. WALL, INDIA (Kashmir); BMNH(E) ## 265068–265076. (Colour plate IV, figs 61–63)

Currently placed as subspecies of *Polyommatus (Albulina) metallica* (FELDER & FELDER) by BRIDGES (1994: VIII.104; IX.100).

Described from a series of specimens from “Chitral” taken by Major WALL. There are in the BMNH seven male and three female specimens, which certainly originate from this series and can be considered as syntypes. One of the males, figured by D’ABRERA (1993: 498, as “*A. chitralensis* male R” [paralectotype]), is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**chitralica** EVANS, 1925: 347 (as subspecies of *Lycaena galathea*). LECTOTYPE, male, designated here. Chitral, 8000, 8.01. / W. H. EVANS, B.M. 1932-274. / BMNH(E) 265036. 3 male, 4 female paralectotypes: coll. EVANS, PAKISTAN (Chitral); BMNH(E) ## 265037–265043.

Currently placed as subspecies of *Polyommatus (Albulina) galathea* (BLANCHARD) (BRIDGES, 1994: VIII.104; IX.101).

Described from an unstated number of specimens from “Chitral”. There are in the BMNH four males and four females originating from the EVANS collection and these specimens can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**christophi** STAUDINGER, 1874: 87 (as species of *Lycaena*). 1 male, 1 female paralectotypes: ex STAUDINGER, coll. GODMAN-SALVIN, IRAN (N. Persia); BMNH(E) ## 264440, 264441.

Currently placed as species of *Plebejus (Lycaeides)* (BRIDGES, 1994: VIII.105; IX.94.).

Lectotype designated by OLIVIER et al. (1998: 91).

**chrysopsis** GRUM-GRSHIMAILO, 1888: 306 (as species of *Lycaena*). LECTOTYPE, male, designated by BÁLINT in D’ABRERA (1993: 498). Beik, 11.VII.87. / Hindukush or. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 265077. 3 male, 3 female paralectotypes: coll. GRUM-GRSHIMAILO; TAJIKISTAN (Hindukush or. and Beik); BMNH(E) ## 265078–265083.

Currently placed as species of *Polyommatus (Albulina)* (BRIDGES, 1994: VIII. 105; IX.101).

The specimen selected here as lectotype is figured by D’ABRERA (1993: 498, as “*A. chrysopsis* male R”).

**ciscaucasica** FORSTER, 1956: 86, pls 10, 11, figs 17–19 (as subspecies of *Agrodiaetus carmon*). 1 male, 1 female paratypes: leg. ZHICHAREV, RUSSIA (Kislovodsk); BMNH(E) ## 265634, 265635.

Secondary homonym of *Lycaena corydon ciscaucasica* JACHONTOV (1914: 300) and replaced by *Polyommatus (Agrodiaetus)* nom. nov. *carmonides* of ECKWEILER (1997: 21). Currently placed as species in the *damon*-group of *Polyommatus (Agrodiaetus)* (ECKWEILER & HÄUSER, 1997: 136).

**claraobscura** VERITY, 1931: 54 (as geographic race of *Lycaeides argus*). LECTOTYPE, male, designated here. Basses-Alpes, Larche, Juillet 1897. (3 Coulet) / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265452.

Currently listed as unavailable, unused name in subjective synonymy of *Plebejus argus* (LINNAEUS) (BRIDGES, 1994: VIII.109; IX.90).

Described from a series of specimens collected “in the Valley of Arc, in Savoy, near Bonneval, 1800 m. to Vallonet, at 2200”, taken by STEMPPFER. These specimens (five males, considered syntypes), are in the VERITY-collection (KUDRNA, 1983: 25–26). In the original description VERITY writes: “which [the syntypes] all exhibit the features of the little race of high altitudes on the French watershed of the Western Alps, well illustrated by OBERTHÜR in his Etudes Léop. Comp. 4., fig. 315–6, from Larche, m. 1700 to 2000

(Basses Alpes)\*. I also consider these specimens as syntypes. Thus the male, located in the BMNH, is hereby designated LECTOTYPE and has been labelled accordingly.

**cleopatra** HEMMING, 1934b: 30 (as species of *Plebejus*). Holotype, female. Tel Khuweilfe, n. Beer-sheba, 17.IV.'23., L. K. LOCKHARDT / Palestine, A. F. HEMMING, coll. / BMNH(E) # 264508. Currently placed as subspecies of *Plebejus* (*Plebejides*) *pylaon* (FISCHER VON WALDHEIM) (BRIDGES, 1994: VIII.110; IX.96).

**clitophon** GROSE-SMITH, 1895: 507 (as species of *Talicauda*). LECTOTYPE, male, designated here. Wetter, May, 1892, W. DOHERTY / ROTHSCHILD, Bequest, B.M. 1939-1. / BMNH(E) # 264356. 7 male, 3 female paralectotypes: Bequest ROTHSCHILD, leg. DOHERTY, INDONESIA (Wetter); BMNH(E) ## 264357-264366.

Currently placed as subspecies of *Chilades cleotas* (GUÉRIN-MÉNEVILLE) (BRIDGES, 1994: VIII.110; IX.25). Described from a series of male and female specimens from "Wetter", collected by DOHERTY. There are in the BMNH nine males and three females, which originate from this series and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**contracta** BUTLER, 1880: 406, pl. 39, fig. 3 (as species of *Lampides*). Lectotype, male. Candahar, 80.36. / BMNH(E) # 264403. 1 female paralectotype: ex BUTLER, AFGHANISTAN (Candahar); BMNH(E) # 264404.

Currently placed as species of *Lachides* (BRIDGES, 1994: VIII.118; IX.60).  
Lectotype designated by NEKRUTENKO (1984: 36).

**coreana** TUTT, 1909: 201 (as geographic race of *Plebeius argus*). LECTOTYPE, male, designated here. Gensan, Corea, June, 1886., LEECH / LEECH Coll., 1901-173. / BMNH(E) # 265513. 15 male, 5 female paralectotypes: coll. LEECH; KOREA (SOUTH) (Gensan); BMNH(E) ## 265514-265525, 265834-265840.

Currently placed as subjective synonym of *Plebejus argus micrargus* (BUTLER) (BRIDGES, 1994: VIII.119; IX.91).

Described from four males and three females from "Japan" (coll. PRYER), nine males and three males from "Gensan, Corea" (coll. LEECH) and from a pair taken at "Asuma, Japan" (July 12, Sansom). There are in the BMNH 15 males and six females, the PRYER and LEECH specimens of the original series. One of the males from the LEECH collection is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**corsica** BELLIER, 1862: 615, pl. 14, f. 5 (as geographic variation of *Lycaena aegon*). LECTOTYPE, male, designated here. Corse, Montagnes / Ex Coll. BELLIER / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265472. 3 female paralectotypes: coll. BELLIER, FRANCE (Corse); BMNH(E) ## 265473-263475.

Currently placed as species of *Plebejus* (BRIDGES, 1994: VIII.120; IX.92).

Described from an unstated number of male and female specimens from Corsica. There are in the BMNH one male and three females from the BELLIER collection, which can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The females are similarly designated paralectotypes.

**csomai** BÁLINT, 1992b: 434, figs 6-7 (as species of *Polyommatus* [*Kretania*]). Holotype, male. Chitral, 23.6.'03., A. R. C. SAUNDERS., 1904-237. / S. L. Loewi, Rot., 23.6., female. / BMNH(E) # 264443. 3 male, 1 female paratypes: leg. SAUNDERS, PAKISTAN (Chitral); BMNH(E) ## 264444-264447.

Currently placed as species of *Polyommatus* (*Kretania*) (BRIDGES, 1994: VIII.125; IX.103).

**dagmara** GRUM-GRSHIMAILO, 1888: 306 (as species of *Lycaena*). LECTOTYPE, male, designated here. Chingve-Darja, Darwas, 10.VI.'85. / Orig. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 264656.

5 male, 1 female paralectotypes: coll. GRUM-GRSHIMAILO, TAJIKISTAN (Darwas); BMNH(E) ## 264657–264662, 264664.

Currently placed as species in the *dagmara*-group of *Polyommatus* (*Agrodiaetus*) (ECKWEILER & HÄUSER, 1997: 140).

Described from an unstated number of male and female specimens from “Darwas”. There are in the BMNH six males and a single female originating from this series and can be considered as syntypes with certainty. One of the males, figured by D’ABRERA (1993: 504, as “*P. dagmara* male R”), is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**damalis** RILEY, 1921: 597 (as subspecies of *Lycaena damone*). LECTOTYPE, male, designated here. N.W. Persia, Karind Gorge, 6000 ft, 13.VII.1918, H. D. PEILE, 1921-17. / BMNH(E) # 264250. 1 female paralectotype: leg. PEILE, IRAN (Karind Gorge); BMNH(E) # 264251.

Currently placed as subspecies of *Polyommatus* (*Agrodiaetus*) *cyaneus* (STAUDINGER) (ECKWEILER & HÄUSER, 1997: 140).

Described from one male and one female specimen from “Karind Gorge”, collected by PEILE in 1918. These specimens are in the BMNH collection, the male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**dardanus** FREYER, 1845: 59 (as species of *Papilio Lycaena*). LECTOTYPE, male, designated here. Ex Coll. FREYER / ROTHSCHILD, Bequest, B.M. 1939-1. / BMNH(E) # 265181. 1 female, paralectotype: FREYER coll., Turkey; BMNH(E) # 265119.

Currently placed as subspecies of *Polyommatus* (*Agriades*) *pyrenaicus* (BOISDUVAL) (BRIDGES, 1994: VIII.132; IX.100).

Described on the basis of a pair of specimens (one male and one female) from the European part of the Ottoman Empire. I could locate these specimens in the BMNH having the original yellow label of the FREYER collection. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

The type locality of the species is Brussa (FRIVALDSZKY, 1845: 176: “Brussa vidéke” = vicinity of Brussa).

**deebi** LARSEN, 1974b: 305, fig. 3 (as species of *Agrodiaetus*). 1 male, 1 female paratypes: leg. LARSEN, LIBANON (Nabi Sbat); BMNH(E) ## 264527, 264528.

Currently placed as “possible” subspecies of *Polyommatus* (*Agrodiaetus*) *poseidon* (ECKWEILER & HÄUSER, 1997: 120, 141).

**delattini** JUNGE, 1971: 35, figs 1–4 (as subspecies of *Plebejus pylaon*). 1 male, 1 female paratypes: leg. JUNGE, ITALY (Südtirol: Vinschgau); BMNH(E) ## 265731, 265732.

Currently placed as subspecies of *Plebejus* (*Plebejides*) *pylaon* (FISCHER VON WALDHEIM) (BRIDGES, 1994: VIII.134; IX. 96).

**deprei** TYTLER, 1926: 585, pl. 1, fig. 5 (as subspecies of *Lycaena galathea*). LECTOTYPE, male, designated here. Mataian, Ladakh, 10500, 26.7.'23. / TYTLER Coll., B.M. 1939-614. / BMNH(E) # 265049. 3 male paralectotypes: TYTLER coll., INDIA (Ladakh); BMNH(E) ## 265050–265052.

Currently placed as subspecies of *Polyommatus* (*Albulina*) *galathea* (BLANCHARD) (BRIDGES, 1994: VIII.136; IX.101).

Described from unstated number of specimens from “Dras, Ladak”. There are in the BMNH four males from the TYTLER collection, which certainly originate from this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**deserticola** ELWES, 1899: 325 (as geographic variation of *Lycaena cyane*). LECTOTYPE, male, designated here. S. E. Altai, Tchuja Valley, 4–6000 ft., 19.7. (K. A.) [Kuch Agatek], H. J. ELWES / ELWES Coll.,

26 A list of the type specimens of *Polyommatus* sensu ELIOT in the Natural History Museum

1902-85. / BMNH(E) # 264475. 2 male, 3 female paralectotypes: leg. ELWES, RUSSIA (S. Altay: Tchuja Valley); BMNH(E) ## 264476–264480. (Colour plate I, figs 15–18; colour plate II, figs 19, 20)  
Currently placed as subspecies of *Polyommatus (Agrodiaetus) cyane* (EVERSMANN) (BRIDGES, 1994: VIII.137; IX. 100).

Described from an unstated number of male and female specimens from “Tchuja Steppe” taken in July. There are in the BMNH three males and three females, which certainly originate from these specimens. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**devanica** MOORE, [1875]: 573, pl. 66, fig. 4 (as species of *Polyommatus*). LECTOTYPE, male, designated here. Ladak, Dras Valley, Capt. HELLARD / MOORE Coll., 1908-208. / BMNH(E) # 264584.  
Currently placed as species of *Polyommatus* (BRIDGES, 1998: VIII.138; IX.97).

Described from an unstated number of specimens from “Ladak” taken by Capt. HELLARD. There is a single male in the BMNH from the MOORE collection, collected in Ladak by HELLARD. This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

**difficillima** FORSTER, 1956: 76, pls 10, 11, figs 5, 10 (as subspecies of *Agrodiaetus transcaspica*). 1 female paratype: coll. CHRISTOPH, IRAN (Shahkuh); BMNH(E) # 265630.  
Currently placed as subspecies of *Polyommatus (Agrodiaetus) transcaspicus* (STAUDINGER) (ECKWEILER & HÄUSER, 1997: 144).

**dis** GRUM-GRSHIMAILO, 1891: 453 (as species of *Lycaena*). Holotype, male. Amdo / 2.VII.'90.; Orig. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 265154.

Currently placed as species of *Polyommatus (Agriades)* (BRIDGES, 1994: VIII.142; IX.99).  
Described on the basis of a single male specimen taken in the alpine regions of “Amdo”. The specimen is figured by D'ABRERA (1993: 494, as “*A. dis* male V”).

**donzelii** BOISDUVAL, 1832: 64, pl. 15, figs 1–3 (as species of *Argus*). LECTOTYPE, male, designated here. Gall. Alp. Russ., Ex Musaeo Dris BOISDUVAL / ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 264944. 1 male paralectotype: ex Museum BOISDUVAL; BMNH(E) # 264945.

Currently placed as subjective synonym of *Plebejus (Pseudaricia) nicias* (MEIGEN) (BRIDGES, 1994: VIII.146; IX.96).

Described from unspecified number of specimens from surroundings of Briançon taken in 1825 (BOISDUVAL, 1832: 65). There are in the BMNH two males from the BOISDUVAL collection, which certainly originate from these specimens. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining male specimen is similarly designated paralectotype.

**dorsumstellae** GRAVES, 1923: 156 (as subspecies of *Polyommatus candalus*). LECTOTYPE, male, designated here. Cedar Mtns., 8000–10000 Ft, P. D. GRAVES, e. VIII.1910. / Brit. Mus., 1922-4. / BMNH(E) # 264932. 3 male, 2 female paralectotypes: leg. GRAVES, LEBANON (Cedar Mtns); BMNH(E) ## 264933–264938.

Currently placed as subspecies of *Plebejus (Pseudaricia) isaurica* (STAUDINGER) (BRIDGES, 1994: VIII.146; IX.96).

Described from a series of male and female specimens from “Dhar-el-Khodib” and “Ain Haour”. There are in the BMNH three males and two females, which originate from this series and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes (one of the females is figured by D'ABRERA, 1993: 496, as “*A. isaurica dorsum-stellae* female R”).

**drasula** SWINHOE, 1910: 23, pl. 645, figs. 3 [male and female] (as subspecies of *Polyommatus eros*). LECTOTYPE, male, designated here. Kardong Pass, 15–17.000 ft, Aug. 1889, McARTHUR Coll. / LEECH Coll. 1901-173. / BMNH(E) # 264739. 3 male, 1 female paralectotypes: coll. McARTHUR, INDIA (Kardong Pass); BMNH(E) ## 264740–264743.



Currently placed as species of *Polyommatus* (BRIDGES, 1994: VIII.147; IX.97).

Described from an unstated number of male and female specimens from "Kardong Pass". There are in the BMNH four males and one female from the SWINHOE collection taken in the Kadong Pass. These specimens can be considered as syntypes with certainty. One of the males, figured also by SWINHOE, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

The primary types of the taxa *ariana* and *drasula* are indistinguishable, I could not find any diagnostic character to separate them. Consequently I consider the two taxa as synonyms: *Polyommatus ariana* MOORE, 1865 = *Polyommatus drasula* SWINHOE, 1910, **syn. nov.**

**droshana** EVANS, 1925: 349 (as subspecies of *Polyommatus eros*). LECTOTYPE, male, designated here. Jhela Drosh, Chitral, Capt. S. W. HARRIS, 98-182. / BMNH(E) 264737. 1 female paralectotype: leg. HARRIS, PAKISTAN (Chitral); BMNH(E) # 264738.

Currently placed as subspecies of *Polyommatus eros* (OCHSENHEIMER) (BRIDGES, 1994: VIII.147; IX.98). Described from an unstated number of specimens from "Chitral". There are in the BMNH one male and one female originating from the EVANS collection, which can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The remaining female is similarly designated paralectotype.

It is impossible to distinguish the taxa *ariana* and *droshana* on the basis of their primary types, therefore I consider them as synonyms. Consequently *Polyommatus ariana* [MOORE, 1865] = *Polyommatus eros droshana* EVANS, 1925, **syn. nov.**

**drunela** SWINHOE, 1910: 27, pl. 646, figs 3a, 3b (as species of *Polyommatus*). LECTOTYPE, male designated here. Peshawur, 21.9.'86. / Ex Coll. HAMILTON DRUCE, 1919. / JOICEY, Bequest, Brit. Mus. 1934-120. / BMNH(E) # 264570. 3 male, 1 female paralectotypes: coll. HAMILTON DRUCE, PAKISTAN (Peshawur); BMNH(E) ## 264571-264574.

Currently placed as subspecies of *Polyommatus stoliczka* (FELDER & FELDER) (BRIDGES, 1994: VIII.148; IX.99).

Described from an unstated number of male and female specimens from "Peshawar". There are in the BMNH four males and one female taken in Peshawar and originating from the SWINHOE collection. These specimens can be considered as syntypes with certainty. One of the males, figured by SWINHOE, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

It is not possible to distinguish the taxa *bilucha* and *drunela* on the basis of their primary types, thus I consider them as synonyms. Consequently *Lycaena bilucha* MOORE, 1884 = *Polyommatus drunela* SWINHOE, 1910, **syn. nov.**

**dschagatai** GRUM-GRSHIMAILO, 1887: 400 (as species of *Lycaena*). LECTOTYPE, male, designated here. Shir-Abad, Buchara / 18.IV.'85. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 140572. 2 male, 2 female paralectotypes: coll. GRUM-GRSHIMAILO, UZBEKISTAN (Buchara: Shir-Abad, Perowsk); BMNH(E) ## 140565, 140566, 140573, 140576.

Currently placed as subspecies of *Polyommatus (Albulina) orbitulus* (DE PRUNNER) (BRIDGES, 1994: VIII.148; IX.102).

Described from an unstated number of male and female specimens from "Schir-Abad, Kara-Kum" and the vicinity of "Perowsk" (GRUM-GRSHIMAILO, 1887: 365). There are in the BMNH three males and two females, which originate from the GRUM-GRSHIMAILO collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

The taxon is erroneously listed as subspecies of "*Polyommatus (Albulina) orbitulus*" by BRIDGES (1994: IX.102). According to the wing pattern of the type material, *dschagatai* belongs to the *idas*-group of *Plebejus*, but FORSTER (1936: 75) placed the taxon as subspecies of *argyrognomon* (BRGSTR.) and this is followed by TSHIKOLOVETS (1998: 98). This latter author made the remarks that *dschagatai* is a junior synonym of "*Lycaena argus* L. var. *maracandica*" ERSCHOFF (1874: 10). As I did not dissect any type

material, I cannot determine positively the specific relationship of the taxa in relation to *idas* and *argyrognomon*.

**dux** RILEY, 1926: 278, pl. 3, figs 4–5 (as species of *Polyommatus*). Holotype, male. N. India, U. P., N. Kumaon, Sub-Dist. M. Tohar, Gori R., Milam, 11000 ft., 6.VII.1924., H. G. CHAMPION / B.M. Type, No. Rh. 267., *Polyommatus dux*, male, RILEY / BMNH(E) # 264781. 2 male, 3 female paratypes: leg. CHAMPION, INDIA (Uttar Pradesh); BMNH(E) ## 264782–264784, 265710, 265711. Currently placed as species of *Polyommatus* (BRIDGES, 1994: VIII.150; IX.97).

**elbursica** FORSTER, 1956: 74, pls 10, 11, figs 3–4 (as subspecies of *Agrodiaetus transcaspica*). 2 male, 2 female paratypes: colls PFEIFFER and WILTSHIRE, IRAN (Elburs Mnts.); BMNH(E) ## 265626–265629. Currently placed as possible subspecies of *Polyommatus (Agrodiaetus) transcaspicus* (STAUDINGER) (ECKWEILER & HÄUSER, 1997: 121, 144).

**ella** BUTLER, 1881a: 606 (as species of *Catochrysops*). LECTOTYPE, male, designated here. Karachi, 81. 14. Dec. 1897. / BMNH(E) # 264405. 1 female paralectotype: coll. BUTLER, PAKISTAN (Karachi); BMNH(E) # 264406.

Currently placed as subjective synonym of *Lachides contracta* (BUTLER) (BRIDGES, 1994: VIII.155; IX.60). Described from an unstated number of male and female specimens from “Karachi”. There is in the BMNH a pair of specimens, one male and one female, which certainly originate from these specimens. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype, but represent a different species, namely *Euchrysops cnejus* (Fabricius) and marked as such.

Concerning the systematic placement of the taxon see my note in BÁLINT & JOHNSON (1997: 13, footnote #5).

**ellisoni** PFEIFFER, 1931: 65 (as species of *Lycaena*). Syntype, male. PFEIFFER leg., SYRIA (Lebanon, Bscharre). No BMNH(E) #.

Currently placed as species of *Polyommatus (Neolysandra)* (BRIDGES, 1994: VIII.155; IX.106).

**epidolus** BOISDUVAL, 1840: 13 (as species of *Lycaena*). LECTOTYPE, male, designated here. Ex Museo, Dris BOISDUVAL / '33 / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 263951. 2 male paralectotypes: coll. BOISDUVAL; BMNH(E) ## 263952, 263953.

Currently placed as probably synonym of *Polyommatus (Agrodiaetus) menalcas* (FREYER) (ECKWEILER & HÄUSER, 1997: 144).

Described from an unspecified number of specimens from “Turcia”. There are in the BMNH three males, which certainly originate from this series and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

The synonymy with *menalcas* proposed by ECKWEILER & HÄUSER (1997: 144) is confirmed here, because the taxa cannot be distinguished on the basis of their primary types, consequently: *Lycaena menalcas* FREYER, 1839 = *Lycaena epidolus* BOISDUVAL, 1840, **syn. nov.**

**erigone** GRUM-GRSHIMAILO, 1890: 396 (as geographic variation of *Lycaena eros*). LECTOTYPE, male, designated here. Sarykol / R. Moughbar / 9.VII.'87. / Coll. GR.-GR. / ELWES Coll., 1902-95. / BMNH(E) # 264684. 7 male, 3 female paralectotypes: coll. GRUM-GRSHIMAILO, TAJIKISTAN (Ak-Su, Sarykol); BMNH(E) ## 264685–264694.

Currently placed as species of *Polyommatus* (BRIDGES, 1994: VIII.161; IX.97).

Described from an unstated number of male and female specimens from the central region of Pamir (“Ak-Baital” and “Bach-Mourgab”). There are in the BMNH eight males and three females, which certainly originate from this series and can be considered as syntypes with certainty. One of the males, figured by D'ABRERA (1993: [503], as “*P. erigone* male R”), is hereby designated LECTOTYPE and has

been labelled accordingly. The remaining specimens are similarly designated paralectotypes (two of them, one male and one female are figured by D'ABRERA, l. c.).

BALLETTO & KUDRNA (1989: 252) suggested the synonymy of *erigone* with *amor*. Later NEKRUTENKO considered *Lycaena erigone* as senior subjective synonym of *Polyommatus annamaria* (in NEKRUTENKO & TSHIKOLOVETS, 1995: 28). NEKRUTENKO failed to study primary type material at first hand when he synonymized the taxa under discussion. According to original description of *erigone* "par le bandette (Wisch), particulièrement longue et large, qui avance jusqu'à la base même de l'aile presque toujours couverte de décaillies vert métallique" (GRUM-GRSHIMAILO, 1890: 397). This matches the specimen selected above as lectotype of *erigone*. But it does not typify the holotype of *annamaria* (figured in colour by TSHIKOLOVETS, 1997a: [239], pl. 40, figs 29–30). Consequently I consider *P. erigone* as senior synonym of "*P. erigone* ssp." TSHIKOLOVETS (1997a: pls 34–35, figs 9–10.) and resurrect *annamaria* to specific status: *Polyommatus annamaria* BÁLINT, 1992, bona spec., **stat. rev.**

**errans** RILEY, 1927: 128 (as subspecies of *Lycaena dis*). Holotype, male. Tibet, Phari, 14000, 20.VII. 1924, Mj. R. W. HINGSTON / Everest Exp., Brit. Mus., 1924-380. / BMNH(E) # 265165.

Currently placed as subspecies of *Polyommatus (Agriades) dis* (GRUM-GRSHIMAILO) (BRIDGES, 1994: VIII.162; IX.99).

**euaemon** HEMMING, 1931a: 536 (as subspecies of *Polyommatus eurypilus*). Holotype, male. Hermon, 5600 ft, NICHOLL / ELWES Coll., 1902-85. / BMNH(E) # 265749. 2 female paratypes: ELWES coll., leg. NICHOLL, LEBANON (Hermon); BMNH(E) ## 265750, 265751.

Currently placed as subspecies of *Polyommatus (Kretania) eurypilus* (FREYER) (BRIDGES, 1994: VIII.165; IX. 103).

**eurypilus** FREYER, 1852: 46, pl. 573, fig. 4 (as species of *Lycaena*). LECTOTYPE, female, designated here. Ex Museo, A. KUWERT, 1894.; Ex OBERTHÜR coll., Brit. Mus. 1927-3. / BMNH(E) # 264448.

Currently placed as species of *Polyommatus (Kretania)* (BRIDGES, 1994: VIII.168; IX.103).

Described from a series of specimens from Turkey. There is in the BMNH a single female, which bears the characteristic yellow label of the former FREYER collection (the same in the case of *dardanus*, *menalcas*, etc.). This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

**evansi** FORSTER, 1956: 50 (as subspecies of *Agrodiaetus caerulea*). Holotype, male. Chitral, 12000, 8.01 / W. H. EVANS, Brit. Mus., 1927-82. / BMNH(E) # 264270.

Currently placed as probably synonym of *Polyommatus florenciae* (TYTLER) or a subspecies of *Polyommatus (Agrodiaetus) poseidonides* (STAUDINGER) (ECKWEILER & HÄUSER, 1997: 145).

Holotype figured by D'ABRERA (1993: 502, as "*P. florenciae* male V").

**everesti** RILEY, 1923: 473, pl. 36, figs 1–3. (as species of *Polyommatus*). LECTOTYPE, male, designated here. Tibet, Kharta, 12000 ft, 7.VIII.1921, A. F. R. WOLLASTON / Everest Exp., Brit. Mus. 1932-73. / Brit. Mus. 1936-438. / BMNH(E) # 264759. 8 male, 9 female paralectotypes: Everest Expedition, leg. WOLLASTON, NEPAL (Chung Pu, Kharta, Rebu, Rongshar); BMNH(E) ## 264757, 264758, 264760–264771, 264787, 264788, 265708, 265709.

Currently placed as species of *Polyommatus* (BRIDGES, 1994: VIII.169; IX.98).

Described from a series of 31 male and 12 female specimens from various localities of the Nepali Himalayas, collected by the Everest 1921 Expedition. According to the original description 12 males and 6 females are deposited in the BMNH. I could locate all of these specimens blue females were counted as males by RILEY). One of the males, figured by D'ABRERA (1993: 500, as "*P. everesti* male R"), is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes (two of them, one male and one female, are figured by D'ABRERA, l. c.).

