

MISCELLANEOUS PAPERS

Centre for Entomological Studies Ankara

No 97

20 02 2006

ISSN 1015-8235

A new genus and species to the *Lepidoptera* Fauna of Turkey and Syria (*Papilionidae*)

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Abstract: A new genus and species to the *Lepidoptera* fauna of Turkey and Syria (*Papilionidae*). *Cent. ent. Stud. Misc. Pap. 97*: 1-6, 2 figs.

This paper deals with the record and information on the behaviour of a migrant species *Princeps demoleus* Linnaeus in South East Turkey. A list of the species and subspecies of *Papilionidae* of Turkey are also given with synonyms, provincial distributions in Turkey and foodplants of caterpillars.

Key Words: *Lepidoptera*, *Papilionidae*, *Princeps demoleus*, fauna, migration, Mardin, Nusaybin, Turkey, Syria.

The *Papilionidae* fauna of Turkey is represented by 12 species, belonging to 5 genera (Hesselbarth et al.,1995). These are: *Iphiclides podalirius* (Linnaeus,1758), *Papilio* (s.str. (*Alexanoria*)) *alexanor* Esper,[1800], *Papilio* (s.str.) *machaon* Linnaeus,1758, *Parnassius* (*Driopa*) *mnemosyne* (Linnaeus,1758), *Parnassius* (*Driopa*) *nordmanni* [Ménétries],[1850], *Parnassius* (s.str.) *apollo* (Linnaeus,1758), *Zerynthia* (*Allancastria*) *caucasica* (Lederer,1864), *Zerynthia* (*Allancastria*) *cerisyi* (Godart,1822), *Zerynthia* (*Allancastria*) *deyrollei* (Oberthür,1869), *Archon apollinaris* (Staudinger,[1892]), *Archon apollinus* (Herbst,1798).

Recently, some specimens were captured by the last author from the environs of Nusaybin (South East Turkey). They were determined easily using the external features of the specimens. It was *Princeps demoleus* (Linnaeus,1758), ranging from Australia, to South Asia, Pakistan, Afghanistan, South Iran, and South Arabian Peninsula. The nearest locality recorded in Middle East was Hillah in central plain of Iraq (Wiltshire,1957). The record of Nusaybin was possible, due to the migration of this species. Namely, the occurrence in Turkish territories is not native. The same case is also valid for the Syria. Probably, for that reason, this species has not been seen and recorded by earlier researchers, not only in Turkish, but also in Syrian territories. The record of this species as well as the genus is the first report for the *Lepidoptera* of Turkey. As the Syrian border city Kameshli occupies almost the same territories with the border city Nusaybin, the record of *P. demoleus* may be applied rightfully to the Syrian *Papilionidae* fauna. Therefore, this species should be added to Syrian fauna.

Adults of *Princeps demoleus* (Linnaeus) cannot be confused with other native species in Turkey (Figs. 1,2). It is easily distinguishable by its large wings (forewing: 39-45mm; wingspan: 64-76mm in males), black ground colour of the upperside of wings with yellowish maculations. On the underside creamy colorations more heavier than in the upperside. Besides ochreous markings appear subterminal area of the forewing, as well as in postdiscal part of the hindwing. The most striking character of this species among the other Turkish papilionid species is the absence of tail at the hindwing.

The behaviour of the butterflies observed may be summarized as follows: The flight was strong and usually 2 or 3 meter high from the ground. Flight direction was from East to West. During the flight, feeding of the butterflies could not be observed. However, the butterflies were seen in groups during sitting on Olive and *Juglans* trees. The flight period was late August and early October, 2005. The estimated number of the observed specimens were about hundred. Specimens were commoner in Nusaybin city centre than outside.

Further studies on the activities of this migrant species in the Turkish territories will be carried out by the authors in 2006.

Studies Material 5B: 1B Turkey: Mardin Province, Nusaybin city centre, 23.08.2005 I.Akdeniz leg.; 3BB same place, 03.09.2005, 1B, same place 26.09.2005 I.Akdeniz leg. (coll. Cesa). Separately, 1B observed on 22.08.2005 between Nusaybin and Bahçebaşı village, near Beyazsu.