**eversmanni** LANG, 1884: 370 (as species of *Lycaena*). LECTOTYPE, male, designated here. Samarkand, Ex STAUDINGER / GODMAN-SALVIN, Coll. 1906-110. / BMNH(E) # 266442.

Currently placed as species of *Plebejus* (BRIDGES, 1994: VIII.169; IX.92).

Unintended description of a name presumed to be published by STAUDINGER, described from an unspecified number of male specimens from "Samarkand" originating from the GODMAN collection. There is in the BMNH a single male, which certainly originate from these specimens and can be considered as syntype with certainty. This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

**eversmanni** STAUDINGER, 1886: 205 (as species of *Lycaena*). LECTOTYPE, male, designated here. Samarkand, Ex STAUDINGER / GODMAN-SALVIN, Coll. 1906-110. / BMNH(E) # 266442 (265226). 1 female paralectotype: coll. GODMAN-SALVIN, ex STAUDINGER, UZBEKISTAN (Samarkand); BMNH(E) # 265227. Currently placed as species of *Plebejus* (BRIDGES, 1994: VIII.169; IX.92).

Described from an unspecified number of specimens from the mountainous regions around "Margelan", "Osch", "Namangan" and "Samarkand", where the specimens were collected in June and July. There is in the BMNH one male and one female specimen from STAUDINGER collection, which certainly originate from these specimens. The male, designated above as lectotype of *Lycaena eversmanni* LANG, 1884, is hereby also designated LECTOTYPE and has been labelled accordingly. The female specimen is similarly designated paralectotype.

As the primary type specimens of *eversmanni* LANG and *eversmanni* STAUDINGER are identical, these taxa are objective synonyms, therefore there is no need for the replacement name of *Plebejus ardis* BÁLINT & JOHNSON (1997: 14, footnote # 7.), consequently *Lycaena eversmanni* LANG, 1884 = *Plebejus ardis* BÁLINT & JOHNSON, 1997, **syn. nov.**

**excellens** BUTLER, [1876]: 616, pl. 67, figs 1-2 (as species of *Scolitantides*). LECTOTYPE, male, designated here. Yanna, New Hebrides, 3.4.'75. / BMNH(E) # 264372. 1 female paralectotype: coll. BUTLER, VANUATU (Yanna); BMNH(E) # 264373.

Currently placed as subspecies of *Chilades cleotas* (GUÉRIN-MÉNEVILLE) (BRIDGES, 1994: VIII.170; IX.25). Described from a series of male and female specimens from "New Hebrides". There are in the BMNH two specimens from New Hebrides originating from the BUTLER collection. These specimens certainly originate from this series. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**fabressei** OBERTHÜR, 1910: 260 (as geographic variation of *Lycaena rippertii*). LECTOTYPE, male, designated here. Espagne, Albarracin, J. FABRESSE, VII.VIII. 1907. / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 263948. 1 male paralectotype: coll. OBERTHÜR, leg. FABRESSE, SPAIN (Albarracin); BMNH(E) # 263949.

Currently placed as species in the *admetus*-group of *Polyommatus* (*Agrodiaetus*) (ECKWEILER & HÄUSER, 1997: 148.).

Described from a series of male and female specimens from "Albarracin" taken by M. FABRESSE, in August of 1907. There are in the BMNH two specimens, one male and one female, which originate from this series and can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**felicia** EVANS, 1932: 227 (as subspecies of *Polyommatus sieversii*). LECTOTYPE, male, designated here. Beluchistan, Urak, 7000', 11.5.'30. / W. H. EVANS, B.M. 1932-274. / BMNH(E) # 264620. 1 female paralectotype: coll. EVANS, PAKISTAN (Baluchistan: Kam Mehtrazai Pass); BMNH(E) # 264621. Currently placed as subspecies of *Polyommatus* (*Farsia*) *sieversii* (CHRISTOPH) (BRIDGES, 1994: VIII.175; IX.103).

Described from a series of male and female specimens from Baluchistan ("Urak" and "Kam Mehtrazai Pass") taken by EVANS. There are in the BMNH two specimens, one male and one female, which originate from this series and can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**felix** OBERTHÜR, 1886: 21, pl. 7, fig. 52 (as species of *Lycaena*). LECTOTYPE, male, designated here. Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 264926.

Currently placed as species of *Patricius* (BRIDGES, 1994: VIII.175; IX.87).

Described from an unstated number of specimens from "Ta-Tsien-Lou", collected by Mgr BIET. There is in the BMNH a single male. This specimen, figured by OBERTHÜR, is hereby designated LECTOTYPE and has been labelled accordingly.

**fergana** STAUDINGER, 1881: 262 (as species of *Lycaena*). 1 male, 1 female syntypes: coll. GODMAN-SALVIN, ex STAUDINGER, UZBEKISTAN (Ferghana); BMNH(E) ## 264629, 264630.

Currently places as species of *Polyommatus* (*Plebejidea*) (BRIDGES, 1994: VIII.175; IX.106).

**fergana** TUTT, 1909: 271 (as geographic race of *Cyaniris semiargus*). LECTOTYPE, male, designated here. Namangan, Centr. Asia, ex STAUDINGER, coll. GODMAN-SALVIN, / coll. GODMAN-SALVIN 1906-110. / BMNH(E) # 265810. 3 male, 2 female paralectotypes: coll. ELWES, KYRGYSTAN (Tien-Shan), RUSSIA (Alarsk, Bashkaus); BMNH(E) ## 265811-265815.

Currently placed as subjective synonym of *Polyommatus* (*Cyaniris*) *semiargus* (ROTTEMBURG) (BRIDGES, 1994: VIII.175; IX.102).

Described from one male from "Namangan", one male and one female from "Aralsk", one male and one female from "Bashkaus" and one male from "Thian-Schahn or.". I could locate in the BMNH all these specimens, which are syntypes. The male from "Namangan" is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

BRIDGES (1994: VIII.175) listed the name as objectively unavailable, because according to his source it was described as an aberration. In truth the taxon was described as "var. *mesopotamica*, n. var." amongst "the races of the orient".

**firdussi** FORSTER, 1956: 58, pls 8, 9, figs 16, 17 (as subspecies of *Agrodiaetus damone*). 10 male, 2 female paratypes: colls CHRISTOPH, WILTSHIRE and ZELLER, IRAN (Elburs: Lar Valley, Siah Pala; Shahkuh); BMNH(E) ## 265612-265622; 265676.

Currently placed as species in the *damon*-group of *Polyommatus* (*Agrodiaetus*) (ECKWEILER & HÄUSER, 1997: 148).

**florenciae** TYTLER, 1926: 583, pl. 1, fig. 4 (as species of *Lycaena*). LECTOTYPE, male, designated here. Baroghil, [illegible] / TYTLER Coll., B.M. 1939-614. / BMNH(E) # 264729. 1 male paralectotype: TYTLER coll., PAKISTAN (Baroghil); BMNH(E) # 264733.

Currently placed as subspecies of *Polyommatus* (*Agrodiaetus*) *poseidonides* (STAUDINGER) (ECKWEILER & HÄUSER, 1997: 148).

Described from a series of specimens from "Baroghil Pass". There are in the BMNH two males from the TYTLER collection, which certainly originate from this series. One of the males, figured by D'ABRERA (1993: [503] as "*P. florenciae* male R") is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimen is similarly designated paralectotype (figured by D'ABRERA, l.c. as "*P. florenciae* male V").

ECKWEILER & HÄUSER (1997: 77) write that the taxon is described on the basis of a single male specimen, the holotype, which is an erroneous statement. In the original description there is no indication by TYTLER neither to the status, nor the number of the specimens. The specimen figured by D'ABRERA as "*P. florenciae* male V" (D'ABRERA, 1993: [503]), actually the paralectotype of *florenciae* but also the holotype of *P. evansi* FORSTER.

Comparing the lectotypes of *bilucha* MOORE and *florenciae* TYTLER I could not find any distinguishing character, which separates them; therefore I consider them as synonyms. Consequently *Polyommatus bilucha* MOORE, 1884 = *Lycaena florenciae* TYTLER, 1926, **syn. nov.**

**forresti** BÁLINT, 1992b: 428, figs 4-5 (as species of *Polyommatus*). Holotype, male. Yunnan, 1918, G. FORREST / M. J. MANSFELD, coll., B.M. 1950-244. / BMNH(E) # 264705. 12 male, 9 female paralectotypes: leg. FORREST, CHINA (Yunnan); BMNH(E) ## 264706-264727.

Currently placed as species of *Polyommatus* LATR. (BRIDGES, 1994: VIII.180; IX.1992).

Holotype male and paratype female specimens of the taxon are figured by D' ABRERA (1993: 502; as "*Polyommatus?* sp. BALINT M/S"). D' ABRERA mentioned the manuscript name "*akmeicius*" [misspelling, = *akmeicus*] but did not give any diagnosis, therefore it is not available, consequently *Polyommatus forresti* BALINT, 1993 = *Polyommatus akmeicius* D' ABRERA, 1993 *nomen nudum*. HUANG (1998: 266) applied the name of D' ABRERA and gives brief diagnosis based on male genitalic characters, consequently *Polyommatus forresti* BALINT, 1992 = *Polyommatus akmeicius* HUANG, 1998, *syn. nov.*

*forsteri* SAKAI, 1978: 111, figs 1–4 (as subspecies of *Agriades pheretiades*). Holotype, male. Afghanistan, Paghman Mts., 3300–3800 m, Aug. 4–10, 1972, leg. SAKAI / BMNH(E) # 265132. 1 male, 2 female paratypes: SAKAI leg., AFGHANISTAN (Paghman Mts.); BMNH(E) ## 265133, 265720, 265721. Currently placed as subspecies of *Polyommatus (Agriades) pheretiades* (EVERSMANN) (BRIDGES, 1994: VIII.181; IX.99).

*fraterluci* BALINT, 1995a: 94, figs 1–2 (as species of *Polyommatus*). Holotype, male. India, E. Punjab, Kangra dist., Kulu, Dibibogri Nal., Runi Thach, 12800, 11.VII.1952. / E. A. C. L. E. SCHELPE, Brit. Mus. 1953-171. / no BMNH(E) #. 5 male paralectotypes: leg. SCHELPE, INDIA (E. Punjab); BMNH(E) ## 264539–264543.

The holotype and one of the paratypes are figured by D' ABRERA (1993: 501, as "*P. fraterluci* ♂ R" [holotype] and "*P. fraterluci* ♂ V" [paratype]).

*fugitiva* BUTLER, 1881a: 606 (as species of *Lycaena*). LECTOTYPE, male, designated here. Quetta, 81. 14., 28. March, 1880. / BMNH(E) # 264841. 1 male, 1 female paralectotypes: ex BUTLER coll., PAKISTAN (Quetta); BMNH(E) ## 264842, 265765.

Currently placed as subspecies of *Polyommatus icarus* (ROTTEMBURG) (BRIDGES, 1994: VIII.182; IX.99). Described from three pairs of specimens, of which the females were much worn, from "Quetta". There are in the BMNH two males and one female, which certainly originate from these specimens. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

*gabarronkayi* BALINT, in BALINT & JOHNSON, 1997: 48, pls 3–4, fig. 4 (as species of *Albulina*). Holotype, male. S. E. Thibet, Ralung, 26.VIII.1924., W. H. EVANS / BMNH(E) # 264854. 1 male paratype: Everest Exped., CHINA (Tibet: Raphu); BMNH(E) # 264855.

*gades* FRUHSTORFER, 1915: 48 (as subspecies of *Luthrodes cleotas*). LECTOTYPE, male, designated here. Salomo Archipel, Shortlands Ins., C. RIBBE / FRUHSTORFER Coll., B.M. 1933-131. / BMNH(E) # 264374. 1 female paralectotype: coll. FRUHSTORFER, SOLOMON ISLANDS (Salomo Archipel); BMNH(E) # 264375.

Currently placed as subspecies of *Chilades cleotas* (GUÉRIN-MÉNEVILLE) (BRIDGES, 1994: VIII.187; IX.25). Described from an unspecified number of specimens from "Salomonen, Shortlandinseln". There is in the BMNH a pair of specimens, one male and one female, which certainly originate from these specimens. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

*gallica* OBERTHÜR, 1910: 252 (as geographic variation of *Lycaena agestis*). LECTOTYPE, male, designated here. Ille-et-Vilaine, Cancele, CH. et. HENRI OBERTHÜR, Juillet 1909. / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265166. 1 female paralectotype: coll. OBERTHÜR, FRANCE (Cancele); BMNH(E) # 265167.

Currently placed as subjective synonym of *Plebejus (Aricia) agestis* (DENIS & SCHIFFERMÜLLER) (BRIDGES, 1994: VIII.188; IX.92).

Described from an unstated number of specimens from the vicinity of "Paris, Bretagne, Poitu" and certain part of the Pyrénées. There are in the BMNH two specimens (one male and one female) originating from the OBERTHÜR collection having the label "*gallica*" written by OBERTHÜR himself. The male is

hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**ganssuensis** GRUM-GRSHIMAILO, 1891: 450 (as geographic variation of *Lycaena argus*). LECTOTYPE, male, designated here. Amdo / Orig. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) 140561. 5 male, 2 female paralectotypes: coll GRUM-GRSHIMAILO, CHINA (Amdo, Kuku-Noor); BMNH(E) ## 140551, 140561, 140557, 140558, 140562, 265444, 265445.

Currently placed as subjective synonym of *Maculinea nausithous* (BERGSTRÄSSER) (BRIDGES, 1994: VIII.188; IX.71).

Described from an unstated number of specimens from "montibus Tetungensibus" at settlement "Schin-tschenj" and in the valley of the "Sinin river". There are in the BMNH six males and two females, which certainly originate from this series, labelled as "Amdo" or "Kuku-Noor". One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

According to wing characters (deep blue tint upperside ground colour with relatively wide black marginal border) the taxon belongs to the group of Central Asian local forms (subspecies) of *idas* and most probably takes priority over several taxa described from the region (cf. FORSTER, 1936: 102-105). BRIDGES listed *ganssuensis* erroneously as *nausithous* subspecies. I could not find out the source of this mistake, because none of the references cited by BRIDGES under *ganssuensis* puts the taxon in combination with *nausithous* (SEITZ, 1902: 301: "*L. (Lycaena) argyrognomon ganssuensis*" and NABOKOV, 1949, 9. 485: "*Lycaena ganssuensis*" [in a discussion of the Eurasian group of *Lycaeides argyrognomon*]).

**germanicae** PFEIFFER, 1932: 41 (as subspecies of *Lycaena löwii*). 3 male, 3 female syntypes: ROTH-SCHILD Bequest, leg. PFEIFFER, TURKEY (Marasch); BMNH(E) ## 264532-264537.

Currently placed as subspecies of *Polyommatus (Plebejidea) loewii* (ZELLER) (BRIDGES, 1994: VIII.191; IX.106).

**gigas** STAUDINGER, 1871: 10 (as variation of *Lycaena loewii*). 1 male, syntype: Taurus Mts., Turkey in Asia, Ex STAUDINGER / GODMAN-SALVIN, Coll. 1906-110. / BMNH(E) # 264645.

Currently placed as subjective synonym of *Polyommatus (Plebejidea) loewii* (ZELLER) (BRIDGES, 1994: VIII.192; IX.106).

**gilgitica** TYTLER, 1926: 584, pl. 1, fig. 7 (as subspecies of *Lycaena metallica*). LECTOTYPE, male, designated here. Ghizer, Gilgit, 9.'23. / TYTLER Coll., B.M. 1939-614. / BMNH(E) # 265084. 17 males, 1 female paralectotypes: TYTLER coll., PAKISTAN (Gilgit); BMNH(E) ## 265085-265101.

Currently placed as subspecies of *Polyommatus (Albulina) metallica* (FELDER & FELDER) (BRIDGES, 1994: VIII.192; IX.101).

Described from a series of male and female specimens taken in various localities in "Gilgit". There are in the BMNH 18 males and one female, originating from the TYTLER collection and certainly belonging to this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

As the taxa *chrysopsis* GR.-GR. and *gilgitica* cannot be distinguished from each other on the basis of the primary types I consider them as synonyms. Consequently *Lycaena chrysopsis* GRUM-GRSHIMAILO, 1888 = *Lycaena metallica gilgitica* TYTLER, 1926, **syn. nov.**

**gooraisica** TYTLER, 1926: 586 (as subspecies of *Polyommatus sarta*). LECTOTYPE, male, designated here. Goorais Valley, Sept. 1887, J. H. LEECH, 7000. / LEECH Coll. 1901. 173. / BMNH(E) # 264614. 2 male, 3 female paralectotypes: coll. LEECH, INDIA (Ladakh: Goorais); BMNH(E) ## 264615-264619. Currently placed as subspecies of *Polyommatus sarta* (ALPHÉRAKY) (BRIDGES, 1994: VIII.195; IX.99).

Described from an unstated number of male and female specimens taken by LEECH in the "Goorais valley". There are in the BMNH six specimens, three males and three females, from the LEECH collection,

which certainly originate from this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

Comparing the primary type of *devanicus* and that of *gooraisica* I could not find any character for distinguishing them. Therefore I consider them as synonyms. Consequently *Polyommatus devanica* MOORE, [1875] = *Polyommatus sarta gooraisica* TYTLER, 1926, *syn. nov.*

***gracilis*** EVANS, 1912: 559 (as subspecies of *Lycaena sarta*). LECTOTYPE, male, designated here. Chitral, 12.000, 7.01. / W. H. EVANS, B.M. 1932-274. / BMNH(E) # 264587. 1 female paralectotype: coll. EVANS, PAKISTAN (Chitral); BMNH(E) # 264588.

Currently placed as subspecies of *Polyommatus devanica* (MOORE) (BRIDGES, 1994: VIII.195; IX.97. [1875]).

Secondary homonym of *Lycaena gracilis* MISKIN (1890: 37, type locality: Queensland, Australia; current genus: *Famegana* ELIOT, 1973) replaced by *Polyommatus devanica evansi* TSHIKOLOVETS (1997a: 141), which is the secondary homonym of *Polyommatus evansi* (FORSTER, 1956), therefore a new name is required for the taxon: *Polyommatus devanica tshikolovetsi* BÁLINT, *nom. nov.*

***gravesi*** CHAPMAN, 1912: 159 (as species of *Agriades*). LECTOTYPE, male, designated here. Cedars, 6400, 6.VIII., 1910, P. P. G. / B.M. 1912-235. / BMNH(E) # 264466. 1 female paralectotype: leg. GRAVES, LEBANON (Cedars); BMNH(E) # 264467.

Currently placed as subjective synonym of *Polyommatus (Plebicula) thersites* (CANTENER) (BRIDGES, 1994: VIII.196; IX.107).

Described from three males and one female from "Cedars of Lebanon", taken by P. P. GRAVES at 6400 ft, end of August 1910. There is in the BMNH a pair of specimens, one male and one female, which certainly originate from this series. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

***griqua*** SCHAUS, 1902: 407 (as species of *Lycaena*). 1 male syntype. ROTHSCHILD Bequest, SCHAUS don., BRAZIL (Parana: Castro); BMNH(E) # 265563.

Currently placed as species of *Pseudolucia* (BRIDGES, 1994: VIII.197; IX.110). Secondary homonym of *Lycaena griqua* TRIMEN (1887: 84; type locality: South Africa; current genus *Tuxentius* LARSEN, 1982). Renamed as *Pseudolucia parana* BÁLINT (1993: 17).

***haberhaueri*** STAUDINGER, 1886: 206 (as geographic variation of *Lycaena sieversii*). 3 male, 2 female syntypes: GODMAN-SALVIN coll., ex STAUDINGER, UZBEKISTAN (Namangan); BMNH(E) ## 264624–264628.

Currently placed as subspecies of *Polyommatus (Farsia) siversii* (CHRISTOPH) (BRIDGES, 1994: VIII.199; IX.103).

***hanna*** EVANS, 1932: 227 (as subspecies of *Lycaena iris*). LECTOTYPE, male, designated here. Beluchistan, Ziarat, 8000 ft, 20.09.'30. / W. H. EVANS, B.M. 1932-274. / BMNH(E) #265206. 3 male, 1 female paralectotypes: coll. EVANS, PAKISTAN (Baluchistan: Gurlama Zhob, Murgha-Mehtarzai, Old Urak); BMNH(E) ## 265194, 265205, 265207, 265208.

Currently placed as subspecies of *Plebejus (Vacciniina)* (LANG) (BRIDGES, 1994: VIII.201; IX.96).

Described from a series of male and female specimens from various Baluchi localities. There are in the BMNH four males and one female, which originate from this series and can be considered as syntypes with certainty. One of the males, figured by D'ABRERA (1993: 492 as "*V. iris hanna* male R") is hereby designated as LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

***hayesi*** LARSEN, 1974a: 304 (as subspecies of *Meleageria daphnis*). 1 male paratype, leg. LARSEN, LEBANON (Nabi Sbat); BMNH(E) # 265687.

Currently placed as subspecies of *Polyommatus (Meleageria) daphnis* (DENIS & SCHIFFERMÜLLER) (BRIDGES, 1994: VIII.202; IX.106).



**helenae** GRUM-GRSHIMAILO, 1891: 453 (as geographic variation of *Lycaena myrrha*). Holotype, male. Guj-duj-sa / Amdo / 27.VI.'90. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 264931. Currently placed as subspecies of *Polyommatus eroides* (EMERICUS VON FRIVALD) (BRIDGES, 1994: VIII.24; IX.97). Secondary homonym of *Lycaena helenae* STAUDINGER (1862: 265, type locality: Greece, current genus: *Polyommatus*) replaced by *Lycaena eroides amdoensis* WNUKOWSKY (1929: 221).

**helenae** OBERTHÜR, 1910: 218, pl. 49, figs 415, 416 (as geographic race of *Lycaena escheri*). LECTOTYPE, male, designated here. Charente-Inférieure, Dompierre-s-Mer, P. BOULÉ, 5-12. Juin 1909. / Ex OBERTHÜR Coll. Brit. Mus. 1927-3. / BMNH(E) # 264512. 6 male, 3 female paralectotypes: coll. OBERTHÜR, leg. BOULÉ, FRANCE (Dompierre-s-Mer); BMNH(E) 264513-264521.

Currently listed as an objectively unavailable name (BRIDGES, 1994: VIII.203) under *Polyommatus (Plebicula) escheri* (HÜBNER) (BRIDGES, 1994: IX.106).

Described from a series of eight males and five females from "Charente-Inférieure, Dompierre-sur-Mey" taken by BOULÉ in 1907 and 1909. There are in the BMNH seven males and three females, which originate from this series and can be considered as syntypes with certainty. One of the males, figured by OBERTHÜR, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotype.

The taxon was satisfactorily described as geographic form so it is an available according to the "Code" (cf. Article 45(f), ii)<sup>2</sup>. It has been listed very recently as subspecies of *Polyommatus escheri* (HÜBNER, [1823]) (LERAUT, 1997: 185).

**hunza** GRUM-GRSHIMAILO, 1890: 397, pl. 55, fig. 2 (as species of *Lycaena*). LECTOTYPE, male, designated here. Beik / 11.VII.'87. / Hindukush or. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 264677. 1 male, 1 female paralectotypes: coll. GRUM-GRSHIMAILO, TAJIKISTAN (Hindukush or., Pamir); BMNH(E) ## 264523, 264683.

Currently placed as subspecies of *Polyommatus stoliczkana* (FELDER & FELDER) (BRIDGES, 1994: VIII.213; IX.99).

Described from unstated number of male and female specimens taken in alpine grassland of western Hindukush ("Beik", along river "Mazar", mountains of "Kounjout" and "Moustag"). There are in the BMNH two males and a single female, which certainly originate from these specimens. One of the male is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**hypochionagraeca** TUTT, 1909: 196 (as local race of *Plebeius argus*). LECTOTYPE, male, designated here. Parnass, "67, Rb. Cat. p. 35/ SCHULZ, 1869, ZELL. coll. / BMNH(E) # 265843. 1 female paralectotype: coll. ZELLER, GREECE (Parnass); BMNH(E) # 265844.

Not listed in BRIDGES (1994).

Described from one male and one female from "Parnass" taken by SCHULZ. I located these specimens in the BMNH, the male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

This taxon is based most probably on mislabelled specimens.

**iburiensis** BUTLER, [1882]: 852 (as species of *Lycaena*). LECTOTYPE, male, designated here. Hokkaido / FENTON Coll., Brit. Mus., 1923-613. / BMNH(E) # 265214.

Currently placed as subspecies of *Plebejus (Lycaeides) cleobis* (BREMER) (BRIDGES, 1994: VIII.216; IX.95).

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2 "Code" = International Code of Zoological Nomenclature (1985): Third edition, adopted by the XX General Assembly of the International Union of Biological Sciences. International Trust for Zoological Nomenclature in association with British Museum (Natural History). London & University of California Press, London, Berkeley, Los Angeles. xx + 338 pp.

Described from an unstated number of male specimens from "Hokkaido" collected by Prof. BALFOUR and deposited in the FENTON Collection. There is in the BMNH a single male, which originates from the FENTON collection and can be considered as syntype with certainty. This male is hereby designated LECTOTYPE and has been labelled accordingly.

SEITZ (1909: 300) mistakenly writes that the taxon is described on the basis of a single specimen (= holotype). In the original description there is no indication of this. The combination of BRIDGES, cited above, is erroneous from two aspects: 1) *Lycaena subsolanus* EVERSMANN, 1851 (type locality: Irkutsk) is senior synonym of *Lycaena cleobis* BREMER, 1861 (cf. NABOKOV, 1943: 88, footnote # 2) and 2) *iburiensis* seems to differ markedly from *subsolanus*, which is a large and blue tinted species (cf. D'ABRERA, 1993: 489, figs *P. subsolanus iburiensis* and *P. subsolanus subsolanus*) and they are probably not conspecific.

**icadius** GRUM-GRSHIMAILO, 1890: 402 (as geographic variation of *Lycaena icarus*). LECTOTYPE, male, designated here. Beik / 11.VII.'87. / Coll. GR.-GR. / ELWES Coll., Brit. Mus. 1928-85. / BMNH(E) # 265689. 1 male, 4 female paralectotypes: coll. GRUM-GRSHIMAILO, TAJIKISTAN (Hindukush or., Pamir: Beik); BMNH(E) ## 264834, 264835, 265688, 265712, 265719.

Currently placed as species of *Polyommatus* (s. str.) (BRIDGES, 1994: VIII.216; IX.98).

Described from a series of male and female specimens from the Ferghana region and the Pamirs ("Beik", "Karamouk"). There are in the BMNH two males and four females, which originate from the GRUM-GRSHIMAILO collection and can be considered as syntypes with certainty. One of the males, figured by D'ABRERA (1993: 499 as "*P. icadius* ?R"), is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes (two females are figured by D'ABRERA, l. c.).

**ida** GRUM-GRSHIMAILO, 1891: 451 (as species of *Lycaena*). LECTOTYPE, male, designated here. Amdo / Orig. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 265215. 3 male, 3 female paralectotypes: coll. GRUM-GRSHIMAILO, CHINA (Amdo, Kuku-Noor); BMNH(E) ## 265216-265221.

Currently placed as subspecies of *Plebejus* (*Lycaeides*) *cleobis* (BREMER) (BRIDGES, 1994: VIII. 17; IX.95).

Described from a series of male and female specimens from "Dshachar". There are in the BMNH four males and three females from "Amdo", which originate from the GRUM-GRSHIMAILO collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

The combination given by BRIDGES is erroneous, because "*Lycaena cleobis*" is junior synonym of "*subsolanus* EVERSMANN" (see above the entry of *iburiensis*).