Figures 1, 2. *Princeps demoleus* Linnaeus (left, upperside, right underside). A male from Mardin Province, Nusaybin, 23.8.2005 leg. I. Akdeniz (in coll. Cesa).

List of the Papilionidae Latreille,[1802] in Turkey

Papilioninae Latreille,[1802]

Lampropterini Moore,1890

***Iphiclides podalirius* (Linnaeus,1758)** Synonyms: *podalirius* Linnaeus,1758; *sinon* Poda,1761; *flammeus* Fourcroy,1785; *virgatus* Butler, 1865; *smyrnensis* Eimer,1889; *inalpinus* Verity,1911; *valesiaca* Verity,1911; *zanclaeides* Verity,1911; *pseudopersica* Rocci,1926. Provincial distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 48 49 50 51 52 54 56 58 59 60 62 64 65 66 67 68 69 70 71 73 76 77 78 81 Larva on *Prunus spinosa*, *P. amygdalus*, *P. avium*, *P. domestica*, *P. persica*, *P. armeniaca*, *P. mahaleb*, *P. padus*, *Pyrus communis*, *P. amygdaliformis*, *P. longipes*, *Malus domestica*, *Crataegus monogyna* C. *oxycantha*, *Sorbus acuparia* (Tolman,1997). ***Iphiclides podalirius podalirius* (Linnaeus,1758)** Synonyms: *podalirius* Linnaeus,1758; *sinon* Poda,1761; *flammeus* Fourcroy,1785; *virgatus* Butler, 1865; *smyrnensis* Eimer,1889; *inalpinus* Verity,1911; *valesiaca* Verity,1911; *zanclaeides* Verity,1911; *pseudopersica* Rocci,1926. Provincial distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 48 49 50 51 52 54 56 58 59 60 62 64 65 66 67 68 69 70 71 73 76 77 78 81

Papilionini Latreille,[1802]

***Papilio* (s.str. (*Alexanoria*)) *alexanor* Esper,[1800] Synonyms: *polidamas* De Prunner,1787 *nec* Linnaeus,1758; *alexanor* Esper,[1800]; *polychaon* Loche,1801; *destelensis* Nel & Chauliac,1983. Provincial distribution in Turkey: 01 02 03 05 06 07 08 10 16 17 25 30 31 33 35 36 42 43 44 45 46 47 48 52 58 60 62 65 69 70 71 73 74 76 Larva on *Opananax chironium*, *O. hispidus*, *Seseli montanum*, *Trinia glauca*, *Pimpinella saxifraga*, *Scaligeria cretic*, *Ferula communis*, *Pastinaca sativa* (Tolman,1997). a) ***Papilio* (s.str. (*Alexanoria*)) *alexanor eitschbergeri* Bollino & Sala,1992** Synonyms: *eitschbergeri* Bollino & Sala,1992 Provincial distribution in Turkey: 01 02 03 05 06 07 10 16 17 31 33 35 42 43 44 45 46 47 48 52 58 60 62 70 71. b) ***Papilio* (s.str. (*Alexanoria*)) *alexanor orientalis* Romanoff,1884** Synonyms: *orientalis* Romanoff,1884 Provincial distribution in Turkey: 08 25 30 36 65 69 73 75 76**

***Papilio* (s.str.) *machaon* Linnaeus,1758** Synonyms: *machaon* Linnaeus,1758; *reginae* Retzius,1783; *umbellatarum* Fabricius,1807; *aurantiaca* Speyer,1858. Provincial distribution in Turkey: 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 40 42 43 44 45 46 47 48 50 51 56 58 59 60 62 63 65 66 68 69 70 71 73 74 76 77 80 Larva on *Foeniculum vulgare*, *Peucedanum palustre*, *P.cervaria*, *P.oreoselinum*, *P.officinale*, *Trinia glauca*, *Laserpitium halleri*, *L.latifolium*, *Angelica sylvestris*, *A.archangelica*, *Aegopodium podagraria*, *Anethum graveolens*, *Pimpinella saxifraga*, *Carum carvi*. ***Papilio* (s.str.) *machaon syriacus* Pfeiffer,1931** Synonyms: *#syriacus* Verity,1905; *#cypriae* Verity,1905; *syriacus* Pfeiffer,1931; *syriacus* Eller,1936; *rustaveli* Didmanidze & Nekrutenko,1966. Provincial distribution in Turkey: 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 40 42 43 44 45 46 47 48 50 51 56 58 59 60 62 63 65 66 68 69 70 71 73 74 76 77 80

***Princeps* (s.str. (s.str.)) *demoleus* (Linnaeus,1758)** Synonyms: *demoleus* Linnaeus,1758; *erithonius* Cramer,[1782]; *epius* Fabricius,1793; *shenelus* Macleay,1826; *demoleinus* Oberthür,1879; *pictus* Fruhstorfer,1898; *#chryseis* Boulet & Le Cerf,1912; *flavosignatus* Heydemann,1954. Provincial distribution in Turkey: 47.

Parnassiinae Duponchel,[1835]**Luehdorfiini Chapman,1895**

***Zerynthia* (*Allancastria*) *caucasica* (Lederer,1864)** Synonyms: *caucasica* Lederer,1864; *tkatshukovi* Sheljuzhko,1927; *cachetica* Sheljuzhko,1927; *#caucasia* Bernardi,1970. Provincial distribution in Turkey: 14 28 52 53 61 Larva on *Aristolochia pontica*, *A. pallida* (Koçak, in litt.; Hensle,1993). a) ***Zerynthia* (*Allancastria*) *caucasica abanti* Koçak,1975** Synonyms: *abanti* Koçak,1975. Provincial distribution in Turkey: 14 larva on *Aristolochia pallida* (Hensle,1993). b) ***Zerynthia* (*Allancastria*) *caucasica caucasica* (Lederer,1864)** Synonyms: *caucasica* Lederer,1864; *tkatshukovi* Sheljuzhko,1927; *cachetica* Sheljuzhko,1927; *#caucasia* Bernardi,1970. Provincial distribution in Turkey: 28 52 53 61

***Zerynthia* (*Allancastria*) *cerisyi* (Godart,1822)** Synonyms: *cerisyi* Godart,1822; *cerisy* Godart,[1824]; *martini* Fruhstorfer,1906; *speciosa* Stichel,1907; *cypria* Stichel,1907; *#destrigata* Schultz,1908; *#caeca* Sheljuzhko,1927; *mysiniensis* Eisner & Wagener,1974; *kocaki* Kuhna,1977; *goeksui* Kuhna,1977; *koroneii* Katt.& Koutsaftikis,1978; *sami* Schmidt,1989. Provincial distribution in Turkey: 01 06 07 09 10 11 14 15 16 17 22 26 31 32 33 34 35 37 39 41 42 43 45 46 48 51 52 59 60 80 Larva on *Aristolochia bodamae*, *A.rotunda*, *A.pistolochia* (Koçak, in litt.; Hensle,1993). a) ***Zerynthia* (*Allancastria*) *cerisyi cerisyi* (Godart,1822)** Synonyms: *cerisyi* Godart,1822; *cerisy* Godart,[1824]; *martini* Fruhstorfer,1906; *speciosa* Stichel,1907; *cypria* Stichel,1907; *#destrigata* Schultz,1908; *#caeca* Sheljuzhko,1927; *mysiniensis* Eisner & Wagener,1974; *kocaki* Kuhna,1977; *goeksui* Kuhna,1977; *koroneii* Katt.& Koutsaftikis,1978; *sami* Schmidt,1989. Provincial distribution in Turkey: 01 06 07 09 10 11 14 15 16 17 26 31 32 33 34 35 37 41 42 43 45 46 48 51 52 59 60 80 Larva on *Aristolochia bodamae*, *A.rotunda*, *A.pistolochia* (Koçak, in litt.; Hensle,1993). b) ***Zerynthia* (*Allancastria*) *cerisyi ferdinandi* (Stichel,1907)** Synonym: *ferdinandi* Stichel,1907. Provincial distribution in Turkey: 39 22.