**indica** EVANS, 1925: 346, pl. 27, fig. 23.4 (as subspecies of *Lycaena pylaon*). LECTOTYPE, male, designated here. Baluch., Hanna, Khojak, 5.'14. / W. H. EVANS, Brit. Mus. 1927-82. / BMNH(E) # 265431. 6 male, 3 female paralectotypes: coll. EVANS, PAKISTAN (Hanna) and CHINA (W. Tibet); BMNH(E) ## 265432-265439, 265833. (Colour plate II, figs 21-26)

Currently placed as species of *Plebejus* (*Plebejides*) and secondary homonym of *Lycaena indica* MURRAY, 1874 (p. 520, type locality: Allahabad, current genus *Zizina* CHAPMAN) in need of replacement (BRIDGES, 1994: VIII.221; IX.95). The taxon was renamed as *Plebejus beani* by BÁLINT & JOHNSON (1997: 16).

Described from an unstated number of male and female specimens from "Baluchistan" and "W. Tibet". There are in the BMNH seven males and two females originating from the EVANS collection, which can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**insperatus** TENNENT, 1996: 36 (as subspecies of *Maurus vogelii*). Holotype, male. Tizi-n-Test, High Atlas, Morocco, 24-2500 metres, W. J. TENNENT, 11.6.1994. / Brit. Mus. 1995-1. / BMNH(E) # 265354. 4 male and 1 female paratypes: leg. TENNENT, MOROCCO (Tizi-n-Test); BMNH(E) ## 265355-265359.

**insularis** LEECH, [1893]: 302, pl. 31, fig 5 and 8 (as geographic variation of *Lycaena argus*). LECTOTYPE, male, designated here. Hakodate, June & July '87, Native Coll. / LEECH Coll., 1901-173. / BMNH(E) # 265531. 7 male, 4 female paralectotypes: coll. Leech, JAPAN (Hakodate); BMNH(E) ## 265443, 265532-265542.

Currently placed as subjective synonym of *Plebejus argus pseudaeon* (BUTLER) (BRIDGES, 1994: VIII.225; IX.91)

Described from a series of male and female specimens taken at "Hakodate" in June and July 1887. There are in the BMNH eight males and four females, which originate from this series and can be considered as syntype with certainty. One of the males, figured by D'ABRERA (1993: 486 as "*P. argus pseudaeon* male R") is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly selected paralectotypes (one of the females is figured by D'ABRERA, l. c.). BRIDGES (1994: VIII.225) notes the status of type as holotype. HEMMING (1932c: 177) lists holotype, allotype and seven male and six female paratypes of *insularis* from Hakodate (probably this is the source of BRIDGES' indication). Having read the original description BRIDGES and HEMMING are erroneous. There is no indication either to the number, or to the status of the specimens.

**iranica** FORSTER, 1938: 216, pls 1, 2, figs a5, a6 (as subspecies of *Lycaena (Plebeius) eurypilus*). 1 male paratype: leg. PFEIFFER & FORSTER, IRAN (Elburs Mnts: Tacht i Suleiman); BMNH(E) ## 265440.

Currently placed as subspecies of *Polyommatus (Kretania) eurypilus* (FREYER) (BRIDGES, 1994: VIII.227; IX.103).

**iris** LANG, 1884: 369 (as species of *Lycaena*). LECTOTYPE, male, designated here. Samarkand, Ex STAUDINGER / GODMAN-SALVIN Coll., 1906-110. / BMNH(E) # 264958.

Currently placed as species of *Plebejus (Vacciniina)* (BRIDGES, 1994: VIII.228; IX.96).

Unintended description of a name presumed to be published by STAUDINGER from an unspecified number of specimens from "Samarkand". There is in the BMNH a single male specimen, which certainly originates from these specimens and can be considered as syntype with certainty. This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

**iris** STAUDINGER, 1886: 207 (as species of *Lycaena*). LECTOTYPE, male, designated here. Samarkand, Ex STAUDINGER / GODMAN-SALVIN Coll., 1906-110. / BMNH(E) # 264958 (= lectotype of *Lycaena iris* LANG). 1 male paralectotype: coll. GODMAN-SALVIN, ex STAUDINGER, UZBEKISTAN (Samarkand); BMNH(E) # 265196.

Not listed by BRIDGES. Currently placed as species of *Polyommatus* (TSHIKOLOVETS, 1997b : 37, figs 7-10, syntypes).

Described from an unspecified number of male and female specimens taken at "Margelan" and "Samarkand". There is in the BMNH one male from the GODMAN collection sent by STAUDINGER as "*Lycaena iris*". This male, designated above as lectotype of *Lycaena eversmanni* LANG, 1884, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining male specimen is similarly designated paralectotype.

As the primary type specimen of *iris* STAUDINGER and *iris* LANG are identical, they are objective synonyms. Thus there is no need for the replacement name of *Polyommatus neoiris* TSHIKOLOVETS (1997a: 139), consequently *Lycaena iris* LANG, 1884 = *Polyommatus neoiris* TSHIKOLOVETS, 1997, **syn. nov.**

**isauricoides** GRAVES, 1923: 155 (as subspecies of *Polyommatus candalus*). LECTOTYPE, male, designated here. Cedar Mtns., 8000-10000 Ft., P. P. GRAVES, e. VIII.1910. / P. P. GRAVES, B.M. 1937-655. / BMNH(E) # 264825. 6 male, 2 female paralectotypes: leg. GRAVES, LEBANON (Cedar Mtns.); BMNH(E) ## 264826-264833.

Currently placed as of *Polyommatus (Sublysandra)* (BRIDGES, 1994: VIII.229; IX.107).

Described from a series of male and females specimens taken at "Cedar Mountains" and "Dahr-el-Kohdib" in late August 1910. There are in the BMNH seven males and two females, which originate from this series and can be considered as syntypes with certainty. The specimen selected, figured by D'ABRERA (1993: 500, as "*P. candalus isauricoides* male V") is hereby designated LECTOTYPE and

has been labelled accordingly. The remaining specimens are similarly designated paralectotypes (one male and one female is figured by D'ABRERA, l. c.).

**issekutzi** BALOGH, 1956: 71 (as subspecies of *Aricia allous*). 1 male paratype: leg. Újhelyi, ROMANIA (Transylvania: Retyezát); BMNH(E) # 265718.

Currently placed as subspecies of *Plebejus (Aricia) montensis* (VERITY) (BRIDGES, 1994: VIII.250; IX.93).

**jaloka** MOORE, [1875]: 573, pl. 66, fig. 3 (as species of *Polyommatus*). LECTOTYPE, male, designated here. Cashmere, Capt. HELLARD, MOORE Coll., 1908-208. / BMNH(E) # 265134.

Currently placed as species of *Polyommatus (Agriades)* (BRIDGES, 1994: VIII.232; IX.99.).

Described from an unstated number of specimens collected by Captain HELLARD in "Kashmir". There is in the BMNH a single male specimen, which certainly originates from these specimens and can be considered as syntype with certainty. This male is hereby designated LECTOTYPE and has been labelled accordingly.

**janetae** EVANS, 1927: 161 (as subspecies of *Polyommatus eros*). LECTOTYPE, male, designated here. W. Karakoram, Khunjerab, 11500, 21.-25. / W. H. EVANS, Brit. Mus. 1927-82. / BMNH(E) # 264772. 6 male, 4 female paralectotypes: coll. EVANS, INDIA (Batura, Khunjerab); BMNH(E) ## 264773-264780, 264785, 264786.

Currently placed as subspecies of *Polyommatus stoliczkana* (FELDER & FELDER) (BRIDGES, 1994: VIII.232; IX.99).

Described from a series of male and female specimens collected taken at "Batura" and "Khunjerab", Western Karakoram. There are in the BMNH seven males and four females, which originate from this series and can be considered as syntypes with certainty. One of the males, figured by D'ABRERA (1993: 500, as holotype of "*P. janetae* male R"), is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes (one male and one female figured by D'ABRERA, l. c.).

**janigena** RILEY, 1923: 475, pl. 36, figs 4-5 (as species of *Lycaena*). LECTOTYPE, male, designated here. Tibet, Nyenham, 13000 ft., 19.VII.1913, A. F. R. WOLLASTON / Everest Exp., Brit. Mus. 1933-73. / BMNH(E) # 265149. 1 female paralectotype: Everest Exped., leg. WOLLASTON, CHINA (Tibet: Nyenham); BMNH(E) # 265150.

Currently placed as species of *Polyommatus (Albulina)* (BRIDGES, 1994: VIII.233; IX. 101).

Described from one male and one female from "Nyenham". These specimens were located in the BMNH collection. The male, figured by D'ABRERA (1993: 493 as "*A. janigena* male V holotype", is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype (figured by D'ABRERA, l. c.).

**japonica** OBERTHÜR, 1910: pl. 42, figs 313, 314 (as geographic variation of *Lycaena aegon*). LECTOTYPE, male, designated here. Japon, Acq. JANSON / Ex OBERTHÜR Coll., 1927-3. / BMNH(E) # 265483. 25 male, 4 female paralectotypes: coll. OBERTHÜR, JAPAN (Yokhoama); BMNH(E) ## 265484-265512.

Currently placed as junior subjective synonym of *Plebejus argus micrargus* (BUTLER) (BRIDGES, 1994: IX.91.)

OBERTHÜR did not give any description; only the name "*Lycaena Aegon-japonica*" was indicated in the legends of the plates XLII (OBERTHÜR, 1910: 670). According to the "Code" (cf. Article 12(b), 7) the name is available, in spite of the missing diagnosis. There are in the BMNH 25 males and four females, which were determined by OBERTHÜR as "*aegon-japonica*". One of the males, figured by OBERTHÜR himself, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

HEMMING (1932c: 178) clarified the status of the taxon.

**jermyni** SWINHOE, 1910: 89, pl. 660, f. 2. (as variation of *Plebeius eumedon*). LECTOTYPE, male, designated here. Giltides, 1200, Babusar, 10400, 21.8.'02. / B.M. 1911-139. / BMNH(E) 264946.

Currently placed as subjective synonym of *Plebeius (Eumedonia) eumedon antiqua* (STAUDINGER) (BRIDGES, 1994: VIII.234; IX.93).

Described from a series of male specimens from "Babusar". There is in the BMNH a single male, which originates from this series and can be considered as syntype with certainty. This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

**juno** HEMMING, 1933: 7 (as subspecies of *Polyommatus icarus*). Holotype, male. Sannin, 6.7.'30., R. E. ELLISON / BMNH(E) # 264846. 6 male, 1 female paratypes: HEMMING coll., leg. ELLISON and GRAVES, LEBANON (Cedars, Sannin); BMNH(E) ##264847-264853.

Currently placed as species of *Polyommatus* (BRIDGES, 1994: VIII.237; IX.99).

**kaiphas** FRUHSTORFER, 1915: 48 (as subspecies of *Luthrodes cleotas*). LECTOTYPE, male, designated here. Neu-Guinea, ex coll. FRUHSTORFER / FRUHSTORFER Coll., B.M. 1933-131. / BMNH(E) # 264376. 1 female paralectotype: coll. FRUHSTORFER, NEW GUINEA; BMNH(E) # 264377.

Currently placed as subspecies of *Chilades cleotas* (GUÉRIN-MÉNEVILLE) (BRIDGES, 1994: VIII.237; IX.25). Described from a series of male and female specimens from "Neu-Guinea". There is in the BMNH a pair, one male and one female, which certainly originates from these specimens. The male hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**karinda** RILEY, 1921: 597 (as subspecies of *Lycaena dama*). LECTOTYPE, male, designated here. N.W. Persia, Karind Gorge, 6000 ft. 16.VII.1918., H. D. PEILE, 1921-17. / BMNH(E) # 264244. 1 female paralectotype: leg. PEILE, IRAN (Karind Gorge); BMNH(E) # 264245.

Currently placed as subspecies of *Polyommatus (Agrodiaetus) dama* (ECKWEILER & HÄUSER, 1997: 152). Described from one male and one female specimen from "Karind Gorge", collected by PEILE in 1918. These specimens are in the BMNH collection, and the male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**kedonga** GROSE-SMITH, 1898: 357 (as species of *Everes*). LECTOTYPE, male, designated here. Second Kedong, Brit. E. Afr., 25.XI.'96., (Dr. ANSORGE) / ROTHSCHILD, Bequest, B.M. 1939-1. / No BMNH(E) #.

Currently placed as species of *Chilades* (BRIDGES, 1994: VIII.241; IX.26). Described from an unstated number of male specimens from "Second Kedong". There is in the BMNH a male specimen, which certainly originates from these specimens and can be considered as syntype. This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

**kendevani** FORSTER, 1956: 88, pls 12, 13, figs 1, 2 (as subspecies of *Agrodiaetus carmon*). 3 male, 1 female paratypes: colls PFEIFFER, WILTSHIRE, IRAN (Elbur's Mtns); BMNH(E) ## 265636-265639.

Currently placed as species in the *damon*-group of *Polyommatus (Agrodiaetus)* (ECKWEILER & HÄUSER, 1997: 153).

**kindermanni** LEDERER, 1852: 21 (as species of *Lycaena*). 1 male, 1 female syntypes: coll. ZELLER, donated by LEDERER, TURKEY (Amasia); BMNH (E) ## 264391, 264392.

Unintended description of a name presumed to be published by GERHARD. Currently placed as subjective synonym of *Polyommatus (Agrodiaetus) carmon* (HERRICH-SCHÄFFER) (ECKWEILER & HÄUSER, 1997: 153).

**koa** DRUCE, 1896: 239, pl. 18, fig. 7 (as species of *Lycaena*). Lectotype, male. Pozzuzo / H. D. Type / GODMAN-SALVIN Coll., 1909-28. / BMNH(E) # 265558. (Colour plate I, figs 12-14)

Currently placed as species of *Madeleinea* (BRIDGES, 1994: VIII.244; IX.72). Described from "Pozzuzo" (DRUCE, 1896: 240).

Lectotype designated by BÁLINT (1993: 26).

**kogistana** GRUM-GRSHIMAILO, 1888: 306 (as species of *Lycaena*). LECTOTYPE, male, designated here. Darwas / Orig. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 264940. 3 male, 2 female paralectotypes: coll. GRUM-GRSHIMAILO, TAJIKISTAN (Darwas); BMNH(E) ## 264941-264943, 3264954, 264955.

Currently placed as species of *Plebejus (Eumedonia)* (BRIDGES, 1994: VIII.244; IX.93).

Described from a series of male and female specimens from "Darwas". There are in the BMNH four male and two female specimens, which originate from the GRUM-GRSHIMAILO collection and can be considered as syntypes with certainty. One of the males, figured by D'ABRERA (1993: 495 as "*A. kogistana* male R"), is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes (one female figured by D'ABRERA, l. c.).

**kohibabaensis** SAKAI, 1978: 116 (as subspecies of *Polyommatus devanica*). Holotype, male. Paghman Mts., 3500-3800 m, Aug. 4-11.1972, Afghanistan, leg. SAKAI / BMNH(E) # 264585. 1 male paratype: SAKAI leg., AFGHANISTAN (Paghman Mtns); BMNH(E) # 264586.

Currently placed as subspecies of *Polyommatus devanica* MOORE (BRIDGES, 1994: VIII.245; IX.97).

Comparing the holotype of *kohibabaensis* SAKAI and the lectotype of *bellona* GRUM-GRSHIMAILO, I could not find any character to distinguish them. Therefore I consider these taxa as synonyms, consequently *Lycaena bellona* GRUM-GRSHIMAILO, 1890 = *Plebejus sarta kohibabaensis* SAKAI, 1981, *syn. nov.*

**kotzschii** FORSTER, 1956: 78, pls 10, 11, figs 6-7 (as subspecies of *Agrodiaetus transcaspica*). 1 male paratype: Exp. WERNICKE, IRAN (Kuh i Mirabi); BMNH(E) # 265631.

Currently placed as subspecies of *Polyommatus (Agrodiaetus) transcaspicus* (STAUDINGER) (ECKWEILER & HÄUSER, 1997: 153).

**kovacsi** SZABÓ, 1954: 39 (as subspecies of *Plebeius sephirus*). 2 male, 2 female paralectotypes: coll. SZABÓ, HUNGARY (Csomád, Fót); BMNH(E) ## 265361, 265362, 265715, 265716.

Currently placed as subjective synonym of *Plebejus (Plebejides) pylaon sephyrus* [!] (FRIVALDSZKY VON FRIVALD) (BRIDGES, 1994: VIII.246; IX.96).

Lectotype designated by BÁLINT (1990: 52).

**kurtjohnsoni** BÁLINT in BÁLINT & JOHNSON, 1997: 47, pls 3-4, figs 4-5 (as species of *Agriades*). Holotype, male. Nepal, Jargeng Khola, 14000 ft., 4.VII.1950. / B.M. Exp. to Nepal, B.M. 1950-649. / BMNH(E) # 265027. 3 male, 2 female paratypes: B.M. Nepal Exp., NEPAL (Khangsar, Jargeng Khola, Sabze Khola); BMNH(E) ## 265028-265032.

**kwaja** EVANS, 1932: 227 (as subspecies of *Polyommatus morgiana*). LECTOTYPE, male, designated here. Baluchistan, W. Khojak, 6500, 25.5.'31. / W. H. EVANS, B.M. 1932-274. / BMNH(E) # 265182. 4 male, 4 female paralectotypes: coll. EVANS, PAKISTAN (Baluchistan: Khojak); BMNH(E) ## 265197-265204.

Currently placed as subspecies of *Plebejus morgiana* (KIRBY) (BRIDGES, 1994: VIII. 247; IX.92).

Described from a series of male and female specimens taken at Khojak, Beluchistan. There are in the BMNH five males and four females, which originate from this series and can be considered as syntypes with certainty. One of the males, figured by D'ABRERA (1993: 492 as "*V. kwaja* male R") hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotype (one male figured by D'ABRERA, l. c.).

**lama** GRUM-GRSHIMAILO, 1891: 453 (as geographic variation of *Lycaena eros*). LECTOTYPE, male, designated here. Amdo / 17.V.'90. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 264699. 3 male, 2 female paralectotypes: coll. GRUM-GRSHIMAILO, CHINA (Amdo); BMNH(E) ## 264700-264704.

Currently placed as subjective synonym of *Polyommatus venus* (STAUDINGER) (BRIDGES, 1994: VIII.249; IX.99).

Described from an unstated number of specimens taken in the mountains of "Tentungensibus" in the vicinity of settlement "Schin-tschenj". There are in the BMNH four male and two female specimens, which originate from the GRUM-GRSHIMAILO collection and can be considered syntypes with certainty. One of the males, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**lamasem** OBERTHÜR, 1910: 299, pl. 41, fig. 303 (as species of *Lycaena*). LECTOTYPE, male, designated here. Thibet, Chasseurs de Ta-tsien-lou, 1895. / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265137. 12 male, 1 female paralectotypes: coll. OBERTHÜR, CHINA (Tibet: Ta-tsien-Luo, Ta-ho); BMNH(E) ## 265138-265148, 265163, 265164.

Currently placed as species of *Plebejus (Lycaeides)* (BRIDGES, 1994: VIII.249; IX.95).

Described from a series of 14 specimens collected by native collectors in "Ta-Ho" and "Ta-tsien-lou". This series, 13 males and one female, is in the BMNH. One of the males, figured by D'ABRERA (1993: 492 as "A. *lamasem* male R") as well as OBERTHÜR himself, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes (one male figured by D'ABRERA, l.c.).

**lanka** EVANS, 1925: 340, pl. 27, fig. 16.3 (as subspecies of *Euchrysops pandava*). LECTOTYPE, male, designated here. Ceylon, Wellawaya, 7. 22., / W. H. EVANS, B.M. 1832-274. / BMNH(E) # 264417. 1 male, 1 female paralectotypes: coll. EVANS, SRI LANKA (Wellawaya); BMNH(E) # 264418, 264419.

Currently placed as subspecies of *Chilades pandava* (HORSFIELD) (BRIDGES, 1994: VIII.250; IX.26).

Described from an unstated number of specimens from "Ceylon". There are in the BMNH two males and one female, originating from the EVANS collection. These specimens can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining male specimen and the female are similarly designated paralectotypes.

**laura** EVANS, 1932: 227 (as subspecies of *Polyommatus loewi*). LECTOTYPE, male, designated here. Ladak, [% *L. loewi*, male]. / W. H. EVANS, B.M. 1932-274. / BMNH(E) # 264654. 1 female paralectotype: coll. EVANS, INIDA (Ladak); BMNH(E) # 264655.

Currently placed as subspecies of *Polyommatus (Plebejides) loewi* (ZELLER) (BRIDGES, 1994: VIII.254; IX.106).

Described from a series of male and female specimens taken in "Ladak". There is in the BMNH a pair of specimens, one male and one female, which originates from this series and can be considered as a pair of syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**lea** BENYAMINI, BÁLINT & JOHNSON, 1995a: 3, Pl. 6/5, figs 1-2 (as species of *Madeleinea*). 1 male, 1 female paratypes: coll. SCHNUSE, BOLIVIA (Guaqui); BMNH(E) ## 265556, 265557.

**lehanus** MOORE, 1878: 230 (as species of *Polyommatus*). LECTOTYPE, male, designated here. Ladak, Leh, STOLICZKA / MOORE Coll., 1908-208. / BMNH(E) 265026.

Currently placed as species of *Polyommatus (Albulina)* (BRIDGES, 1994: VIII.256; IX.101).

Described from an unstated number of specimens from "Leh" collected by Dr. STOLICZKA in Ladak. There is in the BMNH a single male specimen, which originates from the MOORE collection and can be considered as syntype with certainty. This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

**lesliei** TYTLER, 1926: 584, pl. 1, fig. 2 (as subspecies of *Lycaena christophi*). LECTOTYPE, male, designated here. Chitral., 190, el 000 ft., Coll. G. A. LESLIE, & W. H. EVANS / BMNH(E) # 265300. 2 male, 2 female paralectotypes: coll. LESLIE, PAKISTAN (Chitral); BMNH(E) ## 265301-265304.

Currently placed as subspecies of *Plebejus (Lycaeides) christophi* (STAUDINGER) (BRIDGES, 1994: VIII.258; IX.94).

## 42 A list of the type specimens of *Polyommatus* sensu ELOT in the Natural History Museum

Described from a series of male and female specimens from Pakistan collected by Captain LESLIE. There are in the BMNH five specimens, which originate from the TYTLER collection and were collected by LESLIE. These specimens can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**libisonis** FRUHSTORFER, 1911: 96 (as subspecies of *Lycaena icarius*). LECTOTYPE, male, designated here. Südtirol, FRUHSTORFER / FRUHSTORFER Coll., B.M. 1933-131. / BMNH(E) # 264496. 3 male paralectotypes: coll. FRUHSTORFER, ITALY (Südtirol); BMNH(E) ## 264497–264499.

Currently placed as subjective synonym of *Polyommatus (Plebicula) icarius* (ESPER) (BRIDGES, 1994: VIII.260; IX.107.).

Described from a series of specimens taken in South Tyrol. There are in the BMNH four males with type labels originating from the FRUHSTORFER collection. These specimens can be considered as syntypes with certainty. One of these males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**ligurica** OBERTHÜR, 1910: 201, pl. 41, figs 293, 294 (as geographic race of *Lycaena argus*). LECTOTYPE, male, designated here. Italie, Lago di Como, Juin 1907, CHARLES OBERTHÜR / Ex OBERTHÜR Coll., Brit. Mus., 1927-3. / BMNH(E) # 265279. 1 male, 8 female paralectotypes: coll. OBERTHÜR, ITALY (Lago di Como); BMNH(E) ## 265280–265288.

Renamed as *Lycaeides ismenias letitia* by HEMMING (1934c: 98). Currently placed as subspecies of *Plebejus (Lycaeides) argyrognomon* (BERGSTRÄSSER) (BRIDGES, 1994: VIII.261; IX.94).

Described from an unstated number of male and female specimens from "Cernobbio", at Lake Como, Italy (OBERTHÜR, 1910: 200). There are in the BMNH two males and eight females labelled "Lago de Como" and originate from the OBERTHÜR collection. These specimens can be considered as syntypes with certainty. One of the males, figured by OBERTHÜR, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

OBERTHÜR considers that this "race" can also be found in other places, as de Versoix and de Veyrir (Switzerland), de Majella (Abruzzes), de Vichy (Allier), d'Uriage (Isère), de Sidemi (Mandschourie) and the northern part of China. As all of these localities were listed in a paragraph clearly separated from the description, I do not consider the specimens of the OBERTHÜR collection from these places as syntypes.

**lockharti** HEMMING, 1929: 3 (as subspecies of *Polyommatus loewi*). Holotype, male. Transjordan, 1½ m West of Qasr Azraq, 24.4.1927., L. K. LOCKHART / BMNH(E) # 264647. 2 female paratypes: coll. HEMMING, leg. LOCKHART, JORDANIA (Qasr Azraq); BMNH(E) ## 264448, 264649.

Currently placed as subjective synonym of *Polyommatus (Plebejidea) loewi uranicola* (WALKER) (BRIDGES, 1994: VIII. 264; IX.106).

**loewii** ZELLER, 1847a: 9 (as species of *Lycaena*). LECTOTYPE, male, designated here. ZELL. Coll., 884. / BMNH(E) # 264642. 1 male, 1 female paralectotypes: coll. ZELLER, TURKEY; BMNH(E) # 264643, 264644.

Currently placed as species of *Polyommatus (Plebejidea)* (BRIDGES, 1994: VIII.264; IX.106).

Described from a series of specimens from "Macri" (ZELLER, 1847a: 10). There are in the BMNH two males and one female, which originate from this series and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly.

**lolita** BÁLINT, 1993: 24, pl. 4a, fig. 67 (as species of *Madeleinea*). Holotype, male. Pérou, Huambo, Mde Mathan, IVe Trim 1899 / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265549.

Currently placed as species of *Madeleinea* (BRIDGES, 1994: VIII.265; IX.72).

**luana** EVANS, 1915: 544 (as species of *Lycaena*). LECTOTYPE, male, designated here. S. E. Tibet, Lu, 15000 ft, 19.8.'13. / W. H. EVANS, Brit. Mus., 1927-82. / BMNH(E) # 265153.



Currently placed as subspecies of *Polyommatus (Agriades) dis* (GRUM-GRSHIMAILO) (BRIDGES, 1994: VIII. 266; IX.99).

Described from an unstated number of specimens from "Lu, S. E. Tibet", taken by Capt. BAILEY. There is in the BMNH a single male, which originates from the EVANS collection and can be considered with certainty as syntype. This male, figured by D'ABRERA (1993: 494 as holotype "A. *luana* male V"), is hereby designated LECTOTYPE and has been labelled accordingly.

I could not find any diagnostic character comparing the lectotype of *dis* and that of *luana*; thus I consider them as synonyms. Consequently *Lycaena dis* GRUM-GRSHIMAILO, 1891 = *Lycaena luana* EVANS, 1915, **syn. nov.**

**lutzi** DOS PASSOS, 1938: 49, pl. 2, figs 9–12 (as subspecies of *Plebeius acmon*). 1 male, 1 female paralectotypes: coll. KLOTS, USA (Wyoming); BMNH(E) ## 265306, 265307.

Currently placed as subspecies of *Plebejus (Icaricia) acmon* (WESTWOOD) (BRIDGES, 1994: VIII.270; IX.93).

**lyrnessa** HEWITSON, 1874: 107 (as species of *Lycaena*). Lectotype, male. Chili / HEWITSON Coll. 79-69. / BMNH(E) # 265570. (Colour plate II, figs 33–36)

Currently placed as species of *Pseudolucia* (BRIDGES, 1994: VIII.272; IX.110).

Lectotype designated by BÁLINT (1993: 18).

**magnifica** GRUM-GRSHIMAILO, 1887: 399 (as species of *Lycaena*). LECTOTYPE, male, designated here. Kitschi-Karamuk, Alai mer. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 264665. 4 male, 6 female paralectotypes: coll. GRUM-GRSHIMAILO, TAJIKISTAN (Alai); BMNH(E) ## 264666–264675.

Currently placed as species in the *erschoffi*-group of *Polyommatus (Agrodiaetus)* (ECKWEILER & HÄUSER, 1997: 154).