***Zerynthia* (*Allancastria*) *deyrollei* (Oberthür,1869)** Synonyms: *deyrollei* Oberthür,1869; *eisneri* Bernardi,1970; *lycaoniae* Eisner & Wagener,1974; *#flavomaculata* Verity,1905; *#ochracea* Verity,1905; *#obscurior* Verity,1905; *#subflava* Schultz,1908; *#deflexa* Schultz,1908; *#charis* Schultz,1908; *#separata* Sheljuzhko,1927. Provincial distribution in Turkey: 01 02 03 05 06 07 12 13 14 15 18 19 21 23 24 25 26 27 28 29 30 31 32 33 37 38 42 43 44 46 47 49 50 51 58 60 62 63 64 65 66 68 70 71 73 Larva on *Aristolochia bodamae*, *A. maurorum* (Koçak, in litt.). ***Zerynthia* (*Allancastria*) *deyrollei deyrollei* (Oberthür,1869)** Synonyms: *deyrollei* Oberthür,1869; *eisneri* Bernardi,1970; *lycaoniae* Eisner & Wagener,1974; *#flavomaculata* Verity,1905; *#ochracea* Verity,1905; *#obscurior* Verity,1905; *#subflava* Schultz,1908; *#deflexa* Schultz,1908; *#charis* Schultz,1908; *#separata* Sheljuzhko,1927. Provincial distribution in Turkey: 01 02 03 05 06 07 12 13 14 15 18 19 21 23 24 25 26 27 28 29 30 31 32 33 37 38 42 43 44 46 47 49 50 51 58 60 62 63 64 65 66 68 70 71 73

Zerynthia (s.str.) polyxena* (Denis & Schiffermüller,1775) Synonyms: *hypermnestra* Scopoli,1763 *nec* Linn.,1763; *polyxena* [Denis & Schiffermüller],1775; *hypsipyle* Fabricius,1777; *aristolochiae* Schneider,1787 *nec* Fabricius,1775. Provincial distribution in Turkey: 10 14 16 17 26 34 39 43 54 Larva on *Aristolochia clematitis*, *A. rotunda*, *A. pallida*, *A. pistolochia* (Tolman,1997). ***Zerynthia (s.str.) polyxena gracilis* Schultz,1908 Synonyms: *gracilis* Schultz,1908; *tristis* De Lattin,1950; *macedonica* Eisner,1974. Provincial distribution in Turkey: 10 14 16 17 26 34 39 43 54.*

Parnassiini Duponchel,[1835]

Parnassiina Duponchel,[1835]

Parnassius (Driopa) mnemosyne* (Linnaeus,1758) Synonyms: *mnemosyne* Linnaeus,1758 Provincial distribution in Turkey: 01 03 05 06 07 08 12 13 14 16 18 24 25 26 27 29 30 31 32 33 35 36 37 39 42 46 48 49 51 52 53 58 60 62 65 66 67 69 73 74 76 80 Larva on *Corydalis ledebouriana* (Lukhtanov & Lukhtanov,1994). a) ***Parnassius (Driopa) mnemosyne caucasia* Verity,[1911] Synonyms: *caucasia* Verity,[1911]; *angorae* Bryk & Eisner,1931; *schweigeri* Eisner,1966; *kocaki* Eisner,1978; *bithyniae* Betti,1989. Provincial distribution in Turkey: 05 06 08 14 16 18 24 25 26 29 37 39 52 53 58 60 66 67 69 75 b) *Parnassius (Driopa) mnemosyne nubilosus* Christoph,1873 Synonyms: *nubilosus* Christoph,1873; *subnubilosus* Bryk,1914; *strix* Bryk,1914; *pseudonubilosus* Bryk,1932; *elisabethae* Bryk & Eisner,1934; *noacki* Eisner,1968; *urartu* Betti,1989; *relictelam* Betti,1989; *gavaruki* Betti,1989. Provincial distribution in Turkey: 12 13 30 36 49 62 65 73 76. c) ***Parnassius (Driopa) mnemosyne sheljuzhko* Bryk,1914 Synonyms: *sheljuzhko* Bryk,1914 Provincial distribution in Turkey: 01 03 07 27 31 32 33 35 42 46 48 51 80***