Described from an unstated number of male and female specimens taken along the rivers "Kitschi-Surhab" (GRUM-GRSHIMAILO, 1887: 375) and "Chingob" (GRUM-GRSHIMAILO, 1877: 384). There are in the BMNH five male and six female specimens, which originate from the GRUM-GRSHIMAILO collection and can be considered syntypes with certainty. One of the males, figured by D'ABRERA (1993: 504 as "*P. superba* male R"), is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes (one male and one female figured by D'ABRERA, l. c.).

**major** EVANS, 1915: 544 (as subspecies of *Lycaena pheretes*). LECTOTYPE, male, designated here. S.E. Tibet, Nyuksang, 9.500', 19.7.1913., capt. F. M. BAILEY, 1914-465. / BMNH(E) # 264964. 2 male, 1 female paralectotypes: leg. BAILEY, CHINA (Tibet: Gyala, Nyuksang, Tongyuk); BMNH(E) ## 264965–264967.

Currently placed as subspecies of *Polyommatus (Albulina) orbitulus* (PRUNNER) (BRIDGES, 1994: VIII. 278; IX.102).

Described from an unstated number of specimens from "S. E. Tibet", taken by Capt. BAILEY. There is in the BMNH three males and one female, which originate from the EVANS collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**martini** ALLARD, 1867: 314, pl. 6, figs 2a, b (as species of *Lycaena*). Neotype, male. Lambessa, R. OBERTHÜR 1875. / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265313.

Currently placed as species of *Plebejus (Plebejides)* (BRIDGES, 1994: VIII. 286; IX.95).

Neotype designated by DE PRINS et al. (1992: 14).

**menalcas** FREYER, 1836 [1837]: 46, pl. 223, Figs 2, 3 (as species of *Lycaena*). LECTOTYPE, male, designated here: Konstantinopel / 7 / Coll. FREYER / ROTHSCHILD Bequest, B.M. 1939-I. / BMNH(E) # 263950.

Currently placed as species in the *dolus*-group of *Polyommatus* (*Agrodiaetus*) (ECKWEILER & HÄUSER, 1997: 155).

Described from an unstated number of specimens from "Konstantinopel" collected by KINDERMANN. There is in the BMNH a single male, which originates from the FREYER collection and can be considered with certainty as syntype. This male is hereby designated LECTOTYPE and has been labelled accordingly.

**mesopotamica** STAUDINGER, 1892: 233 (as geographic variation of *Lycaena poseidon*). 3 male syntypes: coll. GODMAN-SALVIN, ex STAUDINGER, TURKEY (Malatia); BMNH(E) ## 264424–264426.

Currently placed as subspecies of *Polyommatus* (*Agrodiaetus*) *poseidon* (STAUDINGER) (ECKWEILER & HÄUSER, 1997: 155).

**mesopotamica** TUTT, 1909: 277 (as geographic race of *Cyaniris semiargus*). LECTOTYPE, male, designated here. Malatia, Mesopotamia, ex STAUDINGER, coll. GODMAN-SALVIN, / coll. GODMAN-SALVIN 1906-110. / BMNH(E) # 265808. 1 female paralectotype: coll. GODMAN-SALVIN, TURKEY (Malatia); BMNH(E) # 265809.

Currently placed as subjective synonym of *Polyommatus* (*Cyaniris*) *semiargus* (ROTTEMBURG) (BRIDGES, 1994: VIII.297; IX.102).

Described from two males and one female from "Malatia". There are in the BMNH two specimens, one male and one female, which originate from these specimens and can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

BRIDGES (1994: VIII.297) listed the name as objectively unavailable, because according to his source it was described as an aberration. This is wrong; the taxon was described as "var. *mesopotamica*, n. var" amongst "the races of the orient".

**metallica** FELDER & FELDER, 1865: 283, pl. 35, fig. 9 (as species of *Lycaena*). LECTOTYPE, male, designated here. Ladak, FELDER Coll. / ROTHSCHILD Bequest, B.M. 1939-1. / BMNH(E) # 265053. 10 male, 3 female paralectotypes: coll. FELDER, INDIA (Ladak); BMNH(E) # 265054–265066. (Colour plate II, figs 27–29)

Currently placed as species of *Polyommatus* (*Albulina*) (BRIDGES, 1994: VIII.297; IX.101).

Described from a series of specimens taken in "Ladak". There are in the BMNH eleven males and three females from the FELDER collection. These specimens can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**micrargus** BUTLER, 1878: 283 (as species of *Lycaena*). Holotype, male. 78. 24., Japan / BMNH(E) # 265482.

Currently placed as subspecies of *Plebejus argus* (LINNAEUS) (BRIDGES, 1994: VIII.298; IX.91).

**minuta** EVANS, 1932: 235 (as subspecies of *Euchrychysops parrhasius*). LECTOTYPE, male, designated here: NW F P, Peshawar, 11.26 / W. H. EVANS, B.M. 1932-274 / BMNH(E) # 264407. 2 male, 5 female paralectotypes: coll. EVANS, PAKISTAN (Peshawar); BMNH(E) ## 264408–264413, 264416.

Currently placed as subspecies of *Chilades parrhasius* (FABRICIUS) (BRIDGES, 1994: VIII.303; IX.25).

Described from a series of male and female specimens from "Peshawar". There are in the BMNH three males and five females from the EVANS collection, which can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**minuta** GRUM-GRSHIMAILO, 1890: 415, pl. 10, fig. 3 (as geographic variation of *Lycaena persephatta*). LECTOTYPE, male, designated here. Alai mont. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 264283. 6 male, 1 female paralectotypes: coll. GRUM-GRSHIMAILO, TAJIKISTAN (Alai, Transalai); BMNH(E) ## 264284–264290.

Currently placed as subspecies of *Polyommatus (Cyaniris) persephatta* (ALPHÉRAKY) (BRIDGES, 1994: VIII.303; IX.102).

Described from an unstated number of male and female specimens from the mountains of Alai (mountain "Pierre le Grand" and settlement "Touptschek") and from the Transalai range. There are in the BMNH seven males and a single female, which originate from the GRUM-GRSHIMAILO collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**miris** STAUDINGER, 1881: 263 (as species of *Lycaena*). 1 male, 1 female syntypes: coll. GODMAN-SALVIN, ex STAUDINGER, UZBEKISTAN (Samarkand); BMNH(E) ## 264481, 264482.

Currently placed as species of *Polyommatus (Agrodiaetus)* (BRIDGES, 1994: VIII.304; IX.101).

Described from more than 40 specimens from Central-Asia ("Schahrud" [leg. CHRISTOPH], "Saisan", "Lepsa" and "Margelan"). The specimens listed here as syntypes bear the same type of label as all the other STAUDINGER material deposited in the general collection, consequently the specimens listed here can be considered as syntypes, despite the fact that "Samarkand" is not mentioned in the original description. Later STAUDINGER indicated "Ferg." under the distribution of *miris* (STAUDINGER & REBEL, 1901: 81).

**morsheadi** EVANS, 1923: 478 (as subspecies of *Lycaena pheretes*). LECTOTYPE, female, designated here. Tibet, Tazeng, 15500 ft., 28.VII.1921, Maj. R. W. G. HINGSTON. / BMNH(E) # 265151. 1 female paralectotype: coll. EVANS, leg. HINGSTON, CHINA (Tibet: Phusa La); BMNH(E) # 265152.

Currently placed as species of *Polyommatus (Albulina)* (BRIDGES, 1994: VIII.311; IX.101).

Described from a series of specimens from the EVANS collection taken at "Phuse La" and "Tazeng". There are in the BMNH two females, which can be considered as syntypes with certainty. One of them is figured by D'ABRERA (1993: 493 as "*A. morsheadi* female R"). This specimen is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimen is similarly designated paralectotype.

RILEY (1927: 128) pointed out that the specimen described as male by EVANS (BMNH(E) # 265152), is actually female and gave the first description of the male.

**mylitta** HEMMING, 1932a: 12 (as subspecies of *Aricia chiron*). Holotype, male. Lebanon, Cedar Mtns., 5500 Ft., 2.8.'30. / R. E. ELLISON, B.M. 1932-346. / BMNH(E) # 264947. 5 male, 2 female paratypes: coll. HEMMING, leg. ELLISON, LEBANON (Cedar Mtns.); BMNH(E) ## 264948-264956.

Currently placed as subspecies of *Plebejus (Eumedonia) eumedon* (ESPER) (BRIDGES, 1994: VIII.313; IX.94).

**myrmecias** CHRISTOPH, 1877: 235, pl. 5, fig. 7 (as species of *Lycaena*). LECTOTYPE, male, designated here. Ex Coll. Christoph, Krasnowodsk, 24.5.'74. / ELWES Coll., 1902-85 / BMNH(E) # 264939.

Currently placed as species of *Plebejus (Aricia)* (BRIDGES, 1994: VIII.314; IX.93).

Described from an unspecified number of specimens from the vicinity of "Krasnowodsk" taken in May on yellow *Centaurea* flowers (CHRISTOPH, 1877: 236). There is in the BMNH a single male, which certainly originates from these specimens. This male is hereby designated LECTOTYPE and has been labelled accordingly.

**naidina** BUTLER, [1886]: 762, pl. 47, fig. 2 (as species of *Cathochrysops*). Holotype, male. Somali, 85.38. / BMNH(E) # 265102.

Currently placed as species of *Lepidopchrysops* (BRIDGES, 1994: VIII.315; IX.62).

Described from a single male from Somalia. This specimen was figured by D'ABRERA (1980: 559, as "*L. naidina* male V").

Studying the primary type of *naidina* I could not detect any diagnostic character for distinguishing

the taxon from *Euchrysops eleusis* (DEMAISON, 1888: 66)<sup>3</sup>, thus I consider them as synonyms. Consequently *Catocrysops naidina* BUTLER, 1886 = *Euchrysops*

DEMAISON, 1888, **syn. nov.**

*Chilades naidina* also takes priority over the taxon *kedonga* GROSE-SMITH, because the primary types of the mentioned taxa cannot be distinguished with the help of any diagnostic character, thus I consider *kedonga* as junior synonym of *naidina*. Consequently *Cathocrysops naidina* BUTLER, [1886] = *Everes kedonga* GROSE-SMITH, 1898, **syn. nov.**

On the basis of wing characters *naidina* does not belong to *Lepidopchrysops* (ACKERY et. al, 1995: 663) but represents *Chilades*, so I transfer the taxon to this genus, consequently *Chilades naidina* (BUTLER, [1886]), **comb. nov.**

I note here that the following taxa placed into *Chilades* by ACKERY et. al (l. c.) are most probably also junior synonyms of *naidina*, but as the primary types are not examined I cannot formalize the synonymy: "*Lycaena serrula*" MABILLE, 1890 (p. 25, type locality: Senegal), "*Cathocrysops sancti-thomae*" SHARPE, 1893 (p. 556, type locality: Sao Tome, St. Nicolau) and "*Cupido elicola*" STRAND, 1901 (p. 138, type locality: Ethiopia, Eli).

**napaea** GRUM-GRSHIMAILO, 1891: 453 (as species *Lycaena*). Holotype, male. Lud-Tshan, 28.VIII.'90. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 264858.

Currently placed as subspecies of *Polyommatus icarus* (ROTTEMBURG) (BRIDGES, 1994: VIII.1891; IX.98).

Described from a single male specimen taken in the mountain of "Boro-Choro" of the range "Lud-shan".

The taxon cannot be distinguished from *Polyommatus erotides* (STAUDINGER, 1892b: 319, type locality: Kentei), consequently the combination given by BRIDGES is erroneous. The taxon *napaea* is most probably junior synonym of *erotides* but as I did not examine the syntype series (13 males) I cannot formalise the supposed synonymy.

**nazira** MOORE, 1865: 504, pl. 31, fig. 4 (as species of *Polyommatus*). LECTOTYPE, male, designated here. Kunawur, N.W. Himalaya, LANG / MOORE Coll., 1908-208. BMNH(E) # 264957.

Currently placed as subjective synonym of *Plebejus (Aricia) agestis* (DENIS & SCHIFFERMÜLLER) (BRIDGES, 1994: VIII.318; IX.92).

Described from a series of specimens from "Kunawur". There is in the BMNH a single male from the MOORE collection taken at Kunawur, which can be considered as syntype with certainty. This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

**nepalensis** FORSTER, 1961: 149, pl. 14, figs 1-2, 4-5 (as species of *Polyommatus*). 1 paratype: leg. LOBBICHLER, NEPAL (Mustang); BMNH(E) # 264538.

Currently placed as subspecies of *Polyommatus pseuderos* MOORE (BRIDGES, 1994: VIII.320; IX.99).

**neuqueniensis** BÁLINT & JOHNSON, 1995: 4, pl. 4, fig. a, b (as subspecies of *Pseudolucia andina*). 8 male, 1 female paratypes: coll. ROTHSCHILD, ARGENTINA (Patagonia: Chubut, Nahuel Huapí, Valley del Lago Blanco); BMNH(E) # 265576-265584.

Currently placed as species in *Pseudolucia* (BENYAMINI, BÁLINT & JOHNSON, 1995b: 2).

**nevadensis** OBERTHÜR, 1910: 191, pl. 39, figs 259, 260 (as geographic race of *Lycaena argus*). LECTOTYPE, male, designated here. Sierra Nevada, coté de Lanjaron. / R. OB. & L. BL., Juillet, 1879. / Ex

3 Described from an unstated number of specimens from different Sudani localities; MHNP material examined (Paris, 19.viii.1997): 2 males, 2 females (Cotype, Itsamboul, Nubia, DEMAISON), plus 2 males and 2 females (Cotype, Egypte, Ipsamboul, 23-24.I.'81); one of the males labelled "Cotype, Itsamboul, Nubia, DEMAISON" is hereby designated LECTOTYPE and has been labelled accordingly, the remaining specimens are similarly designated paralectotypes, all in MHNP.

OBERTHÜR Coll., 1927-3. / BMNH(E) # 265235. 5 male, 7 female paralectotypes: coll. OBERTHÜR, SPAIN (Sierra Nevada, Sierra de Alfacar); BMNH(E) ## 265237–265242, 265752–265757.

Currently placed as objectively invalid synonym of *Plebejus argus* (LINNAEUS) (BRIDGES, 1994: VIII.321; IX.94).

Described from a series of male and female specimens from “Andalousia” (Sierra Nevada and Sierra Alfacar) (OBERTHÜR, 1910: 191, 192). There are in the BMNH six males and seven females from this series. These specimens can be considered as syntypes with certainty. One of the males, figured by OBERTHÜR, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotype.

According to BRIDGES (1994: VIII.321) *Lycaena argus nevadensis* OBERTHÜR, 1910 is secondary homonym of *Lycaena argus nevadensis* OBERTHÜR in 1896 (OBERTHÜR, 1896, pl. 4, fig. 54). I consider *nevadensis* OBERTHÜR, 1896 as nomen nudum, because there is only the simple legend “*Lycaena argus*, LINN, male, de la Sierra-Nevada” without any specific name to the figure and no description is supplemented in the volume. Consequently *Lycaena nevadensis* OBERTHÜR, 1896, **nom. nud.** Thus the first available name for the taxon is *Lycaena argus nevadensis* OBERTHÜR, 1910 (p. 191).

The taxon is considered as bona species by KUDRNA (1986: 160 and 174, as “*Plebeius nevadensis* OBERTHÜR, 1910”), BALLETO (1995: 458, as “*Lycaeides nevadensis* OBERTHÜR, 1910”) as well as by VIVES MORENO (1994: 332, as “*Lycaeides nevadensis* OBERTHÜR, 1896”). This latter author considers *nevadensis* OBERTHÜR, 1910 as synonym of *Plebejus argus* (LINNAEUS) (VIVES MORENO, 1994: 330), which is erroneous, since OBERTHÜR himself already mentioned that the two taxa are not the same (OBERTHÜR, 1910: 191, 192).

**nevadensis** OBERTHÜR, 1910: 250 (as geographic race of *Lycaena agestis*). LECTOTYPE, male, designated here. Ex Coll. GRASLIN / Ex OBERTHÜR Coll., 1927-3. / BMNH(E) # 265114. 14 male, 3 female paralectotypes: coll. OBERTHÜR, SPAIN (Sierra Nevada); BMNH(E) # 265115, 265733–265748.

Junior homonym of “*Lycaena Argus-nevadensis*” OBERTHÜR, 1910. Currently placed under synonymy of *Plebejus (Aricia) montensis* (VERITY) (BRIDGES, 1994: VIII.321; IX.92).

Described from a series of 16 male and three female specimens from “Sierra-Nevada” and “Sierra-de-Alfakar”. There are in the BMNH 15 males and three females, which originate from this series. One of the male, figured by OBERTHÜR (1914: pl. 291, f. 2372), is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

OBERTHÜR’s name should take priority over *montensis* VERITY, 1928, but it would be preferable to put it to the official list of unavailable names, because it is the secondary homonym of *Lycaena argus nevadensis* (see above). VERITY’s *montensis* is well known in the European literature (e. g. LERAUT, 1980: 128; GEIGER, 1987: 379). Thus I do not propose replacement name for the taxon.

**nicholli** ELWES, in NICHOLL, 1901: 96 (as geographic variation of *Lycaena zephyrus*). LECTOTYPE, male, designated here. Baalbek, VI.1900., NICHOLL / Ex Coll. H. J. ELWES, 1920 / BMNH(E) # 265410. 8 male, 7 female paralectotypes: coll. ELWES, leg. NICHOLL, LEBANON (Baalbek); BMNH(E) ## 265411–265425. Currently placed as subspecies of *Plebejus (Plebejides) pylaon* (FISCHER VON WALDHEIM) (BRIDGES, 1994: VIII.322; IX.26).

Described from a series of specimens from “Baalbek” and “Blunden”, taken in the end of May and the very beginning of June, and also “at the Cedars of Lebanon”. There are in the BMNH nine males and seven females, which originate from this series. One of the males, figured by D’ABRERA (1993: 487, as “*P. pylaon nicholli* male R”), is hereby selected LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**nicola** SWINHOE, 1885: 132 (as species of *Catochrysops*). LECTOTYPE, female, designated here. Poona, 87. 28., (482), 12. 82., [% *Zizera, nicola*, female, type SWINH.] / BMNH(E) # 264420.

Currently placed as subjective synonym of *Chilades pandava* (HORSFIELD) (BRIDGES, 1994: VIII.323; IX.26).

Described from female specimens from "Poona". There is in the BMNH a single female, which originates from SWINHAE and has been considered as "type" (BINGHAM, 1907: 415). This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

**nigeriae** SHARPE, 1902: 102 (as species of *Euchrysops*). LECTOTYPE, male, designated here. Ilo (Dr. CHRISTY), 4.2.'99. / Ex Coll. E. BOWDLER SHARPE, 1908. / JOICEY Bequest, Brit. Mus., 1934-120. / BMNH(E) # 264544.

Currently placed as species of *Chilades* (BRIDGES, 1994: VIII.323; IX.26).

Described from specimens taken at "Ilo". There is in the BMNH a single male, which originates from these specimens and can be considered as syntype with certainty. This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

Examining the primary type, this taxon cannot be differentiated from *naidina* BUTLER; therefore I consider them as synonyms. Consequently *Catochrysops naidina* BUTLER, [1886] = *Euchrysops nigeriae* SHARPE, 1902, **syn. nov.**

**nila** EVANS, 1925: 339 (as subspecies of *Euchrysops contracta*). LECTOTYPE, male, designated here. Ceylon, Giant Tank, VII.'22., [% *E. pandava*, male.] / W. H. EVANS, B.M. 1932-274. / BMNH(E) # 264397. 3 male, 2 female paralectotypes: coll. EVANS, SRI LANKA (Giant Tank); BMNH(E) ## 264397-264402. Currently placed as subspecies of *Chilades parrhasius* (FABRICIUS) (BRIDGES, 1994: VIII.326; IX.26).

Described from an unstated number of specimens from "Ceylon". There are in the BMNH four males and two females originating from the EVANS collection and taken in Ceylon, which can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**ninae** FORSTER, 1956: 70, pls 8, 9, figs 23-24 (as subspecies of *Agrodiaetus transcaspica*). 1 male, 1 female paratypes: leg. SHELJUZKO and PAVLITZKAJA, ARMENIA (Mt. Daralagez); BMNH(E) ## 265624, 265625.

Currently placed as "possible" subspecies of *Polyommatus (Agrodiaetus) transcaspicus* (STAUDINGER) (ECKWEILER & HÄUSER, 1997: 121, 156).

**nycula** MOORE, 1865: 503, pl. 31, fig. 3 (as species of *Polyommatus*). LECTOTYPE, male, designated here. N.W. Himalaya, Kunawur, Capt. LANG. / MOORE Coll., 1908-208. / BMNH(E) # 265044. 2 male, 2 female paralectotypes: coll. MOORE, INDIA (Kunawur); BMNH(E) ## 265045-265048.

Currently placed as subspecies of *Polyommatus (Albulina) galathea* (BLANCHARD) (BRIDGES, 1994: VIII.332; IX.101).

Described from an unstated number of specimens from "Kunawur", N. W. Himalayas, taken by Capt. LANG. There are in the BMNH three males and two females taken by LANG and originating from the MOORE collection. These specimens can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining two males and two females are similarly designated paralectotypes.

**oberthueri** GRUM-GRSHIMAILO, 1887: 399 (as species of *Lycaena*). LECTOTYPE, male, designated here. Surchan-Darja, Buchara / 25.IV.'85. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 264473. 1 male, 1 female paralectotypes: coll. GRUM-GRSHIMAILO, UZBEKISTAN (Buchara: Surchan-Darja); BMNH(E) ## 264474, 264545.

Currently placed as subjective synonym of *Polyommatus (Agrodiaetus) elvira* (EVERSMANN) (BRIDGES, 1994: VIII.332; IX.101).

Described from an unstated number of specimens taken in suburbs of the little town "Schir-Abad" (GRUM-GRSHIMAILO, 1887: 365) and in sand steppe at river "Surchan" (GRUM-GRSHIMAILO, 1887: 366). There are in the BMNH two male and one female specimens, which originate from the GRUM-GRSHIMAILO collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**omphisa** MOORE, 1875: 573, pl. 66, fig. 2 (as species of *Polyommatus*). LECTOTYPE, male, designated here. Dras Valley, Ladak, Capt. HELLAND. / MOORE Coll. 1908-208. / BMNH(E) # 265034. 1 male, 1 female paralectotypes: coll. MOORE, INDIA (Ladakh); BMNH(E) # 265035, 265730. (Colour plate III, figs 37-40)

Currently placed as species of *Polyommatus (Albulina)* (BRIDGES, 1994: VIII.340; IX.101).

Described from an unstated number of specimens from "Ladak" taken by Capt. HELLAND. There are in the BMNH two male and one single female specimens, which originate from the MOORE collection and were taken by Capt. HELLAND. These specimens can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining male and female are similarly designated paralectotypes.

**ongodai** TUTT, 1909: 199 (as local race of *Plebeius argus*). LECTOTYPE, male, designated here. Ongodai, Altai Mts., 3-5000 feet, July, '98, A. JACOBSON. / R. 1952. N.H.B. 668 / ELWES Coll., 1902-85. / BMNH(E) # 265845. 1 female paralectotype: coll. ELWES, RUSSIA (Ongodai), BMNH(E) # 265846. (Colour plate III, figs 47-52)

Currently placed as subjective synonym of *Plebeius argus* (LINNAEUS) (BRIDGES, 1994: VIII.340; IX.91). Described from two males and one female from "Ongodai" (leg. JACOBSON), one male and two females from "Ongodai" (leg. BEREZOWSKY), one male from "Bashkaus" (ELWES) and one male from "Samarkand" (ex STAUDINGER). There is in the BMNH a single pair from Ongodai taken by JACOBSON, which originates from these specimens and can be considered as a pair of syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The remaining female is similarly designated paralectotype.

According to wing pattern and colouration (blue tinted male ground colour with very wide black margin), the taxon belongs to *subsolanus* as had been already noted by TUTT (1909: 200). This statement is reflected in my previous paper (BÁLINT, 1990a: 3 and pl. 1).

Having examined the primary type of taxa *ida* GRUM-GRSHIMAILO and that of *ongodai* TUTT it is not possible to distinguish them, therefore I consider these taxa as synonyms. Consequently *Lycaena ida* GRUM-GRSHIMAILO, 1891 = *Plebeius argus ongodai* TUTT, 1909, **syn. nov.**

**orbona** GRUM-GRSHIMAILO, 1891: 452 (as species of *Lycaena*). LECTOTYPE, male, designated here. Guj-duj-sa, M. Dshachar, prov. Amdo. / 5.VII.'90. / Orig. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 264959. 2 female paralectotypes: coll. GRUM-GRSHIMAILO, CHINA (Amdo); BMNH(E) ## 264961, 264962.

Currently placed as subjective synonym of *Polyommatus (Agriades) aquilo* (BOISDUVAL) (BRIDGES, 1994: VIII.342.; IX.99)

Described from an unstated number of male and female specimens from mount "Guj-duj", region of "Amdo". There are in the BMNH a single male and two females, which originate from the GRUM-GRSHIMAILO collection and can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and labelled accordingly. The females are similarly designated paralectotypes.

The taxon seems to be the senior subjective synonym of "*Lycaena Orbitulus* Esp. var. *Tartarus*" STAUDINGER (1895: 300, type locality: "Zwischen dem Lob Noor and Kuku Noor" - erroneously given as "Tunis" by BRIDGES, 1994: VIII.454). As no type material of *tartarus* was examined by me (must be deposited in ZMHU, Berlin), I cannot formalise here the supposed synonymy.

**orientalis** CHAPMAN, 1913: 675 (as geographic variation of *Agriades thersites*). LECTOTYPE, male, designated here. Altai, Ongudai, 12.6.'08., A. JAKOBSON / T. A. CHAPMAN, 1913-61. / BMNH(E) # 264464. 1 male paralectotype: coll. ELWES, MONGOLIA (Chingan Mts.); BMNH(E) # 264465.

Junior homonym of "*Lycaena amandus orientalis*" STAUDINGER, 1901 (STAUDINGER & REBEL, 1901: 85) and renamed as *Lycaena thersites orientis* by SHELJUZKO (1928: 128). Currently placed as subspecies of *Polyommatus (Plebicula) thersites* (CANTENER) (BRIDGES, 1994: VIII.343; IX.107).

Described from an unstated number of specimens from Asia. In the paper of CHAPMAN there are listed only two Asian localities under the specimens he examined, namely "Tianshan" and "Ongadai" (CHAPMAN, 1913: 674). There are in the BMNH general collection two males, one from the "Chingan Mts."

(E. Tien Shan) and one from "Ongodai". These specimens were certainly examined by CHAPMAN thus they can be considered as syntypes with certainty. The male from "Ongodai" is hereby designated LECTOTYPE and has been labelled accordingly. The remaining male is similarly designated paralectotype.

**orientaloides** VERITY, 1931: 48 (as geographic race of *Lycaeides argus*). LECTOTYPE, male, designated here. Hyrcan. / KÜNE 2. 83. / ZELL. Coll., 1884. / BMNH(E) # 265476. 2 male, 2 female paralectotypes: colls ELWES, ZELLER, IRAN (Hyrcana; N. Persia); BMNH(E) ## 265477–265480.

Currently listed as unavailable name in subjective synonymy of *Plebejus argus* (LINNAEUS) (BRIDGES, 1994: VIII.244; IX.91).

Described from two pairs of specimens from "Hyrcania (HUENE); ZELL. coll." and "N. Persia (FUNKE, '84)". Actually there are two "HUENE" (= KÜNE) males which I consider as syntypes, because it is not possible to select the exact specimen mentioned in the original description. One of these "KÜNE" males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

The taxon was described as geographic race, thus according to the "Code" the name is available.

**palandoekis** SCHURIAN & HÄUSER, 1981: 105; figs 2a–d (as subspecies of *Meleageria daphnis*). 3 male paratypes. SCHURIAN leg., TURKEY (Palandöken Daghi); BMNH(E) ## 265683–265685.

Currently placed as subspecies of *Polyommatus (Meleageria) daphnis* ([DENIS & SCHIFFERMÜLLER]) (BRIDGES, 1994: VIII.349; IX.106).

**pandava** HORSFIELD, 1829: 84 (as species of *Lycaena*). LECTOTYPE, female, designated here. 60. 15., E. I. C. / *Lycaena, pandava*, type, HRSFLD. / BMNH(E) # 264414.

Currently placed as species of *Chilades* (BRIDGES, 1994: VIII.352; IX.26).

Described from an unstated number of female specimens taken in "Java" (HORSFIELD & MOORE, 1858: 22). There is in the BMNH a single female specimen, which originates from the HORSFIELD collection and can be considered as syntype with certainty. This specimen is hereby selected LECTOTYPE and has been labelled accordingly.

**paralcestis** FORSTER, 1960a: 17 (as subspecies of *Agrodiaetus ripartii*). 3 male, 5 female paratypes: colls GODMAN-SALVIN, ELWES, OBERTHÜR, ZELLER, TURKEY (Amasia, Konia, Konstantinopel, Yozgat); BMNH(E) ## 265597–295605.

Currently placed as subspecies of *Polyommatus (Agrodiaetus) ripartii* (FREYER) (ECKWEILER & HÄUSER, 1997: 156).

**parnassia** STAUDINGER, 1871: 55 (as geographic variation of *Lycaena semiargus*). 2 male, 1 female syntypes: coll. GODMAN-SALVIN, ex STAUDINGER, GREECE; BMNH(E) ## 264427, 264428.

Currently placed as subjective synonym of *Polyommatus (Cyaniris) semiargus* (ROTTEMBURG) (BRIDGES, 1994: VIII.355; IX.102).

**parnassica** BROWN, 1997: 141–174 (as subspecies of *Plebicula escheri*). Holotype, male. Greece, Delphi, 13.V.'31., C. VAN STRAUBENZÉE, B.M. 1943-17. / BMNH(E) # 264562. 7 male paratypes: leg. STRAUBENZÉE, GREECE (Delphi); BMNH(E) ## 264563–264569.

Currently placed as subspecies of *Polyommatus (Plebicula) escheri* (HÜBNER) (BRIDGES, 1994: VIII.355; IX.106).

**patriarcha** BÁLINT, 1992a: 134, pl. VIII, figs 1–4 (as species of *Plebejus*). Holotype, male. Karnak, Darwas / 8.VI.'85. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 265377. 2 male, 4 female paratypes: coll. GRUM-GRSHIAMLO, TAJIKISTAN (Bokharie, Chingob-Darya, Darwas-Karnak, Karatag, Karnak); BMNH(E) ## 265378–265382.

Currently placed as species of *Plebejus (Plebejides)* (BRIDGES, 1994: VIII.358; IX.96).



**peilei** BETHUNE-BAKER, 1921: 63 (as species of *Polyommatus*). LECTOTYPE, male, designated here. N.W. Persia, Karind Gorge, 6000 ft. 14.VII.1918, H. D. PEILE, 1921-17. / BMNH(E) # 264238. 4 male, 1 female paralectotypes: leg. PEILE, IRAN (Karind Gorge); BMNH(E) ## 2564239-264243.

Currently placed as species in the *dolus*-group of *Polyommatus* (*Agrodiaetus*) (ECKWEILER & HÄUSER, 1997: 157).

Described from seven males and one female specimen from "Karind Gorge" taken by PEILE at 6000 ft in July 1918. There are in the BMNH five males and one female specimens, which certainly originate from this series. One of the males, figured by D'ABRERA (1993: 515, as "*A. peilei* male R"), is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes (one male is figured by D'ABRERA, l.c.).

**persica** TUTT, 1909: 277 (as geographic race of *Cyaniris semiargus*). LECTOTYPE, male, designated here. N. Persia, ex STAUDINGER, coll. GODMAN-SALVIN, / coll. GODMAN-SALVIN 1906-110. / BMNH(E) # 265816. 6 male, 7 female paralectotypes: colls ELWES, GODMAN-SALVIN, ZELLER, IRAN (Hadsycyabad, Schakuh), UZBEKISTAN (Astrabad, Täsch); BMNH(E) ## 265917-265929.

Described from four males and two females from "Astrabad" (coll. ZELLER), one female from "Täsch" (coll. ZELLER), one male and two females from "Shahkuh" (coll. ZELLER), one male and one female from "N. Persia" (coll. GODMAN-SALVIN), one male and three females from "Shahkuh" (coll. ELWES) and one female from "Hadsycyabad" (coll. ELWES). There are in the BMNH seven males and seven females from this series, which can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

BRIDGES (1994: VIII.365) listed the name as objectively unavailable, because according to his source it was described as an aberration. This is not correct; the taxon was described as "*var. persica*, n. var" amongst "the races of the orient".

**pharis** FAWCETT, 1904: 138, pl. 9, fig. 5 (as geographic variation of *Lycaena pheretes*). LECTOTYPE, male, designated here. Khamba Jong, Thibet, 15.000 ft., July '03 / A. F. HEMMING No. 8167. / BMNH(E) # 265024. 1 male, 1 female paralectotypes: coll. FAWCETT, CHINA (Tibet: Khamba Jong); BMNH(E) ## 265025, 265729.

Currently placed as subspecies of *Polyommatus* (*Albulina*) *lehanus* MOORE (BRIDGES, 1994: VIII.367; IX.101).

Described from an unstated number of male and female specimens from Tibet, "Khamba Jong", taken at 15000 ft in July by native collectors. There are in the BMNH two specimens, one male and one female, which certainly originate from this series. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype. Most probably these specimens were figured originally in the paper of FAWCETT.

There is an editorial note under the head of FAWCETT's paper that the name with preliminary diagnoses has been already published in the Abstract of the Proceedings. As the entire description with figures (male as fig. 5, female as fig. 5a) was published in the cited paper I consider this paper as first description of *pharis*.

**pheres** STAUDINGER, 1886: 209 (as variation of *Lycaena pheretiades*). 1 male syntype: coll. GODMAN-SALVIN, ex STAUDINGER, UZBEKISTAN (Namangan); BMNH(E) # 265122.

Junior secondary homonym "*Lycaena pheres*" BOISDUVAL (1852: 297, type locality: California, current genus: *Glaucopsyche*) and renamed as *Lycaena pherecydes* by GRUM-GRSHIMAILO (1890: 391; see KOÇAK, 1998: 6).

Currently placed as subspecies of *Polyommatus* (*Agriades*) *pheretiades* (EVERSMANN) (BRIDGES, 1994: VIII. 369; IX.99).

The taxon "*Lycaena pheretiades phereclus*" (GRUM-GRSHIMAILO, 1891: 391) based on a single specimen (GRUM GRSHIMAILO, 1890: 390, type locality: "cours supérieur du Yagatschart, au N.-O. de Taldyk") and mentioned as "nomina praeferendum" by STAUDINGER (1901: 82), is most probably senior synonym of "*Lycaena pheretiades* var. *tekessana*" ALPHÉRAKY (1897: 234, type locality (p. 235): "fleuve Tékesse,

dans le Thian-Chan"). As I was not able to study the primary types of *tekessana*, and the holotype of *phereclus* was not located in the BMNH collections, this synonymy is not proved here.

***pheretulus*** STAUDINGER, 1886: 209 (as variation of *Lycaena pheretiades*). 1 male, 1 female syntypes: coll. GODMAN-SALVIN, Ex STAUDINGER, UZBEKISTAN (Centr. Asia); BMNH(E) # 265123, 265124.

Currently placed as subjective synonym of *Polyommatus (Agriades) pheretiades* (EVERSMANN) (BRIDGES, 1994: VIII.368; IX.99).

"Centr. Asia" is given as locality on the labels. The taxon was described from "Osch" and "Alai" (STAUDINGER, 1886: 210).

***philbyi*** GRAVES, 1925: 55, pl. 5, figs 1–2 (as subspecies of *Plebeius sephirus*). LECTOTYPE, male. Transjordan, Petra, 25.III.1923., H. St. J. PHILBY, Brit. Mus. 1923-457. / BMNH(E) # 265426. 2 male, 2 female paralectotypes: PHILBY leg., ISRAEL (Transjordan); BMNH(E) ## 265427–265430. (Colour plate II, figs 30–32)

Currently placed as subspecies of *Plebejus (Plebejides) indica* (EVANS) (BRIDGES, 1994: VIII.368; IX.95). Described from two males and two females from "Petra" and one male from "Zarqa" collected by Mr. H. St. J. PHILBY. All of these specimens can be found in the BMNH collection, and one of the Petra males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

***phyllis*** CHRISTOPH, 1877: 237, pl 5., figs 9–10 (as geographic variation of *Lycaena damon*). 1 male, 2 female paralectotypes: coll. CHRISTOPH, IRAN (Shahkuh); BMNH(E) ## 264247–264249.

Currently placed as species in the *damon*-group of *Polyommatus (Agrodiaetus)* (ECKWEILER & HÄUSER, 1997: 157).

Unintended description of a name presumed to be published by STAUDINGER from an unspecified number of specimens from "Schahkuh" taken in July (CHRISTOPH, 1877: 238). There are in the BMNH two males and one female, which certainly originate from these specimens and can be considered paralectotypes.

Lectotype designated by ECKWEILER & TEN HAGEN (1998: 113).

***pierinoi*** BÁLINT, 1995a: 96, figs 3–6 (as species of *Polyommatus*). Holotype, male. Nepal, Sabze Khola, 13500 ft, 19.VII.1950. / B.M. Exp. to Nepal, B.M. 1950-649. / BMNH(E) # 265690. 9 male, 8 female paratypes: B.M. Nepal Expedition, NEPAL (Braga, Khangsar, Marsiandi, Sabze, Sabze Khola); BMNH(E) ## 265691–265707.

***plouharnelensis*** OBERTHÜR, 1910: 186, pl. 38, figs 252, 253 (as geographic race of *Lycaena aegon*). LECTOTYPE, male, designated here. Morbihan, Dunes entr Plouharnel et Kérostin, P. BOULÉ, 4–6.VI. 1909. / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265447. 5 male, 1 female paralectotypes: coll. OBERTHÜR, FRANCE (Plouharnel); BMNH(E) ## 265448–265451, 265543, 265544. Additional 51 male and 55 female paralectotypes with lectotype data without BMNH(E) #.

Currently placed as subjective synonym of *Plebejus argus* (LINNAEUS) (BRIDGES, 1994: VIII.375; IX.91). Described from a series of more than a hundred specimens taken by M. P. BOULÉ at "Plouharnel, Bretagne". There is in the BMNH a long series of 57 male and 56 female specimens, which originate from this series. These specimens can be considered as syntypes with certainty. The male specimen, figured by OBERTHÜR (1904: pl. 38, fig. 252) is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens listed here are similarly considered as paralectotypes.

***plumbea*** BUTLER, 1881b: 486 (as species of *Scolitantides*). Lectotype, male. Chili, 82. 61. / BMNH(E) # 265560. (Colour plate I, figs 1–4)

Currently placed as species of *Pseudolucia* (BRIDGES, 1994: VIII.375; IX.110).

Lectotype designated by BÁLINT (1993: 19) and type locality restricted as "Las Cabras, Cord. Chillán, Chile".

**polonus** ZELLER, 1845: 354 (as species of *Polyommatus*). LECTOTYPE, male. Coll. ZELLER / BMNH(E) # 264577.

Currently placed as subjective synonym of *Polyommatus (Lysandra) coridon* (Poda) (BRIDGES, 1994: VIII.377; IX.105).

ZELLER based his original description on two male specimens he had seen in the collection of Dr. LOEW of Posen (now Poznań, Poland). One specimen was later sent to ZELLER, the other one was retained for LOEW's own collection. The male specimen, I have found in the type collection marked as type, is certainly the specimen sent by LOEW to ZELLER. This male is hereby designated LECTOTYPE and has been labelled accordingly.

The literature considers the taxon *polonus* as *coridon* × *bellargus* hybrid (SCHURIAN, 1988: 9, and see the paper of DE LESSE cited in the mentioned page). Most of the considerations of DE LESSE refer to the not-so-rare natural hybrid of *coridon* × *daphnis* ("*Lysandra cormion*", see NABOKOV, 1941 and SCHURIAN, 1989, 1991). The status of the taxon is unclear, because of the following two points. 1) SCHURIAN, who carried out thorough breeding experiments crossing several taxa, failed to cross *bellargus* and *coridon* (SCHURIAN, 1988: 40) and 2) according to recent faunistic results in Hungary a constant population of *P. polonus* exists (DIETZEL, 1997: 169).

**posthumus** CHRISTOPH, 1877: 238, pl. 5, fig. 11 (as variation of *Lycaena damon*). 1 male paralectotype: coll. ELWES, IRAN (Schahkuh); BMNH(E) # 264246.

Currently placed as a species in the *damon*-group of *Polyommatus (Agrodiaetus)* (ECKWEILER & HÄUSER, 1997: 158).

ECKWEILER & TEN HAGEN (1998: 113) have very recently designated lectotype.

Described from a series of an unspecified number of specimens from "Schahkuh" taken in July (CHRISTOPH, 1877: 239). There is the BMNH one male, which certainly originates from these specimens and can be considered as paralectotype.

**praeterinsularis** VERITY, 1921: 175, pl. 3, figs 5–6 (as geographic race of *Plebeius insularis*). LECTOTYPE, male, designated here. Japon / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265441. 1 female paralectotype: coll. OBERTHÜR, JAPAN; BMNH(E) # 265442.

Currently placed as subspecies of *Plebejus (Lycaeides) argyrognomon* (BERGSTRÄSSER) (BRIDGES, 1994: VIII.381; IX.94).

The types of *praeterinsularis* selected by VERITY are the two specimens figured by OBERTHÜR (1910: Pl. 42, figs 305–306) as *Lycaena insularis* LEECH. These specimens are in the BMNH, and the male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**pseudactis** FORSTER, 1960b: 120, pls 12, 13, figs 6–7 (as subspecies of *Agrodiaetus actis*). 3 male, 2 female paratypes: colls CHRISTOPH, ELWES, IRAN (Kasikoparan); BMNH(E) ## 265660–265663, 265677. Currently placed as subspecies of *Polyommatus (Agrodiaetus) firdussii* (FORSTER) (ECKWEILER & HÄUSER, 1997: 158).

**pseudaegon** BUTLER, [1882]: 851 (as species of *Lycaena*). LECTOTYPE, male, designated here. FENTON Coll., Brit. Mus., 1923-613. / BMNH(E) # 265527. 1 male, 2 female paralectotypes: coll. FENTON; BMNH(E) ## 265528–265530.

Currently placed as subspecies of *Plebejus argus* (LINNAEUS) (BRIDGES, 1994: VIII.384; IX.91).

Described from a series of male and female specimens from "Iburi". There are in the BMNH two male and two female specimens, which originate from this series and can be considered as syntypes with certainty. One of the male is hereby designated LECTOTYPE and has been labelled accordingly, the remaining specimens are similarly designated paralectotypes.

**pseudoxeres** FORSTER, 1956: 118, pls 12, 13, figs 3–4 (as subspecies of *Agrodiaetus carmon*). 7 male, 7 female paratypes: colls ELWES, ZELLER; bequests JOICEY, ROTHSCHILD, IRAN (various localities); BMNH(E) ## 265640–265653.

Currently placed as subspecies of *Polyommatus (Agrodiaetus) kendevari* (FORSTER) (ECKWEILER & HÄUSER, 1997: 158).

**pulchristriata** BETHUNE-BAKER, 1905: 495 (as species of *Lycaena*). LECTOTYPE, male, designated here. Escarpment, B. E. A., XII.'00-, 1.'01. (W. DOHERTY), 6500–9000 ft. / G. T. B. BAKER Coll., Brit. Mus. 1927-360. / BMNH(E) # 264378. 1 female paralectotype: coll. BETHUNE-BAKER, leg. DOHERTY, KENYA (Escarpment); BMNH(E) # 264379.

Currently placed as subjective synonym of *Chilades kedonga* (GROSE-SMITH) (BRIDGES, 1994: VIII.388; IX.26). The taxon *kedonga* proved to be junior synonym of *naidina* BUTLER (see above the entry of *naidina*).

Described from an unspecified number of male and female specimens from "Escarpment", taken by W. DOHERTY. There are in the BMNH two specimens, one male and one female, which originate from the BETHUNE-BAKER collection and can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**pyrenaica** BOISDUVAL, 1840: 11 (as geographic variation of *Lycaena orbitulus*). LECTOTYPE male, designated here. Pyrenées / Ex Museo Dris BOISDUVAL / Ex OBERTHÜR Coll., 1927-3. / BMNH(E) # 265176. 1 male, 3 female paralectotypes: coll. BOISDUVAL, SPAIN (Pyrenées); BMNH(E) ## 265177–265180.

Currently placed as species of *Polyommatus (Agriades)* (BRIDGES, 1994: VIII.392; IX.100).

Described from a series of an unstated number of specimens from the "Pyrenées" taken in July. There are in the BMNH two males and three females, which certainly originate from this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**regularis** TENNENT, 1995: 121 (as subspecies of *Plebejus martini*). Holotype, male. Dj. Lakraa, Western Rif., Morocco, 19–2100 metres, W. J. TENNENT, 1.7.1993.; JOHN TENNENT, Butt. of Morocco, Algeria & Tunisia, Pl. 12. Fig 18., presented by, W. J. TENNENT.; Brit. Mus., 1995-55. / BMNH(E) # 265330. 6 male and 4 female paralectotypes: leg. TENNENT, MOROCCO (Lakraa); BMNH(E) ## 265331–265340. Holotype figured by TENNENT (1996: 144, Pl. 12, fig. 18).

**ripartii** FREYER, 1830: 128, pl. 133, fig. 3. (as species of *Lycaena*). LECTOTYPE, male, designated here. *Ripartii* / Ex. Coll., FREYER / ROTHSCHILD Bequest, B.M. 1939-1. / BMNH(E) # 263941. 1 male paralectotype: coll. Freyer; BMNH(E) # 263942.

Currently placed as species in the *admetus*-group of *Polyommatus (Agrodiaetus)* (ECKWEILER & HÄUSER, 1997: 159).

Described from a series of male and female specimens from Spain, sent to FREYER by Baron von WIMMER (Prag) and FRIEDRICH TREITSCHKE (Pest). There are in the BMNH two male specimens, which originate from the FREYER collection and can be considered as syntypes with certainty. One of these males is hereby designated as LECTOTYPE and has been labelled accordingly. The remaining male is similarly designated paralectotype.

**ripartii** BOISDUVAL, 1832: 68, pl. 16, figs 4–6 (as species of *Argus*). LECTOTYPE, male. Alp. gall. / Ex Musaeo, Dris BOISDUVAL / Ex OBERTHÜR Coll., Brit. Mus. 1937-3 / BMNH(E) # 263943. 3 male, 1 female paralectotypes: Ex Musaeo, Dris BOISDUVAL, FRANCE ("Alp. gall."); BMNH(E) ## 263944–263946.

Currently placed as subspecies of *Polyommatus (Agrodiaetus) ripartii* (ECKWEILER & HÄUSER, 1997: 159). Described from an unspecified number of specimens from the surroundings of "Digne" taken by RIPPERT (BOISDUVAL, 1832: 69). There are in the BMNH four males and one female, which certainly originate from this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

BRIDGES (1994: VIII.401) considered the name to be an unjustified emendation of *ripartii* FREYER, 1830 based on the work of MANLEY & ALLCARD (1970). However, as HÄUSER & ECKWEILER (1997: 99) pointed out, BOISDUVAL gave no reference to FREYER, whose material was from Spain (FREYER, 1830: 129; two

male and two female paralectotypes are deposited in the TREITSCHKE collection of the HHNM). Consequently in the literature *rippertii* is rightly considered as junior subjective synonym of FREYER's *ripartii* (e.g. VIVES MORENO, 1994: 334; LERAUT, 1997: 184).

**rogneda** GRUM-GRSHIMAILO, 1890: 376 (as geographic variation of *Lycaena christophi*). LECTOTYPE, male. Kashgar, Myn-jol / 7.6.'86. / Orig. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 140567. 1 male, 1 female paralectotypes: coll. GRUM-GRSHIMAILO, CHINA (Kashgar; Chingooob-Darya); BMNH(E) ## 140564, 264546.

Currently placed as subjective synonym of *Plebejus (Lycaeides) christophi* (BRIDGES, 1994: VIII.403; IX.94).

Described from a series of male and female specimens from the vicinity of "Myn-iola", "Darvaz" and "Khingooob-Darya". There are in the BMNH two males and one female specimens, which originate from the GRUM-GRSHIMAILO collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining male and the female specimen is similarly designated paralectotype.

The taxon is indistinguishable from topotype specimens of *Lycaena agnata* RÜHL (1895: 299, type locality: "in den Gebirgen südlich vom Issyk-Kul-See") examined in the BMNH (figured by D'ABRERA, 1993: 490 as "*P. agnata* male R" and "*P. agnata* female R"). Therefore I consider them as synonyms, but since I was unable to study any primary type material of *agnata*, this synonymy is not formalised here.

*Lycaena agnata* RÜHL is an unintended description of a name, presumed to be published by STAUDINGER. This is "*Lycaena christophi* var. *agnata*" (STAUDINGER, 1889: 19; c.f. STAUDINGER, 1901: 80).

**roseonitens** OBERTHÜR, 1910: 215 (as geographic race of *Lycaena escheri*). LECTOTYPE, male. Grenade / Ex Coll., DE GRASLIN / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 264511.

Currently placed as subspecies of *Polyommatus (Plebicula) escheri* (HÜBNER) (BRIDGES, 1994: VIII.404; IX.106).

Described from an unstated number of male and female specimens from "Grenade" and "Sierra de Alfakar" taken by GRASLIN and OBERTHÜR's brother in July 1879. There is in the BMNH a single male taken by GRASLIN in Granada, labelled as "race *roseonitens*" by OBERTHÜR himself. This specimen can be considered as syntype with certainty. This male is hereby designated LECTOTYPE and has been labelled accordingly.

**roxane** GRUM-GRSHIMAILO, 1887: 400 (as species of *Lycaena*). LECTOTYPE, male. Shir-Abad, 18.5.'85. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 265209. 3 male, 3 female paralectotypes: coll. GRUM-GRSHIMAILO, UZBEKISTAN, TAJIKISTAN (Shir-Abad, Surchan-Darya, Fergana: Arawan); BMNH(E) ## 140555, 140556, 265210-265213.

Currently placed as subjective synonym of *Plebejus (Lycaeides) christophi* (STAUDINGER) (BRIDGES, 1994: VIII.404; IX.94).

Described from a series of male and female specimens taken at river "Surchan" (GRUM-GRSHIMAILO, 1877: 366) and in the forested range of "Darwas" (GRUM-GRSHIMAILO, 1877: 378). There are in the BMNH four male and three female specimens, which originate from the GRUM-GRSHIMAILO collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**rueckbeili** FORSTER, 1960b: 126, pls 10, 11, figs 21-22 (as subspecies of *Agrodiaetus iphigenia*). 3 male paratypes: ROTHSCHILD Bequest, CHINA (Ak-su); BMNH(E) ## 265667-265669.

Currently placed as subspecies of *Polyommatus (Agrodiaetus) juldusus* (FORSTER) (ECKWEILER & HÄUSER, 1997: 159).

**rupala** EVANS, 1925: 350 (as subspecies of *Polyommatus sarta*). LECTOTYPE, male, Rupal, N. Astor, 11000, 26.7.'20. / TYTLER Coll., B.M. 1939-614. / BMNH(E) # 264591.

Currently placed as subspecies of *Polyommatus devanica* (MOORE) (BRIDGES, 1994: 407; IX.97).

Unintended description of a name presumed to be published by TYTLER from an unspecified number of specimens from "Astor". Not listed by BRIDGES (1994).

There are in the BMNH 17 male and six female specimens, which originate from the TYTLER collection and can be considered as syntypes of TYTLER's *rupala* with certainty. One of the males, figured by D'ABERRA (1993: 505, as "*P. sarta rupala* male R") is hereby designated LECTOTYPE and has been labelled accordingly.

***rupala*** TYTLER, 1926: 586, pl. 1, figs 14, 15 (as subspecies of *Polyommatus sarta*). LECTOTYPE, male. Rupal, N. Astor, 11000, 26.7.'20. / TYTLER Coll., B.M. 1939-614. / BMNH(E) # 264591 (also lectotype of *P. sarta rupala* EVANS). 15 male, 6 female paralectotypes: coll. TYTLER, INDIA (Astor, Rupal); BMNH(E) ## 264592-264613. (Colour plate IV, figs 64-71)

Secondary homonym of *Polyommatus rupala* EVANS (see above). Currently placed as junior homonym of *Polyommatus sarta rupala* EVANS (BRIDGES, 1994: IX.97).

There are in the BMNH 16 male and six female specimens, which originate from the TYTLER collection and can be considered as syntypes with certainty. One of the males, figured by D'ABERRA (1993: 505, as "*P. sarta rupala* male R") and designated above as lectotype of *Polyommatus rupala sarta* EVANS, is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes (one male is figured by D'ABERRA, l.c. as "*P. sarta rupala* male R").

As the primary type specimens of *rupala* EVANS and *rupala* TYTLER are identical, these taxa are objective synonyms.

***rutilans*** STAUDINGER, 1886: 208 (as species of *Lycaena*). 1 male, 1 female syntypes: coll. GODMAN-SALVIN, ex STAUDINGER, TAJIKISTAN (Tura); BMNH(E) ## 265183, 265184.

Currently placed as subspecies of *Plebejus (Vacciniina) iris* (LANG) (BRIDGES, 1994: VIII.408; IX.96).

***salassorum*** FRUHSTORFER, 1910: 48 (as geographic variation of *Lycaena semiargus*). LECTOTYPE, male, designated here. Cogne, '10., FRUHSTORFER / FRUHSTORFER Coll., B.M. 1933-131. / BMNH(E) # 264273. 6 male, 1 female paralectotypes: coll. FRUHSTORFER, FRANCE (Cogne); BMNH(E) ## 264274-264280.

Currently placed as subjective synonym of *Polyommatus (Cyaniris) semiargus* (ROTTEMBURG) (BRIDGES, 1994: VIII.410; IX.102).

Described from an unstated number of male and female specimens from "Cogne". There are in the BMNH seven males and a single female specimen, which originate from this series and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

***samudra*** MOORE, [1875]: 574, pl. 67, fig. 2 (as species of *Polyommatus*). LECTOTYPE, male. MOORE Coll., 1908-208. / MOORE [%: Skardu, capt. HELLARD, 1873.] / BMNH(E) # 140568. 1 male paralectotype: coll. MOORE, INDIA (Skardu); BMNH(E) # 140575.

Currently placed as species of *Plebejus (Lycaeides)* (BRIDGES, 1994: VIII.411; IX.95).

Described from an unstated number of male specimens from "Skardu" collected by capt. HELLARD. There are in the BMNH two male specimens taken at Skardu by HELLARD and originating from the MOORE collection, which can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimen is similarly designated paralectotype.

***sanoga*** EVANS, 1925: 346, pl. 27, fig. 23.5 (as subspecies of *Lycaena loewii*). LECTOTYPE, male. Chitral, Kashmir, Major F. WALL, 20.6-10.7.'10. / 1911-438. / BMNH(E) # 264631. 5 male, 4 female paralectotypes: leg. WALL, PAKISTAN (Chitral); BMNH(E) ## 264632-264639, 264646.

Currently placed as subspecies of *Polyommatus (Plebejidea) loewii* (ZELLER) (BRIDGES, 1994: VIII.412; IX.106).

Described from a series of specimens from "Chitral-Ladak". There are in the BMNH six males and four females originating from the EVANS collection and can be considered as syntypes with certainty. One of

the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

TSHIKOLOVETS (1997a: 138) listed *sanoga* erroneously in synonymy with *baroghila*. The taxa belong to two different species-groups (or subgenera) of different genera (see the entry of *baroghila* above).