Parnassius (Driopa) nordmanni* [Ménétries],[1850] Synonyms: *clarius* Eversmanni1845 *nec* Eversmann,1843; *nordmanni* [Menetries],[1850]; *pataraeus* Westwood,1852; *minima* Honrath,1885; *christophi* Bryk & Eisner,1932; *bogosi* O.Bang-Haas,1934; *#fasciata* Sheljuzhko,1935; *#cohaerens* Shelj.,1935; *#flavomaculata* Shelj.,1935. Provincial distribution in Turkey: 08 53 75 a) ***Parnassius (Driopa) nordmanni nordmanni* [Ménétries],[1850] Synonyms: *clarius* Eversmanni1845 *nec* Eversmann,1843; *nordmanni* [Menetries],[1850]; *pataraeus* Westwood,1852; *minima* Honrath,1885; *christophi* Bryk & Eisner,1932; *bogosi* O.Bang-Haas,1934; *#fasciata* Sheljuzhko,1935; *#cohaerens* Shelj.,1935; *#flavomaculata* Shelj.,1935. Provincial distribution in Turkey: 75. b) ***Parnassius (Driopa) nordmanni thomai* De Freina,1980 Synonyms: *thomai* De Freina,1980 Provincial distribution in Turkey: 08 53***

Parnassius (s.str.) apollo* (Linnaeus,1758) Synonyms: *apollo* Linnaeus,1758 Provincial distribution in Turkey: 01 03 04 05 06 07 13 14 16 18 24 25 27 29 30 32 33 35 36 37 38 42 44 46 51 57 58 60 62 65 67 69 74 76 78 Larva on *Sedum ewersii*, *S. hybridum*, *S. album* (Lukhtanov & Lukhtanov,1994; Koçak, in litt. a) ***Parnassius (s.str.) apollo graslini* Oberthür,1891 Synonyms: *graslini* Oberthür,1891; *kashtshenkoi* Sheljuzhko,1908; *levantinus* Rothschild,1909; *auerspergi* Rebel,1911; *dubius* Bryk,1912; *araraticus* Pagenstecher,1912; *anatolicus* Pagenstecher,1912; *armenicus* Pagenstecher,1912; *peroneurus* Bryk,1914; *zarathustrae* Provincial distribution in Turkey: 01 03 04 05 06 07 13 14 16 18 24 25 27 29 30 32 33 35 36 37 38 42 44 46 51 57 58 60 62 65 67 69 74 76 78 b) ***Parnassius (s.str.) apollo tirabzonus* Sheljuzhko,1924 Synonyms: *tirabzonus* Sheljuzhko,1924 Provincial distribution in Turkey: 08 53***

Archonina Koçak,1989

Archon apollinaris* (Staudinger,[1892]) Synonyms: *apollinaris* Staudinger,[1892]; *pallidior* Spuler,1892; *#mardina* Stichel,1907; *bostanchii* De Freina & Naderi,2003. Provincial distribution in Turkey: 21 23 30 47 49 56 62 65 73 Larva on *Aristolochia bottae*. ***Archon apollinaris apollinaris* (Staudinger,[1892]) Synonyms: *apollinaris* Staudinger,[1892]; *pallidior* Spuler,1892; *#mardina* Stichel,1907; *bostanchii* De Freina & Naderi,2003. Provincial distribution in Turkey: 21 23 30 47 49 56 62 65 73*