**sareptensis** CHAPMAN, 1917: 52 (as species of *Plebeius*). LECTOTYPE, male. Sarepta, 20.5.1914., W. G. S. / W. G. SHELDON, Bequest, B.M. 1944-37. / BMNH(E) # 265291. 2 male, 2 female paralectotypes: SHELDON Bequest, RUSSIA (Sarepta); BMNH(E) ## 265292-265295.

Currently placed as subspecies of *Plebejus (Lycaeides) cleobis* (BREMER) (BRIDGES, 1994: VIII.413; IX.95).

CHAPMAN (1917) did not give any information about the origin or the source of the material he studied. But in a later work CHAPMAN (1918: 4) gives the necessary data, mentioning that the specimens of *sareptensis* originate from SHELDON, who captured them in Russia. SHELDON does not list precisely his material but only gives a brief diagnosis (SHELDON, 1914: 273, under "*Plebeius argyrognomon*" = *P. idas*). There are in the BMNH three males and two females, which were captured in Sarepta by SHELDON and can be regarded as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

The taxon is mistakenly listed as subspecies of *cleobis* (= *subsolanus*), because according to the wing pattern and colouration *sareptensis* is a representative of *Plebejus idas* (LINNAEUS) sensu lato as already stated by SHELDON. Consequently *Plebejus idas sareptensis* CHAPMAN, 1917, **comb. nov.**

**sarmatis** GRUM-GRSHIMAILO, 1890: 393 (as geographic variation of *Lycaena astrarche*). LECTOTYPE, male. Ural, Sarda / VI.88. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 265108. 4 male, 1 female paralectotypes: coll. GRUM-GRSHIMAILO, RUSSIA (Ural); BMNH(E) ## 265109-265113.

Currently placed as subjective synonym of *Plebejus (Aricia) agestis* (DENIS & SCHIFFERMÜLLER) (BRIDGES, 1994: VIII.413; IX.92).

Described from an unstated number of specimens from "Russie méridionale". There are in the BMNH five males and one female from the GRUM-GRSHIMAILO collection taken in the Ural region. These specimens can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes. The taxon belongs to the *agestis* species group of *Aricia* sensu BÁLINT & JOHNSON (1997: 11). It was described as the south Russian form of the multi brooded *astrarche* BERGSTRÄSSER, [1779] (= *agestis* DENIS & SCHIFFERMÜLLER, 1775), but according to the colouration and markings of the wings it represents the univoltine *artaxerxes-allous-inhonora* lineage, consequently: *Aricia allous sarmatis* (GRUM-GRSHIMAILO, 1891), **comb. nov.**

The most recent and comprehensive book on Central Russian butterflies Russia (LUKHTANOV & LUKHTANOV, 1994: 189) does not mention *sarmatis*, but it gives the younger name *inhonora* JACHONTOV (1909: 253, type locality: "Rossia centrali et orientali"). I could not examine any primary type material of *inhonora*, but I presume that the two taxa mentioned are synonymous. Consequently, GRUM-GRSHIMAILO's name should take priority over *inhonora*, but it would be preferable to put it to the official list of unavailable names as "nomen oblitum".

**sartoides** SWINHOE, 1910: 21, pl. 645, f. 1. (as subspecies of *Polyommatus devanica*). LECTOTYPE, male. Jhela Drosh, Chitral, Capt. S. W. HARRIS, 98-182. / BMNH(E) # 264589. 1 female paralectotype: leg. S. W. HARRIS, PAKISTAN (Chitral); BMNH(E) # 264590.

Currently placed as subspecies of *Polyommatus sarta* (ALPHÉRAKY) (BRIDGES, 1994: VIII. 414; IX.99).

Described from a series of male and female specimens from "Chitral". There is in the BMNH a pair of specimens, one male and one female, which originate from the SWINHOE collection and can be considered as a pair of syntype specimens with certainty. The male, figured by SWINHOE himself and also by TSHIKOLOVETS (1997a: 142, pl. 41, figs 22-23 as) is hereby designated LECTOTYPE and has been labelled accordingly. The female specimen is similarly designated paralectotype (figured by D'ABRERA, 1994: 505, as "*P. sarta sartoides* female R").

**semiturcmenicus** BÁLINT, 1991: 51, figs 51–52 (as subspecies of *Plebejus* [*Plebejides*] *sephirus*). 1 male paratype: leg. LUKHTANOV, AZERBAIJAN (Baku); BMNH(E) # 265713.  
Currently placed as subspecies of *Plebejus* (*Plebejides*) *pylaon* (FISCHER VON WALDHEIM) (BRIDGES, 1994: VIII.420; IX.96).

**seoki** SHIROZU & SIBITANI, 1943: 25 (as subspecies of *Plebejus argus*). 1 male paratype: leg. SIBITANI, KOREA (Saishuto); BMNH(E) # 265526.  
Currently placed as subspecies of *Plebejus argus* ([DENIS & SCHIFFERMÜLLER]) (BRIDGES, 1994: VIII.421; IX.92).

**sephirus** FRIVALDSZKY, 1835: 269, pl. 7, figs 1–2 (as species of *Lycaena*). 1 male syntype: ROTHSCHILD Bequest, BULGARIA (Balkan Mnts); BMNH(E) # 265360.  
Currently listed as “*sephyrus* (FRIVALDSZKY VON FRIVALD)”, subspecies of *Plebejus* (*Plebejies*) *pylaon* (FISCHER VON WALDHEIM) (BRIDGES, 1994: VIII.421; IX.96).

BRIDGES treated *sephirus* as objectively unavailable name, which is erroneous. The original spelling of FRIVALDSZKY sounds “*Sephir* Boglárka. *Lycaena sephirus*. FRIVALD.”. All the other variations (“*sephyrus*”, “*zephyrus*”, “*zephirus*”) are misspellings.

This is the only specimen I could locate of that 16 original FRIVALDSZKY specimens listed by GRAY (1847: 47–50).

**sheljuzkoi** FORSTER, 1960b: 132, pls 10, 11, figs 26–27 (as subspecies of *Agrodiaetus phyllis*). 1 male, 1 female paratypes: leg. SHELUZKO and PAVLITZKAJA, ARMENIA (Mt. Daralagez); BMNH(E) ## 265673, 265674.

Currently placed as subspecies of *Polyommatus* (*Agrodiaetus*) *phyllis* (CHRISTOPH) (ECKWEILER & HÄUSER, 1997: 160).

**shingara** EVANS, 1932: 231 (as subspecies of *Polyommatus eros*). LECTOTYPE, male. Baluchistan, Shingarh, 1.9.'30. / W. H. EVANS, B.M. 1932-274. / BMNH(E) # 264790. 4 male, 1 female paralectotypes: coll. EVANS, PAKISTAN (Shingarh, Ziarat); BMNH(E) ## 264791–264795.

Currently placed as subspecies of *Polyommatus eros* (OCHSENHEIMER, 1808) (BRIDGES, 1994: VIII.424; IX.98).

Described from a series of male and female specimens from “Shingarh” and “Ziarat”. There are in the BMNH six specimens, five males and one female, which originate from the EVANS collection and marked as *shingara* types. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype as well as the remaining males.

Having examined the type of *Polyommatus bilucha* (MOORE) I cannot find any diagnostic character for distinguishing it from *shingara*; thus I consider them as synonyms. Consequently: *Lycaena bilucha* MOORE, 1884 = *Polyommatus eros shingara* EVANS, 1832, **syn. nov.**

**sieversii** CHRISTOPH, 1873: 23, pl. 1, figs 1–2 (as species of *Lycaena*). LECTOTYPE, male, designated here. Ex Coll. CHRISTOPH / Shahkuh, 10.6.'71. / ELWES Coll., 1902-85. / BMNH(E) # 264622. 1 female paralectotype: coll. CHRISTOPH, IRAN (Tasch); BMNH(E) # 264623.

Currently placed as species of *Polyommatus* (*Farsia*) (BRIDGES, 1994: VIII.426; IX.103).

Described from a series of male and female specimens from “Tasch, Schahkuh” taken at 4–10.000 feet (CHRISTOPH, 1873: 24). There are in the BMNH two specimens, one male and one female, which originate from the CHRISTOPH collection and can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**sifanica** GRUM-GRSHIMAILO, 1891: 450 (as geographic variation of *Lycaena argus*). LECTOTYPE, female. / Ssu-Tsou / 27.VIII.'90. / Orig. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 265222.

Currently placed as subjective synonym of *Maculina nausithous* (BERGSTRÄSSER) (BRIDGES, 1994: VIII.426; IX.71).



Described from an unspecified number of specimens from the mountains of "Dschachar" (= Kansu). There is in the BMNH a single female specimen from the GRUM-GRSHIMAILO collection taken in Kansu, which can be considered with certainty as syntype. This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

The taxon is geographic form *subsolanus* EVERSMAHN based on wing characters (brownish underside ground colour with fully developed marginal orange row on both wings), consequently *Plebejus* (*Lycaeides*) *subsolanus sifanicus* (GRUM-GRSHIMAILO, 1891), **comb. nov.**

The lectotype of *sifanicus* shows wing pattern within the range of variation exhibited by *Lycaena ida* described also by GRUM-GRSHIMAILO on the next page in the same paper. Consequently I consider them as synonyms, consequently *Lycaena argus* var. *sifanica* GRUM-GRSHIMAILO, 1891 = *Lycaena ida* GRUM-GRSHIMAILO, 1891 **syn. nov.**

BRIDGES' combination with *nausithous* is obviously incorrect, but I could not find out its source.

**sikkima** BATH, 1900: 199 (as geographic variation of *Lycaena pheretes*). LECTOTYPE, male, designated here. Near Darjeeling, coll. by W. H. BATH / Samdong, 15. 14.000. / ELWES Coll., 1902e-85. / Brit. Mus. 1937-707. / BMNH(E) # 265023.

Currently placed as species of *Polyommatus* (*Albulina*) (BRIDGES, 1994: VIII.427; IX.102).

Described from a series of specimens taken near "Darjeeling" by BATH. There is in the BMNH a single male, which certainly originates from this series. This male (figured by BÁLINT & JOHNSON, 1997: 64-65, pls 3-4, fig. 6) is hereby designated LECTOTYPE and has been labelled accordingly.

**sinica** FORSTER, 1936: 77, pls 10, 11, figs 15-16 (as subspecies of *Lycaena argyrognomon*). 1 male, 1 female syntypes: Exped. STÖTZNER, CHINA (Szetschwan); BMNH(E) ## 265296, 265297.

Currently placed as subspecies of *Plebejus* (*Lycaeides*) *argyrognomon* (BERGSTRÄSSER) (BRIDGES, 1994: VIII.429; IX.94).

**sinina** GRUM-GRSHIMAILO, 1891: 453 (as geographic variation of *Lycaena venus*). LECTOTYPE, male. Kuku-Noor / 14.VII.'90. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 264695. 2 male, 1 female paralectotypes: coll. GRUM-GRSHIMAILO, CHINA (Kuku-Noor); BMNH(E) ## 264696-264698.

Currently placed as subjective synonym of *Polyommatus venus* (STAUDINGER) (BRIDGES, 1994: VIII.453; IX.99).

Described from a series of male and female specimens from the valley of the "Sinin" river and its surroundings. There are in the BMNH three males and one female, which originate from the GRUM-GRSHIMAILO collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**sirin** BÁLINT, 1993: 20, fig. 45 (as species of *Pseudolucia*). Holotype, male. Chile-Arg., Puente del Inca. / ELWES Coll., 1902-85. / Brit. Mus. 1937-707. / BMNH(E) # 265571. 2 male paratypes: coll. ELWES, CHILE (Puente del Inca); BMNH(E) ## 265572, 265573.

Currently placed as subjective synonym of *Pseudolucia argentina* BALLETO (BRIDGES, 1994: IX.109).

The original description of *Cherchiella argentina* BALLETO, 1993 and *Pseudolucia sirin* BÁLINT, 1993 is based on the same material; thus *Pseudolucia sirin* is junior objective synonym of BALLETO's *argentina* (BÁLINT, 1995b: 3).

**solimana** FORSTER, 1938: 336, pls 1, 2, figs 4-6 (as subspecies of *Lycaena* (*Plebeius*) *pylaon*). 1 male, 1 female paratypes: leg. PFEIFFER & FORSTER, IRAN (Elburs: Tacht i Suleiman); BMNH(E) ## 265365, 265366.

Currently placed as subspecies of *Plebejus* (*Plebejides*) *pylaon* (FISCHER VON WALDHEIM) (BRIDGES, 1994: VIII.432; IX.96).

**stoliczkana** FELDER & FELDER, 1865: 283, pl. 35, figs 10-11 (as species of *Lycaena*). LECTOTYPE, male, designated here. Dr STOLICZKA legit. / Ladak / FELDER Coll., *Stoliczkana* FELD. / *Stoliczkana* n. /

ROTHSCHILD Bequest, B.M. 1939-1. / BMNH(E) # 264744. 8 male, 2 female paralectotypes: coll. FELDER, INDIA (Ladakh); BMNH(E) # 264745–264754.

Currently placed as species of *Polyommatus* (BRIDGES, 1994: VIII.438; IX.99).

Described from a series of specimens taken by Dr. STOLICZKA in "Ladak". There are in the BMNH nine males and two females, which originate from the FELDER collection and were taken by STOLICZKA. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**sutleja** MOORE, 1882: 246 (as species of *Lycaena*). LECTOTYPE, male. Kangra, 82. 15. / *Lycaena sutleja*, type MOORE. / BMNH(E) # 264732. 1 male paralectotype: coll. MOORE, PAKISTAN (Dharmasala); BMNH(E) # 264734.

Currently placed as subjective synonym of *Polyommatus ariana* MOORE (BRIDGES, 1994: VIII.448; IX.97). Described from a series of male specimens taken by Rev. HOCKING in the "Kangra" district. There are in the BMNH two male specimens, which originate from the MOORE collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining male is similarly designated paralectotype.

**syriaca** TUTT, 1914: 14 (as geographic variation of *Agriades coridon*). Lectotype, male. Afka, Lebanon, 6000 feet, NICHOLL / ELWES Coll., 1902-85. / BMNH(E) # 264578,

Currently placed as species of *Polyommatus (Lysandra)* (BRIDGES, 1994: IX.105).

Lectotype designated by SCHURIAN (1988: 141).

**szabokyi** BÁLINT, 1989: 7, pl. 3 (as species of *Polyommatus*). 2 male, 1 female paratypes: leg. SZABÓKY, MONGOLIA ("Orog-Nuur"); BMNH(E) ## 264844, 264845, 265717.

Currently placed as subspecies of *Polyommatus kashgharensis* MOORE (BRIDGES, 1994: VIII.451; IX.99).

**tamara** BÁLINT & JOHNSON, 1995b: 20 (as species of *Pseudolucia*). 2 male, 2 female paratypes: ROTH-SCHILD Bequest, ARGENTINA (Patagonia: Lake Nahuel Huapi); BMNH(E) ## 265564–265567.

**tarbagataiensis** BÁLINT in BÁLINT, KERTÉSZ & LUKHTANOV, 1992: 875, figs 69–70 (as subspecies of *Plebeius zephyrinus*). Holotype, male. S. Altai, Kenderlik, RÜCKBEIL, ex TANCÉ / ELWES Coll., 1902-85. / BMNH(E) # 265370. 2 male, 1 female paratypes: coll. ELWES, KAZAKHSTAN ("S. Altai: Kenderlik"); BMNH(E) ## 265371–265373.

Currently placed as subspecies of *Plebeius (Plebejides) zephyrinus* (CHRISTOPH) (BRIDGES, 1994: VIII.454; IX.96).

**tatsienluica** OBERTHÜR, 1910: 298; pl. 41, fig. 300 (as geographic race of *Lycaena pheretes*). LECTOTYPE, male. Chasseurs Thibétains, de Ta-tsen-lou, Été 1894, rec. du R. P. DÉJEAN. / Ex OBERTHÜR Coll.; Brit. Mus. 1937-3. / BMNH(E) # 264968. 30 male, 21 female paralectotypes: coll. OBERTHÜR, CHINA (Yunnan: Siao Lou, Thibet: Ta-Ho, Pu-tsu-fong, Hou-Kow, Szetchwan: Kwan-chiai, Tsongku, Kunkala-Schan, Kwan-chai, Yulon-kong, Wali); BMNH(E) ## 264969–264519.

Currently placed as species of *Polyommatus (Albulina)* (BRIDGES, 1994: VIII.454; IX.102).

Described from a series of specimens from "Thibet" and "Yunnan". There are in the BMNH 31 males and 21 females from the OBERTHÜR collection, which certainly originate from this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

I could not find any diagnostic character to distinguish the taxa *tatsienluica* and *major* EVANS comparing their primary types; therefore I considered them as synonyms. Consequently *Lycaena pheretes tatsienluica* OBERTHÜR, 1910 = *Lycaena pheretes major* EVANS, 1915, **syn. nov.**

**tavoyana** EVANS, 1925: 344 (as subspecies of *Chilades laius*). LECTOTYPE, male. Kanbauk, Tavoy, 26.11.'20. / W. H. EVANS, Brit. Mus., 1923-190. / BMNH(E) # 264384. 1 male, 2 female paralectotypes: coll. EVANS, BURMA (Tavoy); BMNH(E) ## 264385–264387.

Currently placed as subspecies of *Chilades lajus* (STOLL) (BRIDGES, 1994: VIII.455; IX.26).

Described from a series of an unspecified number of specimens from "Tavoy". There are in the BMNH two males and two females originating from the EVANS collection, which can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**themis** GRUM-GRSHIMAILO, 1891: 451 (as species of *Lycaena*). LECTOTYPE, male. Amdo / 29.VI.'90. / Orig. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 265223. 1 male, 1 female paralectotypes: coll. GRUM-GRSHIMAILO, CHINA (Amdo); BMNH(E) ## 265224-265225.

Currently placed as subjective synonym of *Plebejus lucifera* (STAUDINGER) (BRIDGES, 1994: VIII.460; IX.92).

Described from an unspecified number of specimens from "Sinin" mountains, "Amdo" region. There are in the BMNH two males and one female, which originate from the GRUM-GRSHIMAILO collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly.

FORSTER (1940: 78) considered the taxon as "local race" (= subspecies) of *Plebejus lucifera*.

**theresia** SCHURIAN, VAN OORSCHOT & VAN DEN BRINK, 1992: 227; figs 1-4 (as species of *Polyommatus [Agrodiaetus]*). 3 male paratypes: leg. OORSCHOT et al., TURKEY (Provs Adana, Konya); BMNH(E) ## 264524-264526.

Currently placed as species in the *dama*-species group of *Polyommatus (Agrodiaetus)* (ECKWEILER & HÄUSER, 1997: 160).

**thersites** CANTENER, 1834: 55, pl. 11, figs 1-2 (as geographic variation of *Argus alexis*). LECTOTYPE, male. Ex Musaeo, Dris BOISDUVAL / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 264439.

Currently placed as species of *Polyommatus (Plebicula)* (BRIDGES, 1994: VIII.462; IX.107).

Figured by CANTENER on the basis of specimens originating from the BOISDUVAL collection. There is in the BMNH a single male which originates from the BOISDUVAL collection and bears the typical handwritten BOISDUVAL label "*Thersites* BOISD.". This specimen is hereby designated LECTOTYPE and has been labelled accordingly.

The female BOISDUVAL's type mentioned by CHAPMAN (1913: 666) was not located.

**tibetana** D'ABRERA, 1993: 497 (as species of *Albulina*). Holotype, male. Tibet, Sakitung, 12000 ft, 22.VI.1922., E. F. NORTON. / Everest Exp., Brit. Mus., 1923-81. / BMNH(E) # 265022. 1 female paratype: Everest Exp., leg. NORTON, CHINA (Tibet: Kama Valley); BMNH(E) # 265728.

**timida** GRUM-GRSHIMAILO, 1885: 217 (as species of *Lycaena*). LECTOTYPE, male. Schachimardan, Ferghana / 2.VI.'84. / Coll. GR.-GR. / ELWES Coll., 1902-85. / BMNH(E) # 265104. 1 male, 2 female paralectotypes: coll. GRUM-GRSHIMAILO, TAJIKISTAN (Ferghana, Sarykol); BMNH(E) ## 265105-265107.

Currently placed as species of *Plebejus (Eumedonia)* (BRIDGES, 1994: VIII.464; IX.93).

Described from a series of specimens from "Woadilj", where the rivers "Schachimardan" and "Kurban-Kul" meet. There are in the BMNH two males and two females, which originate from the GRUM-GRSHIMAILO collection and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**tintarrona** BÁLINT & JOHNSON, 1995a: 12, pl. 1, fig. [15] (as species of *Madeleinea*). Holotype, male. Oroya, Peru, little rain (SIMONS) / ROTHSCHILD Bequest, B.M. 1939-1. / BMNH(E) 265555.

**titania** HEMMING, 1931a: 535 (as subspecies of *Plebeius eversmanni*). 2 male paratypes: coll. OBERTHÜR, UZBEKISTAN (Samarkand); BMNH(E) ## 265228, 265229.

Currently listed as subspecies of *Plebejus eversmanni* (STAUDINGER) (BRIDGES, 1994: VIII.465; IX.92).

**togakusiensis** MURAYAMA, 1964: 36, pl. 4, figs 6–9 (as subspecies of *Lycaeides subsolanus*). 1 male, 1 female paratype: leg. MURAYAMA, JAPAN (Togakusi); BMNH(E) ## 265768, 265769.

Currently placed as subspecies of *Plebejus cleobis* (BREMER) (BRIDGES, 1994: VIII.466; IX.95).

Concerning the status of *cleobis* see above the entry for *ida*.

**uhryki** REBEL, 1911: 191 (as geographic variation of *Lycaena sephyrus*). 1 male, 1 female syntype: coll. ROTHSCHILD, YUGOSLAVIA (Deliblát: Flamunda); BMNH(E) ## 2655363, 2655364.

Currently listed as subjective synonym of *Plebejus pylaon sephyrus* (FRIVALDSZKY VON FRIVALD) (BRIDGES, 1994: VIII.475; IX.96).

**ungemachi** ROTHSCHILD, 1925: 333 (as subspecies of *Lycaena allardi*). Lectotype, male. Aghbalu Larbi, Middle Atlas, 2100 m, 5.VI.'25., (HARTERT & YOUNG) / ROTHSCHILD Bequest, B.M. 1939-I. / BMNH(E) # 265314. 23 male, 14 female paralectotypes: ROTHSCHILD Bequest, MOROCCO (Aghbalu Larbi; Tarseft Pass); BMNH(E) ## 265315–265329, 265766–265784, 265830–265832.

Currently listed as subjective synonym of *Plebejus (Plebejides) martini* (ALLARD) (BRIDGES, 1994: VIII.477; IX.96). Lectotype designated by BÁLINT (in DE PRINS et al., 1992: 15, fig 2.).

Described from one female from "Aselda" taken by H. UNGEMACH, 13 males and five females from "Aghbalu Larbi", 11 males and 10 females from "Tarseft pass", all taken by Dr. HARTERT. I could locate in the BMNH only HARTERT specimens. In the paragraph of the lectotype designation (DE PRINS et al., 1992: 15) only the Aghbalu Larbi specimens were listed as paralectotypes (BMNH ## 265315–265329).

**uralensis** TUTT, 1909: 270 (as geographic race of *Cyaniris semiargus*). LECTOTYPE, male, designated here. Miashk, June, V.1888. coll. GR.-GR. / ELWES Coll., 1902-85 / BMNH(E) # 265804. 2 male, 1 female paralectotype: coll. GRUM-GRSHIMAILO, RUSSIA (Miashk); BMNH(E) ## 265805–265807.

Currently placed as subjective synonym of *Polyommatus (Cyaniris) semiargus* (ROTTEMBURG) (BRIDGES, 1994: VIII.479; IX.102)

Described from a series of male and female specimens taken at "Miashk" by GRUM-GRSHIMAILO in June, 1900. There are in the BMNH three males and one female, all taken at Miashk, May 1888, by GRUM-GRSHIMAILO. These specimens are certainly syntypes and the discrepancy concerning the collecting data is most probably due to TUTT, who incorrectly copied the year of collecting from the labels. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**vangelensis** SCHURIAN & HÄUSER, 1981: 106, fig. 3a/b (as subspecies of *Meleageria daphnis*). 1 paratype: leg. SCHURIAN, TURKEY (Prov. Van); BMNH(E) # 265686.

Currently placed as subspecies of *Polyommatus (Meleageria) daphnis* ([DENIS & SCHIFFERMÜLLER]) (BRIDGES, 1994: VIII.481; IX.106).

**varunana** MOORE, [1866]: 77, pl. 35, fig. 3 (as species of *Polyommatus*). LECTOTYPE, male. Bengal / MOORE Coll., 1908-208. / BMNH(E) # 264380. 1 male, 2 female paralectotypes: coll. MOORE, INDIA (Bengal); BMNH(E) ## 264381–264383.

Currently placed as subjective synonym of *Chilades lajus* (STOLL) (BRIDGES, 1994: VIII.483; IX.26).

Described from a series of specimens from "Bengal". There are in the BMNH two male and two female specimens from the MOORE collection, which originate from this series and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**vigensis** TUTT, 1909: 198 (as geographic race of *Plebeius argus*). LECTOTYPE, male, designated here. Vigo, 18–17.VII.'06, T.A.C. / N.W. Spain, T. A. CHAPMAN, 1907-80 / BMNH(E) # 265841. 1 female paralectotype: coll. CHAPMAN, SPAIN (Vigo); BMNH(E) # 265842.

Currently placed as subspecies of *Plebejus argus* (LINNAEUS) (BRIDGES, 1994: VIII.486; IX.92).

Described from a series of specimens from the "neighbourhood of Vigo". There are in the BMNH two specimens, one male and one female, which originate from this series and can be considered as syntypes with certainty. The male is hereby designated LECTOTYPE and has been labelled accordingly. The female is similarly designated paralectotype.

**virgilia** OBERTHÜR, 1910: 263 (as geographic race of *Lycaena dolus*). LECTOTYPE, male. Italie, Sulmona, J. FABRESSE, été 1908 / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 263954. 170 male and 36 female paralectotypes: coll. OBERTHÜR, ITALY (Sulmona); BMNH(E) ## 263955-264227. Currently placed as subspecies of *Polyommatus (Agrodiaetus) dolus* (ECKWEILER & HÄUSER, 1997: 161). Described from a series of 350 specimens from "Sulmona" taken by M. FABRESSE. I could locate in the BMNH collections 171 males and 36 females, which certainly originate from this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**vogelii** OBERTHÜR, 1920: 55 (as species of *Lycaena*). Lectotype, male. Maroc, Moyen-Atlas, Col du Taghzeft, 17 Aout 1930, HAROLD POWELL. / Ex OBERTHÜR Coll., Brit. Mus. 1927-3. / BMNH(E) # 265341. 7 male and 5 female paralectotypes: leg. Powell, MOROCCO (Cold du Taghzeft); BMNH(E) ## 265342-265353.

Currently placed as species of *Plebejus (Maurus)* (BRIDGES, 1994: VIII.490; IX.95). Lectotype designated by BÁLINT (in DE PRINS et al., 1992: 25, fig. 28).

Described from a series of specimens from the "Taghzeft Pass", Morocco. There are in the BMNH eight males and five females, which certainly originate from this series. The male lectotype was selected from these specimens and designated in a revisionary paper (DE PRINS et al., 1992: 25, fig. 28), in which only 3 male and 2 female paralectotypes were listed.

BRIDGES mistakenly gives the citation of *vogelii*'s original description as "1910, Étud. Léop. comp. 4: 205".

**walli** EVANS, 1912: 558 (as subspecies of *Lycaena orbitulus*). LECTOTYPE, male. Chitral, Kashmir, Major F. WALL, 10.7.'10. / B.M. 1911-438 / BMNH(E) # 265125. 3 male, 3 female paralectotypes: leg. F. WALL, INDIA (Kashmir); BMNH(E) ## 265126-265131.

Currently placed as subspecies of *Polyommatus (Agriades) pheretiades* (EVERSMANN) (BRIDGES, 1994: VIII.492; IX.98).

Described from a series of specimens from Chitral taken by Major F. WALL. There are in the BMNH four male and three female such specimens, which can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**wazira** EVANS, 1932: 232 (as subspecies of *Polyommatus eros*). LECTOTYPE, male. Waziristan, Razmak, 7000, 8.'26. / W. H. EVANS, B.M. 1932-274. / BMNH(E) # 264796. 12 male, 15 female paralectotypes: coll. EVANS, PAKISTAN (Razmak); BMNH(E) ## 264797-264824.

Currently placed as subspecies of *Polyommatus eros* (OCHSENHEIMER) (BRIDGES, 1994: VIII. 493; IX.98). Described from a series of specimens from "Razmak, Waziristan". There are in the BMNH 13 males and 15 females, which certainly originate from this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

Comparing primary type material of *bilucha* and that of *wazira* I could not find any diagnostic characters to distinguish the two taxa. Thus I consider *wazira* as junior subjective synonym of *bilucha*. Consequently *Polyommatus bilucha* MOORE, 1884 = *Polyommatus eros wazira* EVANS, 1932, **syn. nov.**

**whitakeri** BÁLINT & JOHNSON, 1995: 22, pl. 5/3 (as species of *Pseudolucia*). Holotype, male. Tecka, N.W. Patagonia, 3000 ft, 01-02.1920, / JOICEY Bequest, Brit-Mus., 1934-120. / BMNH(E) # 265568. 1 female paratype: ROTHSCHILD Bequest, ARGENTINA ("Nahuel Huapi") / BMNH(E) # 265569.

**yarkundensis** MOORE, 1878: 229 (as species of *Polyommatus*). LECTOTYPE, female, designated here. Yarkend / MOORE Coll., 1908-208. / BMNH(E) # 264843.

Currently placed as subspecies of *Polyommatus icarus* (ROTTEMBERG) (BRIDGES, 1994: VIII.1878; IX.99). Described from a series of specimens (most probably only females) from "Yarkend", Chinese Turkestan. There is in the BMNH a single female specimen from the MOORE collection, which can be considered as syntype with certainty. The specimen is hereby designated LECTOTYPE and has been labelled accordingly.

**youngusbandi** ELWES, 1906: 484, pl. 34, fig. 10 (as species of *Lycaena*). LECTOTYPE, male. Gyantse, 13000 ft, June 1904, Tibet Exped., H. J. WALTON, 1905-172. / BMNH(E) # 264856. 75 paralectotypes: Tibet Exped., leg. WALTON, CHINA (Tibet: Gyantse); BMNH(E) ## 264857-264925, 264927. Currently placed as species of *Patricius* (BRIDGES, 1994: VIII.497; IX.87).

Described from an unspecified number of specimens from "Gyantze" and "Phari". There are in the BMNH a series of 76 specimens, which certainly originates from the material seen by ELWES. One of the males, figured by D'ABRERA (1993: 498 as "*Albulina youngusbandi* male V"), is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes (one male figured by D'ABRERA, l. c.).

**yunnanensis** WATKINS, 1927: 330 (as species of *Chilades*). Holotype, male. S.W. China; Yunnan, Yung Chang, 5500, 24.V.1922, Prof. J. W. GREGORY, % [E 39.] / Brit. Mus., 1923-124. / BMNH(E) # 264394. Currently placed as species of *Chilades* (BRIDGES, 1994: VIII.498; IX.26).

Described from a single male specimen taken in "Yunnan".

**zeituna** FORSTER, 1960b: 129, pls 10, 11, fig. 23 (as subspecies of *Agrodiaetus phyllis*) 2 male, 1 female paratypes: colls OBERTHÜR, ROTHSCHILD, TURKEY (Taurus); BMNH(E) ## 26570-265672.

Currently placed as subspecies of *Polyommatus (Agrodiaetus) phyllis* (CHRISTOPH) (ECKWEILER & HÄUSER, 1997: 162).

**zelmira** FELDER & FELDER, [1865]: 282 (as species of *Lycaena*). LECTOTYPE, male. Californ., LORQUIN / FELDER Coll. / BMNH(E) 265308. 2 male, 2 female paralectotypes: coll. FELDER, U.S.A. (California); BMNH(E) ## 265309-265312.

Currently placed as subjective synonym of *Plebejus (Icaricia) shasta* (EDWARDS) (BRIDGES, 1994: VIII.499; IX.94).

Described from a series of specimens from "California and Utah". There are in the BMNH three males and two females, which certainly originate from this series. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

**zephyrinus** CHRISTOPH, 1884: 102, pl. 6, figs 3a, b (as species of *Lycaena*). LECTOTYPE, male. Ex Coll. CHRISTOPH, Askhabad, 11.5.'82. / ELWES Coll., 1902-85. / BMNH(E) # 265367. 1 male, 1 female paralectotypes: coll. CHRISTOPH, IRAN ("Nochur", "Schahkuh"); BMNH(E) ## 265368, 265369.

Currently placed as species of *Plebejus (Plebejides)* (BRIDGES, 1994: VIII.500; IX.96).

Unintended description of a name presumed to be published by STAUDINGER from a series of specimens from "Askhabad" and "Nuchur" taken in May. There are in the BMNH two males and one female, which originate from this series and can be considered as syntypes with certainty. One of the males is hereby designated LECTOTYPE and has been labelled accordingly. The remaining specimens are similarly designated paralectotypes.

The former lectotype designation for the taxon is invalid (BÁLINT, 1991: 55, figs 65-66), because syntype specimen of *Lycaena zephyrinus* STAUDINGER from the STAUDINGER-collection (ZMNHU) was mistakenly selected.

*zephyrinus* STAUDINGER, 1886: 204 (as geographic variation of *Lycaena zephyrus*). 2 male, 1 female syntypes: coll. GODMAN-SALVIN, ex STAUDINGER, UZBEKISTAN (Samarkand); BMNH(E) ## 265374–265376.

Not listed in BRIDGES (1994).

Secondary homonym of *Lycaena zephyrinus* CHRISTOPH, renamed as *Plebeius usbeka* FORSTER (1939: 5). Currently placed as subjective synonym of *Plebejus (Plebejides) zephyrinus* (CRISTOPH), but it is not mentioned that *usbekus* is a replacement name (BRIDGES, 1994: VIII.479; IX.96).

The taxon *usbekus* currently placed as species of *Plebeius* by LUKHTANOV & LUKHTANOV (1994: 264).

*zhicharevi* SOVINSKY, 1915: 384 (as subspecies of *Lycaena damon*). 1 male syntype: Caucasus s. 1911, Kislovodsk, 8.VII., J. ZHICHAREV leg., coll. L. SHELJUZKO. / ex coll. H. STAUDER / ROTHSCHILD, Bequest, B.M. 1939-1. / BMNH(E) # 264271.

Currently placed as subspecies of *Polyommatus (Agrodiaetus) damon* ([DENIS & SCHIFFERMÜLLER]) (ECKWEILER & HÄUSER, 1997: 162).

## Summary of primary type information

Primary type specimens (H = holotype, N = neotype, L = lectotype; S = syntype) have been investigated in the present work for a number of nominal taxa. These are listed alphabetically by author below. Those names for which lectotypes have been designated are marked with an asterisk.

ALLARD names – *martini* (*Lycaena*): N.

BÁLINT names – *annamaria* (*Polyommatus*): H; *csomai* (*Polyommatus*): H; *forresti* (*Polyommatus*): H; *fraterluci* (*Polyommatus*): H; *gaborronkay* (*Albulina*): H; *luzhin* (*Ityos*): H; *kurtjohnsoni* (*Agriades*): H; *lolita* (*Madeleinea*): H; *mashenka* (*Madeleinea*): H; *patriarcha* (*Plebejus*): H; *pierinoi* (*Polyommatus*): H; *pnin* (*Itylos*): H; *sirin* (*Pseudolucia*): H; *tarbagataiensis* (*Plebeius*): H.

BÁLINT & JOHNSON names – *cinnatus* (*Polytheclus*): H; *tintarrona* (*Madeleinea*): H; *whitakeri* (*Pseudolucia*): H.

BALLETTO names – *argentina* (*Cherchiella*): L\*; *cyanea* (*Nabokovia*): H; *fumosus* (*Ityloides*): H.

BARTLETT-CALVERT name – *andina* (*Scolitantides*): S.

BATH name – *sikkima* (*Lycaena*): L\*.

BELLIER name – *corsica* (*Lycaena*): L\*.

BETHUNE-BAKER names – *peilei* (*Polyommatus*): L\*; *pulchriatrata* (*Lycaena*): L\*.

BOISDUVAL names – *anteros* (*Lycaena*): L\*; *calliopis* (*Argus*): L\*; *donzelii* (*Argus*): L\*; *nyagora* (*Lycaena*): L\*; *epidolus* (*Lycaena*): L\*; *pyrenaica* (*Lycaena*): L\*; *rippertii* (*Argus*): L\*.

BROWN name – *parnassica* (*Plebicula*): H.

BUTLER names – *bracteata* (*Lycaena*): L\*; *contracta* (*Lampides*): L; *ella* (*Catochrysops*): L\*; *excellens* (*Scolitantides*): L\*; *fugitiva* (*Lycaena*): L\*; *iburiensis* (*Lycaena*): L\*; *micrargus* (*Lycaena*): H; *naidiana* (*Catochrysops*): H; *plumbea* (*Scolitantides*): L; *pseudaegon* (*Lycaena*): L\*.

BUTLER & DRUCE name – *zachaeina* (*Lampides*): L\*.

CANTENER name – *thersites* (*Argus*): L\*.

CHAPMAN names – *bejarensis* (*Lycaena*): L\*; *casaicus* (*Plebejus*): L\*; *centro* (*Agriades*): L\*; *gravesi* (*Agriades*): L\*; *gortynia* (*Agriades*): L\*; *gortynia* (*Agriades*): L\*; *gortynia* (*Agriades*): L\*.

- 66 A list of the type specimens of *Polyommatus* sensu ELIOT in the Natural History Museum
- CHRISTOPH names – *alcedo* (*Lycaena*): L\*; *alticola* (*Lycaena*): L\*; *myrmecias* (*Lycaena*): L\*; *sieversii* (*Lycaena*): L\*; *zephyrinus* (*Lycaena*): L\*.
- DOGNIN names – *faga* (*Thecla*): H; *martha* (*Lycaena*): L; *ramon* (*Lycaena*): L.
- DRUCE name – *koa* (*Lycaena*): L.
- D'ABRERA name – *tibetana* (*Albulinea*): H.
- ELWES names – *altaica* (*Lycaena*): L\*; *annulata* (*Lycaena*): L\*; *asiatica* (*Lycaena*): L\*; *atlantica* (*Lycaena*): L\*; *deserticola* (*Lycaena*): L\*; *nicholli* (*Lycaena*): L\*; *younghusbandi* (*Lycaena*): L\*.
- EVANS names – *ashretha* (*Lycaena*): L\*; *astorica* (*Lycaena*): L\*; *bagra* (*Polyommatus*): L\*; *chitralica* (*Lycaena*): L\*; *droshana* (*Polyommatus*): L\*; *felicia* (*Polyommatus*): L\*; *gracilis* (*Lycaena*): L\*; *hanna* (*Lycaena*): L\*; *indica* (*Lycaena*): L\*; *janetae* (*Polyommatus*): L\*; *kwaja* (*Polyommatus*): L\*; *lanka* (*Euchrysops*): L\*; *laura* (*Polyommatus*): L\*; *luana* (*Lycaena*): L\*; *major* (*Lycaena*): L\*; *minuta* (*Euchrysops*): L\*; *morsheadi* (*Lycaena*): L\*; *nila* (*Euchrysops*): L\*; *rupala* (*Polyommatus*): L\*; *sanoga* (*Lycaena*): L\*; *shingara* (*Polyommatus*): L\*; *tavoyana* (*Chilades*): L\*; *walli* (*Lycaena*): L\*; *wazira* (*Polyommatus*): L\*.
- FAWCETT names – *ariana* (*Lycaena*): L\*; *pharis* (*Lycaena*): L\*.
- FELDER & FELDER names – *arruana* (*Lycaena*): L\*; *athena* (*Lycaena*): L\*; *metallica* (*Lycaena*): L\*; *stoliczkana* (*Lycaena*): L\*; *zelmira* (*Lycaena*): L\*.
- FORSTER names – *buchara* (*Lycaena*): S; *evansi* (*Agrodiaetus*): H; *sinica* (*Lycaena*): S.
- FREY name – *argulus* (*Lycaena*): L\*.
- FREYER names – *bellis* (*Lycaena*): L\*; *dardanus* (*Papilio*): L\*; *eurypilus* (*Lycaena*): L\*; *menalcas* (*Lycaena*): L\*; *ripartii* (*Lycaena*): L\*.
- FRIVALDSZKY name – *sephirus* (*Lycaena*): S.
- FRUHSTORFER names – *boopis* (*Lycaena*): L\*; *calyptra* (*Chilades*): L\*; *castilla* (*Lycaena*): H; *gades* (*Luthrodes*): L\*; *kaiphas* (*Luthrodes*): L\*; *libisonis* (*Polyommatus*): L\*; *salassorum* (*Lycaena*): L\*.
- GRAVES names – *dorsumstellae* (*Polyommatus*): L\*; *philbyi* (*Plebeius*): L\*.
- GROSE-SMITH names – *clitophon* (*Talica*): L\*; *kedonga* (*Everes*): L\*.
- GRUM-GRSHIMAILO names – *aegina* (*Lycaena*): L\*; *amata* (*Lycaena*): L\*; *bactriana* (*Lycaena*): H; *bellona* (*Lycaena*): L\*; *caerulescens* (*Lycaena*): L\*; *calmuca* (*Lycaena*): L\*; *chrysopsis* (*Lycaena*): L\*; *dagmara* (*Lycaena*): L\*; *dis* (*Lycaena*): H; *dschagatai* (*Lycaena*): L\*; *erigone* (*Lycaena*): L\*; *ganssuensis* (*Lycaena*): L\*; *helena* (*Lycaena*): H; *hunza* (*Lycaena*): L\*; *icadius* (*Lycaena*): L\*; *ida* (*Lycaena*): L\*; *kagistana* (*Lycaena*): L\*; *lama* (*Lycaena*): L\*; *magnifica* (*Lycaena*): L\*; *minuta* (*Lycaena*): L\*; *napaea* (*Lycaena*): H; *oberthueri* (*Lycaena*): L\*; *orbona* (*Lycaena*): L\*; *rogneda* (*Lycaena*): L\*; *roxane* (*Lycaena*): L\*; *sarmatis* (*Lycaena*): L\*; *sifanica* (*Lycaena*): L\*; *sinina* (*Lycaena*): L\*; *themis* (*Lycaena*): L\*; *timida* (*Lycaena*): L\*.
- HEMMING names – *anthea* (*Polyommatus*): H; *antilibanotica* (*Polyommatus*): H; *brenda* (*Polyommatus*): H; *brunhilda* (*Polyommatus*): H; *cleopatra* (*Plebeius*): H; *euaemon* (*Polyommatus*): H; *juno* (*Polyommatus*): H; *lockharti* (*Polyommatus*): H; *mylitta* (*Aricia*): H.
- HEWITSON name – *lyrnessa* (*Lycaena*): L.
- HORSFIELD name – *pandava* (*Lycaena*): L\*.
- HOWARTH & POVOLNY name – *afghana* (*Polyommatus*): H.
- LANG names – *amor* (*Lycaena*): L\*; *eversmanni* (*Lycaena*): L\*; *iris* (*Lycaena*): L\*.
- LARSEN name – *bassoni* (*Aricia*): H.
- LEDERER name – *kindermanni* (*Lycaena*): S.



LEECH name – *insularis* (*Lycaena*): L\*.

MOORE names – *ariana* (*Polyommatus*): L\*; *bilucha* (*Lycaena*): L\*; *devanica* (*Polyommatus*): L\*; *jaloka* (*Polyommatus*): L\*; *lehanus* (*Polyommatus*): L\*; *nazira* (*Polyommatus*): L\*; *nycula* (*Polyommatus*): L\*; *omphisa* (*Polyommatus*): L\*; *samudra* (*Polyommatus*): L\*; *sutleja* (*Lycaena*): L\*; *varuana* (*Polyommatus*): L\*; *yarkundensis* (*Polyommatus*): L.

NABOKOV name – *erembis* (*Cyclargus*): H.

OBERTHÜR names – *akbesiana* (*Lycaena*): L\*; *allardi* (*Lycaena*): L; *amphirrhoe* (*Lycaena*): L\*; *armoricana* (*Lycaena*): L\*; *asturiensis* (*Lycaena*): L\*; *bellieri* (*Lycaena*): L\*; *fabressei* (*Lycaena*): L\*; *felicis* (*Lycaena*): L\*; *gallica* (*Lycaena*): L\*; *helenae* (*Lycaena*): L\*; *japonica* (*Lycaena*): L\*; *lamasem* (*Lycaena*): L\*; *ligurica* (*Lycaena*): L\*; *nevadensis* (*Lycaena*): L\*; *nevadensis* (*Lycaena*): L\*; *plouharnelensis* (*Lycaena*): L\*; *roseonitens* (*Lycaena*): L\*; *tatsienluica* (*Lycaena*): L\*; *virgilia* (*Lycaena*): L\*; *vogelii* (*Lycaena*): L.

PFEIFFER names – *ellisoni* (*Lycaena*): S; *germanicae* (*Lycaena*): S.

RILEY names – *damalis* (*Lycaena*): L\*; *dux* (*Polyommatus*): H; *errans* (*Lycaena*): H; *everesti* (*Polyommatus*): L\*; *janigena* (*Lycaena*): L\*; *karinda* (*Lycaena*): L\*.

ROTHSCHILD name – *ungemachi* (*Lycaena*): L.

SAKAI names – *forsteri* (*Agriades*): H; *kohibabaensis* (*Polyommatus*): H.

SCHAUS name – *griqua* (*Lycaena*): S.

SHARPE name – *nigeriae* (*Euchrysops*): L\*.

SOVINSKY name – *zicharevi* (*Lycaena*): S.

STAUDINGER names – *amor* (*Lycaena*): S; *amurensis* (*Lycaena*): S; *aquilina* (*Lycaena*): S; *caerulea* (*Lycaena*): S; *eversmanni* (*Lycaena*): L\*; *fergana* (*Lycaena*): S; *gigas* (*Lycaena*): S; *haberhaueri* (*Lycaena*): S; *iris* (*Lycaena*): L\*; *mesopotamica* (*Lycaena*): S; *miris* (*Lycaena*): S; *parnassia* (*Lycaena*): S; *pheres* (*Lycaena*): S; *pheretulus* (*Lycaena*): S; *rutilans* (*Lycaena*): S; *zephyrinus* (*Lycaena*): S.

SWINHOE names – *chitralensis* (*Polyommatus*): L\*; *drasula* (*Polyommatus*): L\*; *drunela* (*Polyommatus*): L\*; *jermyni* (*Plebeius*): L\*; *nicola* (*Catochrysops*): L\*; *sartoides* (*Polyommatus*): L\*.

TENNENT names – *insperatus* (*Maurus*): H; *regularis* (*Plebeius*): H;

TUTT names – *altaiana* (*Cyaniris*): L\*; *amurensis* (*Cyaniris*): L\*; *balcanica* (*Cyaniris*): L\*; *branuelasensis* (*Plebeius*): L\*; *coreana* (*Plebeius*): L\*; *fergana* (*Cyaniris*): L\*; *hypochionagraeca* (*Plebeius*): L\*; *mesopotamica* (*Cyaniris*): L\*; *ongodai* (*Plebeius*): L\*; *persica* (*Cyaniris*): L\*; *syriaca* (*Agriades*): L; *uralensis* (*Cyaniris*): L\*; *vigensis* (*Plebeius*): L\*.

TYTLER names – *astorica* (*Lycaena*): L\*; *astorica* (*Lycaena*): L\*; *baroghila* (*Lycaena*): L\*; *chitralensis* (*Lycaena*): L\*; *depreei* (*Lycaena*): L\*; *florenciae* (*Lycaena*): L\*; *gilgitica* (*Lycaena*): L\*; *gooraisica* (*Polyommatus*): L\*; *lesliei* (*Lycaena*): L\*; *rupala* (*Polyommatus*): L\*.

VERITY names – *altaegidon* (*Lycaeides*): L\*; *bruttia* (*Agriades*): S; *claraobscura* (*Lycaeides*): L\*; *orientaloides* (*Lycaeides*): L\*; *praeterinsularis* (*Plebeius*): L\*.

WATKINS name – *yunnanensis* (*Chilades*): H.

WESTWOOD name – *acmon* (*Lycaena*): H.

ZELLER names – *aestiva* (*Lycaena*): L\*; *aethnaea* (*Lycaena*): H\*; *appeninus* (*Polyommatus*): L; *loewi* (*Lycaena*): L\*; *polonus* (*Polyommatus*): L\*.

ZERNY name – *alcestis* (*Lycaena*): L\*.

ZÜLLICH name – *balcanica* (*Lycaena*): S.

## Summary of nomenclatorial changes

### New Names

Problem of homonymy has necessitated the introduction of the following replacement name:

*Polyommatus devanica tshikolovetsi* BÁLINT, **nom. nov.** for *Polyommatus devanica evansi* TSHIKOLOVETS, 1997.

### Newly established synonymys

*Cathocrysops naidina* BUTLER, [1886] = *Everes kedonga* GROSE-SMITH, 1898, **syn. nov.**  
*Catocrysops naidina* BUTLER, [1886] = *Euchrysops nigeriae* SHARPE, 1902, **syn. nov.**  
*Catocrysops naidina* BUTLER, [1886] = *Euchrysops eleusius* DEMAISON, 1888, **syn. nov.**  
*Lycaena aegina* GRUM-GRSHIMAILO, 1891 = *Lycaena argus naruenta* COURVOISIER, 1913, **syn. nov.**  
*Lycaena argus sifanica* GRUM-GRSHIMAILO, 1891 = *Lycaena ida* GRUM-GRSHIMAILO, **syn. nov.**  
*Lycaena bellona* GRUM-GRSHIMAILO, 1890 = *Plebejus sarta kohibabaensis* SAKAI, 1981, **syn. nov.**  
*Lycaena bilucha* MOORE, 1884 = *Polyommatus eros shingara* EVANS, 1832, **syn. nov.**  
*Lycaena christophi* STAUDINGER, 1874 = *Lycaena bracteata* BUTLER, 1880, **syn. nov.**  
*Lycaena christophi* STAUDINGER, 1874 = *Lycaena roxane bactriana* GRUM-GRSHIMAILO, 1890, **syn. nov.**  
*Lycaena chrysopsis* GRUM-GRSHIMAILO, 1888 = *Lycaena metallica gilgitica* TYTLER, 1926, **syn. nov.**  
*Lycaena dis* GRUM-GRSHIMAILO, 1891 = *Lycaena luana* EVANS, 1915, **syn. nov.**  
*Lycaena eversmanni* LANG, 1884 = *Plebejus ardis* BÁLINT & JOHNSON, 1997, **syn. nov.**  
*Lycaena iris* LANG, 1884 = *Polyommatus neiris* TSHIKOLOVETS, 1997, **syn. nov.**  
*Lycaena menalcas* FREYER, 1839 = *Lycaena epidolus* BOISDUVAL, 1840, **syn. nov.**  
*Lycaena pheretes tatsienluica* OBERTHÜR, 1910 = *Lycaena pheretes major* EVANS, 1915, **syn. nov.**  
*Polyommatus ariana* MOORE, 1865 = *Polyommatus eros droshana* EVANS, 1925, **syn. nov.**  
*Polyommatus ariana* MOORE, 1865 = *Polyommatus drasula* SWINHAE, 1910, **syn. nov.**  
*Polyommatus bilucha* MOORE, 1884 = *Lycaena florenciae* TYTLER, 1926, **syn. nov.**  
*Polyommatus bilucha* MOORE, 1884 = *Polyommatus eros wazira* EVANS, 1932, **syn. nov.**  
*Polyommatus devanicus* MOORE, [1875] = *Polyommatus sarta gooraisica* TYTLER, 1926, **syn. nov.**  
*Polyommatus forresti* BÁLINT, 1992 = *Polyommatus akmeicius* HUANG, 1998, **syn. nov.**

### New and revised combinations

The study of type specimens result in the following new combinations or revised status:

*Aricia allous sarmatis* (GRUM-GRSHIMAILO, 1891), **comb. nov.**  
*Chilades naidina* (BUTLER, [1886]), **comb. nov.**  
*Plebejus idas sareptensis* CHAPMAN, 1917, **comb. nov.**  
*Plebejus* (*Lycaeides*) *subsolanus sifanicus* (GRUM-GRSHIMAILO, 1891), **comb. nov.**  
*Polyommatus annamaria* (BÁLINT, 1991), **stat. rev.**

### Nomina nuda

*Lycaena nevadensis* OBERTHÜR, 1896, **nom. nud.**  
*Polyommatus akmeicius* D'ABRERA, 1992, **nom. nud.**

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## Index

Abbreviations – (H) = holotype; (N) = Neotype, previously selected; (L) = Lectotype, designated here; (L\*) = Lectotype, previously designated; (S) = syntype; (pt) = paratype (holotype deposited elsewhere); (plt) = paralectotype (lectotype deposited elsewhere).

- acmon*, *Lycaena* (H) 8  
*aegina*, *Lycaena* (L) 8  
*aestiva*, *Lycaena* (L) 8  
*aetnaea*, *Lycaena* (H) 9  
*afghana*, *Polyommatus* (H) 9  
*ahmar*, *Lycaena* (pt) 9  
*akbesiana*, *Lycaena* (L) 9  
*akmeicius*, *Polyommatus* 32  
*alcedo*, *Lycaena* (L) 9  
*alcestis*, *Lycaena* (L) 9  
*allardi*, *Lycaena* (L\*) 10  
*altaegidon*, *Lycaena* (L) 10  
*altaiana*, *Cyaniris* (L) 10  
*altaica*, *Lycaena* (L) 10  
*alticola*, *Lycaena* (L) 11  
*altivagans*, *Agrodiaetus* (pt) 11  
*amata*, *Lycaena* (L) 11  
*amor* (LANG), *Lycaena* (L) 11  
*amor* (STÖGR.), *Lycaena* (S) 11  
*amphirrhoe*, *Lycaena* (L) 11  
*amurensis* (STÖGR.), *Lycaena* (S) 12  
*amurensis* (TUTT), *Lycaena* (L) 12  
*anatoliensis*, *Agrodiaetus* (pt) 12  
*andina*, *Scolitantides* (S) 12  
*ankara*, *Lysandra* (pt) 12  
*annamaria*, *Polyommatus* (H) 12  
*annulata*, *Lycaena* (L) 12  
*anteros*, *Lycaena* (L) 13  
*anthea*, *Polyommatus* (H) 13  
*antilibanotica*, *Polyommatus* (H) 13  
*apenninus*, *Polyommatus* (L\*) 13  
*aquilina*, *Lycaena* (S) 13  
*arene*, *Lycaena* (L) 14  
*argentina*, *Cherchiella* (L) 14  
*argulus*, *Lycaena* (L) 14  
*ariana*, *Polyommatus* (L) 14  
*armoricana*, *Lycaena* (L) 14  
*arruana*, *Lycaena* (L) 15  
*ashretha*, *Lycaena* (L) 15  
*asiatica*, *Lycaena* (L) 15  
*askhabadica*, *Agrodiaetus* (pt) 15  
*astorica* (EVANS), *Lycaena* (L) 15  
*astorica* (TYTLER #1), *Lycaena* (L) 15  
*astrocia* (TYTLER #2), *Lycaena* (L) 16  
*asturiensis*, *Lycaena* (L) 16  
*asur*, *Plebejus* (pt) 16  
*athena*, *Lycaena* (L) 16  
*atlantica*, *Lycaena* (L) 16  
  
*bactriana*, *Lycaena* (H) 16  
*balcanica*, *Cyaniris* (L) 17  
*balcanica*, *Lycaena* (S) 17  
*baroghila*, *Lycaena* (L) 17  
*barthae*, *Lycaena* (p) 17  
*bassoni*, *Aricia* (H) 18  
  
*bavarica*, *Lycaena* (pt) 18  
*bejarensis*, *Lycaena* (L) 18  
*bellieri*, *Lycaena* (L) 18  
*bellis*, *Lycaena* (L) 18  
*bellona*, *Lycaena* (L) 19  
*bilucha*, *Lycaena* (L) 19  
*bogra*, *Polyommatus* (L) 19  
*boopis*, *Lycaena* (L) 19  
*bracteata*, *Lycaena* (L) 20  
*brandti*, *Agrodiaetus* (pt) 20  
*brunuelasensis*, *Plebeius* (L) 20  
*brenda*, *Polyommatus* (H) 20  
*brunhilda*, *Polyommatus* (H) 20  
*bruttia*, *Agriades* (S) 20  
*buchara*, *Lycaena* (S) 21  
*bucholzi*, *Plebeius* (p) 21  
  
*caerulea*, *Lycaena* (S) 21  
*caerulescens*, *Lycaena* (L) 21  
*calliopis*, *Argus* (L) 21  
*calmuca*, *Lycaena* (L) 21  
*calyptra*, *Chilades* (L) 22  
*casaiacus*, *Plebejus* (L) 22  
*castilla*, *Lycaena* (H) 22  
*centro*, *Agriades* (L) 22  
*chitralenis*, *Lycaena* (L) 22  
*chitralensis*, *Polyommatus* (L) 23  
*chitralica*, *Lycaena* (L) 23  
*christophi*, *Lycaena* (plt) 23  
*chrysopsis*, *Lycaena* (L) 23  
*cincinnatus*, *Polytheclus* (H) 6  
*ciscaucasica*, *Agrodiaetus* (pt) 23  
*claraobscura*, *Lycaeides* (L) 23  
*cleopatra*, *Plebejus* (H) 24  
*clitophon*, *Talica* (L) 24  
*contracta*, *Lampides* (L\*) 24  
*coreana*, *Plebeius* (L) 24  
*corsica*, *Lycaena* (L) 24  
*csomai*, *Polyommatus* (H) 24  
*cyanea*, *Nabokovia* (H) 6  
  
*dagmara*, *Lycaena* (L) 24  
*damalis*, *Lycaena* (L) 25  
*dardanus*, *Papilio* (L) 25  
*deebi*, *Agrodiaetus* (pt) 25  
*delattini*, *Plebejus* (pt) 25  
*depreei*, *Lycaena* (L) 25  
*deserticola*, *Lycaena* (L) 25  
*devanica*, *Polyommatus* (L) 26  
*difficillima*, *Agrodiaetus* (pt) 26  
*dis*, *Lycaena* (H) 26  
*donzelii*, *Argus* (L) 26  
*dorsumstellae*, *Polyommatus* (L) 26  
*drasula*, *Polyommatus* (L) 26  
*droshana*, *Polyommatus* (L) 27  
  
*drunela*, *Polyommatus* (L) 27  
*dschagatai*, *Lycaena* (L) 27  
*dux*, *Polyommatus* (H) 28  
  
*elbursica*, *Agrodiaetus* (pt) 28  
*eleusius*, *Euchrysops* (L) 46  
*ella*, *Cathocrysops* (L) 28  
*ellisoni*, *Lycaena* (S) 28  
*epidolus*, *Lycaena* (L) 28  
*erembis*, *Cyclargus* (H) 6  
*erigone*, *Lycaena* (L) 28  
*errans*, *Lycaena* (H) 29  
*euaemon*, *Polyommatus* (H) 29  
*eurypilus*, *Lycaena* (L) 29  
*evansi*, *Agrodiaetus* (H) 29  
*everesti*, *Polyommatus* (L) 29  
*eversmanni* (LANG), *Lycaena* (L) 29  
*eversmanni* (STÖGR.), *Lycaena* (L) 30  
*excellens*, *Scolitantides* (L) 30  
  
*fabressei*, *Lycaena* (L) 30  
*faga*, *Thecla* (H) 7  
*felicia*, *Polyommatus* (L) 30  
*felicias*, *Lycaena* (L) 30  
*fergana*, *Cyaniris* (L) 31  
*fergana*, *Lycaena* (S) 31  
*fiordussi*, *Agrodiaetus* (pt) 31  
*florenciae*, *Lycaena* (L) 31  
*forresti*, *Polyommatus* (H) 31  
*forsteri*, *Agriades* (H) 32  
*fraterluci*, *Polyommatus* (H) 32  
*fugitiva*, *Lycaena* (L) 32  
*fumosus*, *Itylodes* (H) 32  
  
*gaborronkayi*, *Albulina* (H) 32  
*gades*, *Luthrodes* (L) 32  
*gallica*, *Lycaena* (L) 32  
*ganssuensis*, *Lycaena* (L) 32  
*germanicae*, *Lycaena* (S) 33  
*gigas*, *Lycaena* (S) 33  
*gilgitica*, *Lycaena* (L) 33  
*gooraisica*, *Polyommatus* (L) 33  
*gracilis*, *Lycaena* (L) 34  
*gravesi*, *Agriades* (L) 34  
*griqua*, *Lycaena* (S) 34  
  
*haberhaueri*, *Lycaena* (S) 34  
*hanna*, *Lycaena* (L) 34  
*hayesi*, *Meleageria* 34  
*helenae*, *Lycaena* (H) 35  
*helenae*, *Lycaena* (L) 35  
*hunza*, *Lycaena* (L) 35  
*hypochionagraeca*, *Plebeius* (L) 35  
  
*iburiensis*, *Lycaena* (L) 35

- icadius, Lycaena* (L) 36  
*ida, Lycaena* (L) 36  
*indiga, Lycaena* (L) 36  
*insperatus, Maurus* (H) 36  
*insularis, Lycaena* (L) 37  
*iranica, Lycaena* (pt) 37  
*iris* (LANG), *Lycaena* (L) 37  
*iris* (STGR.), *Lycaena* (L) 37  
*isauricoides, Polyommatus* (L) 37  
*issekutzi, Aricia* (pt) 38  
  
*jaloja, Polyommatus* (L) 38  
*janetae, Polyommatus* (L) 38  
*janigena, Lycaena* (L) 38  
*japonica, Lycaena* (L) 38  
*jermyni, Plebeius* (L) 39  
*juno, Polyommatus* (H) 39  
  
*kaiphas, Luthrodes* (L) 39  
*karinda, Lycaena* (L) 39  
*kedonga, Evers* (L) 39  
*kendevani, Agrodiaetus* (pt) 39  
*kindermanni, Lycaena* (S) 39  
*koa, Lycaena* (L\*) 39  
*kagistana, Lycaena* (L) 40  
*kohibabaensis, Polyommatus* (H) 40  
*kotzschii, Agrodiaetus* (pt) 40  
*kovacsi, Plebeius* (plt) 40  
*kurtjohnsoni, Agriades* (H) 40  
*kwaja, Polyommatus* (L) 40  
  
*lama, Lycaena* (L) 40  
*lamasem, Lycaena* (L) 41  
*lanka, Euchrysops* (L) 41  
*laura, Polyommatus* (L) 41  
*lea, Madeleinea* (pt) 41  
*lehanus, Polyommatus* (L) 41  
*lesliei, Lycaena* (L) 41  
*libisonis, Lycaena* (L) 42  
*ligurica, Lycaena* (L) 42  
*lockharti, Polyommatus* (H) 42  
*loewii, Lycaena* (L) 42  
*lolita, Madeleinea* (H) 42  
*luana, Lycaena* (L) 42  
*lutzi, Plebeius* (pt) 43  
*luzhin, Itylos* (H) 7  
*lyrnessa, Lycaena* (L\*) 43  
  
*magnifica, Lycaena* (L) 43  
*major, Lycaena* (L) 43  
*martha, Lycaena* (L\*) 8  
*martini, Lycaena* (N) 43  
*mashenka, Madeleinea* (H) 7  
*menalcas, Lycaena* (L) 43  
*mesopotamica, Cyaniris* (L) 44  
*mesopotamica, Lycaena* (S) 44  
*metallica, Lycaena* (L) 44  
*micrargus, Lycaena* (H) 44  
*minuta, Euchrysops* (L) 44  
*minuta, Lycaena* (L) 44  
*miris, Lycaena* (S) 45  
*morsheadi, Lycaena* (L) 45  
  
*mylitta, Aricia* (H) 45  
*myrmecias, Lycaena* (L) 45  
  
*naidina, Cathocrysops*, (H) 45  
*napaea, Lycaena* (H) 46  
*nazira, Polyommatus* (L) 46  
*nepalensis, Polyommatus* (P) 46  
*neuquenensis, Pseudolucia* (P) 46  
*nevadensis (argus), Lycaena* (L) 46  
*nevadensis (idas), Lycaena* (L) 47  
*nicholli, Lycaena* (L) 47  
*nicola, Catochrysops* (L) 47  
*nigeriae, Euchrysops* (L) 48  
*nila, Euchrysops* (L) 48  
*ninae, Agrodiaetus* (pt) 48  
*nyagora, Lycaena* (L) 8  
*nycula, Polyommatus* (L) 48  
  
*oberthueri, Lycaena* (L) 48  
*omphisa, Polyommatus* (L) 48  
*ongodai, Plebeius* (L) 49  
*orbona, Lycaena* (L) 49  
*orientalis, Agriades* (L) 49  
*orientaloides, Lycaenides* (L) 50  
  
*palandoekis, Meleageria* (P) 50  
*pandava, Lycaena* (L) 50  
*paracastis, Agrodiaetus* (pt) 50  
*parnassia, Lycaena* (S) 50  
*parnassica, Plebicula* (H) 50  
*patriarcha, Plebeius* (H) 50  
*peilei, Polyommatus* (L) 51  
*persica, Cyaniris* (L) 51  
*pharis, Lycaena* (L) 51  
*pheres, Lycaena* (S) 51  
*pheretulus, Lycaena* (S) 52  
*philbyi, Plebeius* (L) 52  
*phyllis, Lycaena* (plt) 52  
*pierinoi, Polyommatus* (H) 52  
*plouharnelensis, Lycaena* (L) 52  
*plumbea, Scolitantides* (L\*) 52  
*pnin, Itylos* (H) 7  
*polonus, Polyommatus* (L) 53  
*posthumus, Lycaena* (plt) 53  
*praeterinsularis, Plebeius* (L) 53  
*pseudactis, Agrodiaetus* (pt) 53  
*pseudaeon, Lycaena* (L) 53  
*pseudoxerxes, Agrodiaetus* (pt) 53  
*pulchristriata, Lycaena* (L) 54  
*pyrenaica, Lycaena* (L) 54  
  
*ramon, Lycaena* (L\*) 7  
*regularis, Plebeius* (H) 54  
*ripartii, Lycaena* (L) 54  
*ripartii, Argus* (L) 54  
*rogneda, Lycaena* (L) 55  
*roseonitens, Lycaena* (L) 55  
*roxane, Lycaena* (L) 55  
*raeckbeili, Agrodiaetus* (pt) 55  
*rupala* (EVANS), *Polyommatus* (L) 55  
*rupala* (TYTLER), *Polyommatus* (L) 56  
*rutilans, Lycaena* (S) 56  
  
*salassorum, Lycaena* (L) 56  
*samudra, Polyommatus* (L) 56  
*sanoga, Lycaena* (L) 56  
*sareptensis, Plebeius* (L) 57  
*sarmatis, Lycaena* (L) 57  
*sartoides, Polyommatus* (L) 57  
*semiturcmenicus, Plebeius* (pt) 58  
*seoki, Plebeius* (p) 58  
*sephirus, Lycaena* (S) 58  
*sheljuzkoi, Agrodiaetus* (pt) 58  
*shingara, Polyommatus* (L) 58  
*sieversii, Lycaena* (L) 58  
*sifanica, Lycaena* (L) 58  
*sikkima, Lycaena* (L) 59  
*sinica, Lycaena* (pt) 59  
*sinina, Lycaena* (L) 59  
*sirin, Pseudolucia* (H) 59  
*solimana, Lycaena* (pt) 59  
*stoliczkana, Lycaena* (L) 59  
*sutleja, Lycaena* (L) 60  
*syriaca, Agriades* (L\*) 60  
*szabokyi, Polyommatus* (pt) 60  
  
*tamara, Pseudolucia* (pt) 60  
*tarbagataiensis Plebeius* (H) 60  
*tatsienluica, Lycaena* (L) 60  
*tavoyana, Chilades* (L) 60  
*themis, Lycaena* (L) 61  
*theresia, Polyommatus* (pt) 61  
*thersites, Argus* (L) 61  
*tibetana, Albulina* (H) 61  
*timida, Lycaena* (L) 61  
*tintarrona, Madeleinea* (H) 61  
*titania, Plebeius* (p) 61  
*tagakusiensis, Lycaenides* (p) 62  
  
*uhryki, Lycaena* (S) 62  
*ungemachi, Lycaena* (L\*) 62  
*uralensis, Cyaniris* (L) 62  
  
*vangolensis, Meleageria* (pt) 62  
*varuana, Polyommatus* (L) 62  
*vigensis, Plebeius* (L) 62  
*virgilia, Lycaena* (L) 63  
*vogelii, Lycaena* (L\*) 63  
  
*walli, Lycaena* (L) 63  
*wazira, Polyommatus* (L) 63  
*whitakeri, Pseudolucia* (H) 63  
  
*yarkundensis, Polyommatus* (L) 64  
*youngshandi, Lycaena* (L) 64  
*yunnanensis, Chilades* (H) 64  
  
*zachaeina, Lampides* (L) 7  
*zeituna, Agrodiaetus* (pt) 64  
*zelmira, Lycaena* (L) 64  
*zephyrinus* (CHRIST.), *Lycaena* (L) 64  
*zephyrinus* (STGR.), *Lycaena* (S) 65  
*zhicharevi, Lycaena* (S) 65

### Colour plates I–IV: Selected type specimens deposited in the BMNH collection

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Colour plate I (figs 1–18):

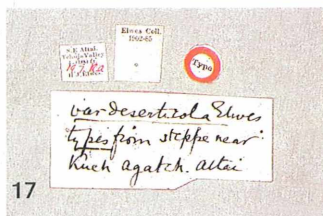
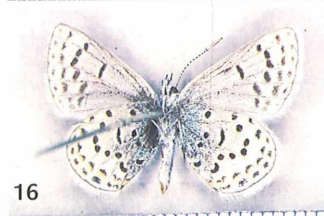
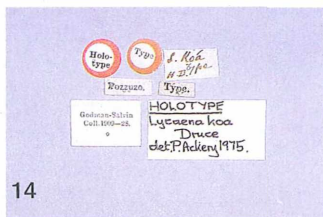
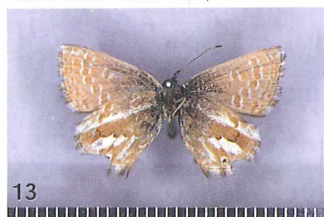
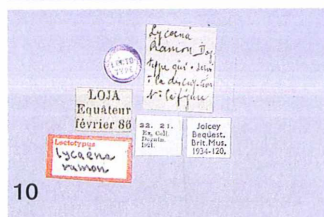
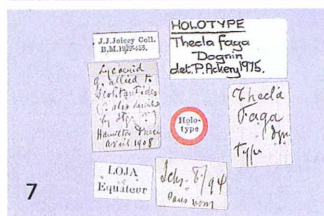
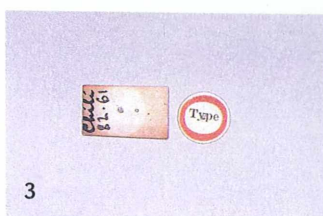
BUTLER as author — Figs 1–4. *"Scolitantides plumbea"* BUTLER, lectotype and its original labels. 1 = specimen, recto; 2 = specimen, verso; 3 = labels, recto ; 4 = labels, verso.

DOGNIN as author — Figs 5–7. *"Thecla faga"* DOGNIN, holotype and its labels. 5 = specimen, recto; 6 = specimen, verso; 7 = labels. Figs 8–11. *"Lycaena ramon"* DOGNIN, lectotype and its labels. 8 = specimen, recto; 9 = specimen, verso; 10 = labels, recto; 11 = labels, verso.

DRUCE as author — Figs 12–14. *"Lycaena koá"* DRUCE, lectotype and its labels. 12 = specimen, recto; 13 = specimen, verso; 14 = labels.

ELWES as author — Figs 15–17. *"Lycaena cyane var. deserticola"* ELWES, lectotype and its labels. 15 = specimen, recto; 16 = specimen, verso; 17 = labels. Figs 18–20. *"Lycaena cyane var. deserticola"* ELWES, paralectotype female and its labels. 18 = specimen, recto; 19 = specimen, verso; 20 = labels (figs 19, 20 see colour plate II).





Colour plate II (figs 19–36):

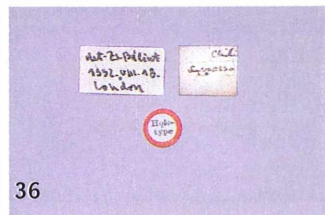
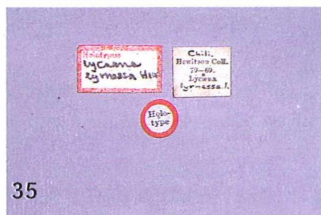
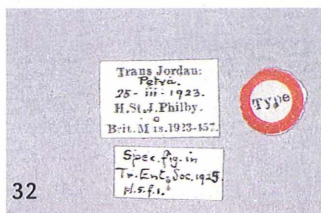
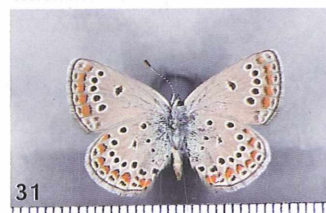
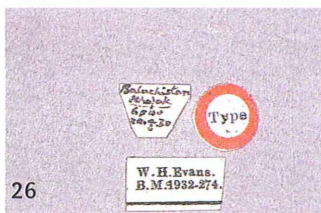
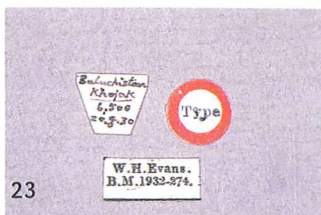
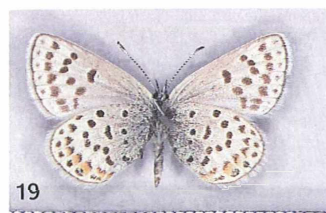
ELWES as author — Figs 15–17. "*Lycaena cyane* var. *deserticola*" ELWES, lectotype and its labels. 15 = specimen, recto; 16 = specimen, verso; 17 = labels. Figs 18–20. "*Lycaena cyane* var. *deserticola*" ELWES, paralectotype female and its labels. 18 = specimen, recto; 19 = specimen, verso; 20 = labels (figs 15–18 see colour plate I).

EVANS as author — Figs 21–23. "*Lycaena pylaon indica*" EVANS, paralectotype male and its labels. 21 = specimen, recto; 22 = specimen, verso; 23 = labels. Figs 24–26. "*Lycaena pylaon indica*" EVANS, paralectotype female and its labels. 24 = specimen, recto; 25 = specimen, verso; 26 = labels.

FELDER as author — Figs 27–29. "*Lycaena metallica*" FELDER, lectotype and its labels. 27 = specimen, recto; 28 = specimen, verso; 29 = labels.

GRAVES as author — Figs 30–32. "*Plebeius sephyrus* nova subsp. *philbyi*" GRAVES, lectotype and its labels. 30 = specimen, recto; 31 = specimen, verso; 32 = labels.

HEWITSON as author — Figs 33–36. "*Lycaena lyrnessa*" HEWITSON, lectotype and its labels. 33 = specimen, recto; 34 = specimen, verso; 35 = labels, recto; 36 = labels, verso.





## Colour plate III (figs 37–54):

MOORE as author — Figs 37–40. "*Polyommatus omphisa*" MOORE, lectotype and its labels. 37 = specimen, recto; 38 = specimen, verso; 39 = labels, recto; 40 = labels, verso.

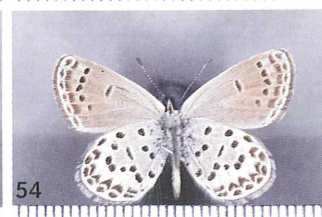
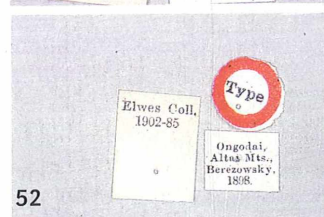
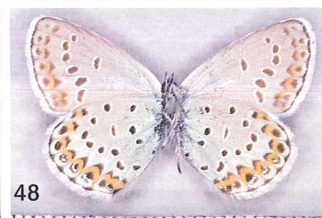
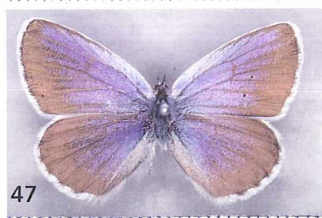
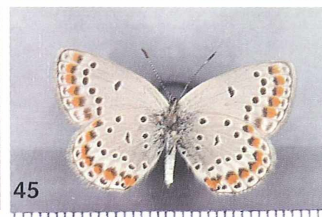
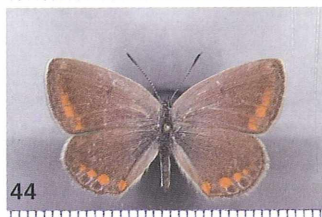
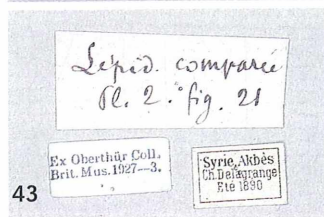
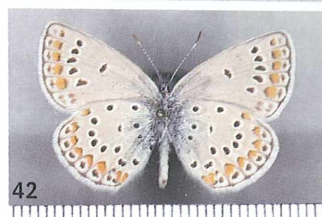
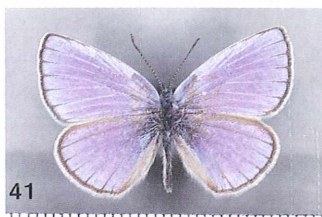
OBERTHÜR as author — Figs 41–43. "*Lycaena Zephyrus* Form. geograph. *Akbesiana*" OBERTHÜR, lectotype and its labels. 41 = specimen, recto; 42 = specimen, verso; 43 = labels. Figs. 44–46. "*Lycaena Zephyrus* Form. geograph. *Akbesiana*" OBERTHÜR, paralectotype female and its labels. 44 = specimen, recto; 45 = specimen, verso; 46 = labels.

TUTT as author — Figs 47–49. "*Plebeius argus* var. (et ab.) *ongodai*" TUTT, lectotype and its labels. 47 = specimen, recto; 48 = specimen, verso; 49 = labels. Figs 50–52. "*Plebeius argus* var. (et ab.) *ongodai*" TUTT, paralectotype female and its labels. 50 = specimen, recto; 51 = specimen, verso; 52 = labels.

TYTLER as author — Figs 53–56. "*Lycaena astorica*" TYTLER, lectotype and its labels. 53 = specimen, recto; 54 = specimen, verso; 55 = labels, recto; 56 = labels, verso. Figs 57–60. "*Lycaena astorica*" TYTLER, paralectotype female and its labels. 57 = specimen, recto; 58 = specimen, verso; 59 = labels, recto; 60 = labels, verso. Figs 61–63. "*Lycaena metallica* subsp. *chitralensis*" TYTLER, paralectotype male and its labels. 61 = specimen, recto; 62 = specimen, verso; 63 = labels. Figs 64–67. "*Polyommatus sarta* subsp. *rupala*" TYTLER, paralectotype male and its labels. 64 = specimen, recto; 65 = specimen, verso; 66 = labels, recto; 67 = labels, verso. Figs 68–71. "*Polyommatus sarta* subsp. *rupala*" TYTLER, paralectotype female and its labels. 68 = specimen, recto; 69 = specimen, verso; 70 = labels, recto; 71 = labels, verso (figs 55–71 see colour plate IV).

Colour plate III

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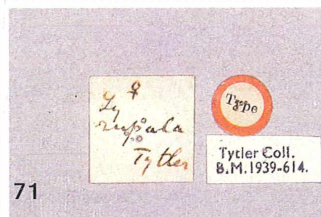
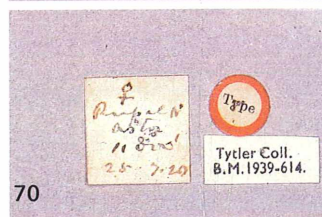
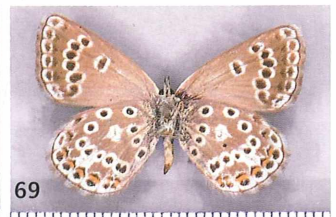
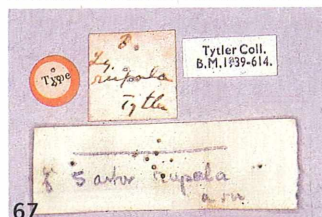
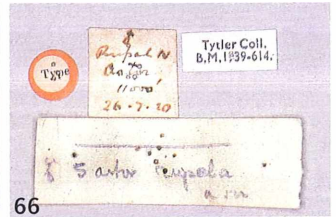
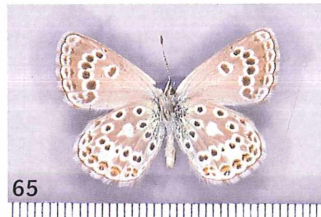
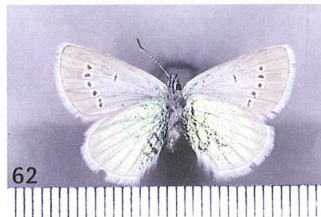
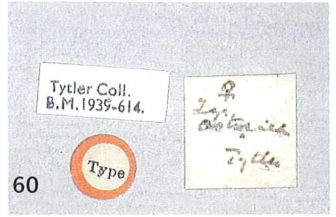
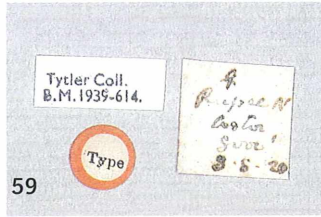
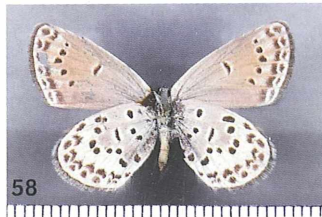
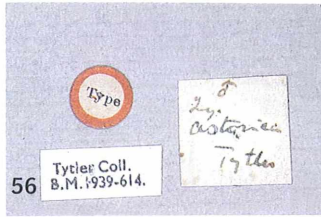
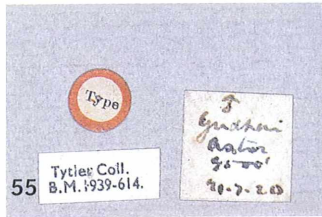
## Colour plate IV (figs 55–71):

TYTLER as author — Figs 53–56. "*Lycaena astorica*" TYTLER, lectotype and its labels. 53 = specimen, recto; 54 = specimen, verso; 55 = labels, recto; 56 = labels, verso. Figs 57–60. "*Lycaena astorica*" TYTLER, paralectotype female and its labels. 57 = specimen, recto; 58 = specimen, verso; 59 = labels, recto; 60 = labels, verso. Figs 61–63. "*Lycaena metallica* subsp. *chitralensis*" TYTLER, paralectotype male and its labels. 61 = specimen, recto; 62 = specimen, verso; 63 = labels. Figs 64–67. "*Polyommatus sarta* subsp. *rupala*" TYTLER, paralectotype male and its labels. 64 = specimen, recto; 65 = specimen, verso; 66 = labels, recto; 67 = labels, verso. Figs 68–71. "*Polyommatus sarta* subsp. *rupala*" TYTLER, paralectotype female and its labels. 68 = specimen, recto; 69 = specimen, verso; 70 = labels, recto; 71 = labels, verso (figs 53, 54 see colour plate III).



### Colour plate IV

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