Archon apollinus* (Herbst,1798) Synonyms: *apollinus* Herbst,1798; *pythius* Esper,1805; *thia* Hübner,1806; *annii* Ondrias, Kouts. & Douma-Petridou,1979. Provincial distribution in Turkey: 01 02 03 05 06 07 09 10 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 31 32 33 34 35 37 38 42 43 44 45 46 48 51 58 60 63 64 66 68 71 77 Larva on *Aristolochia bodamae*, *A. maurorum* (Koçak, in litt.). a) ***Archon apollinus amasinus* (Staudinger,1901) Synonyms: *amasinus* Staudinger,1901 Provincial distribution in Turkey: 05 06 14 18 19 24 25 26 38 42 58 60 63 66 68 71 77. b) ***Archon apollinus apollinus* (Herbst,1798) Synonyms: *apollinus* Herbst,1798; *pythius* Esper,1805; *thia* Hübner,1806; *annii* Ondrias, Kouts. & Douma-Petridou,1979. Provincial distribution in Turkey: 07 09 35 48. c) ***Archon apollinus armeniacus* Sheljuzhko,1925 Synonyms: *armeniacus* Sheljuzhko,1925 Provincial distribution in Turkey: 29. d) ***Archon apollinus bellargus* (Staudinger,[1892]) Synonyms: *bellargus* Staudinger,[1892] Provincial distribution in Turkey: 01 31 33. e) ***Archon apollinus forsteri* Koçak,1977 Synonyms: *forsteri* Koçak,1977 Provincial distribution in Turkey: 37. f) ***Archon apollinus lichyi* Carbonell & Brevignon,1983 Synonyms: *lichyi* Carbonell & Brevignon,1983 Provincial distribution in Turkey: 51 g) ***Archon apollinus nikodemusi* Stüning & Wagener,1989 Synonyms: *nikodemusi* Stüning & Wagener,1989 Provincial distribution in Turkey: 34 h) ***Archon apollinus thracicus* (Buresch,1915) Synonyms: *thracicus* Buresch,1915 Provincial distribution in Turkey: 17. i) ***Archon apollinus wagneri* Koçak,1976 Synonyms:*****************

wagneri Koçak, 1976 Provincial distribution in Turkey: 27-46. j) *Archon apollinus wyatti* Koçak, 1976 Synonyms: *wyatti* Koçak, 1976 Provincial distribution in Turkey: 03-32

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A nomenclatural note on the Asiatic *Acarina* (*Eriophyoidea*)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: A nomenclature note on the Asiatic *Acarina* (*Eriophyoidea*). *Centr. Ent. Stud., Misc. Pap.* 97: 6.
This paper deals with the proposal of a replacement name for a junior homonym in the superfamily *Eriophyoidea*.

Key Words: *Acarina*, *Eriophyoidea* *Chiangmaiola*, *Chiangmaia*, Thailand.

Eriophyoidea

Chiangmaiola (nom. nov.)

Chiangmaia Amrine, Stasny & Fletchmann, 2003 (Revised Keys to the world genera of *Eriophyoidea*: 216) is invalid, as it is junior homonym of *Chiangmaia* Millidge, 1995 [Arachnida]. Therefore, in accordance with the Homonymy Rules of ICZN, we propose here a replacement name *Chiangmaiola* (nom. nov.) pro *Chiangmaia* Amrine, Stasny & Fletchmann, 2003 nec Millidge, 1995, for the province Chiang Mai, in northern Thailand due to its very rich Arthropoda fauna.

Range: Thailand.

Corrections and Additions to the work entitled "Geometrid Moths of the World", edited by M. J. Scoble (Lepidoptera) - IV

Muhabbet Kemal Ahmet Ömer Koçak

Abstract: Corrections and Additions to the work entitled "Geometrid Moths of the World", edited by M. J. Scoble (Lepidoptera) - IV. *Centr. Ent. Stud., Misc. Pap.* 97: 6-7.

This paper deals with the corrections of the work entitled "Geometrid Moths of the World". A replacement specific name in the genus *Eupithecia* Curtis is proposed.

Keywords: Taxonomy, nomenclature, *Lepidoptera*, *Geometridae*, *Eupithecia hamponi*, *Eupithecia variegata*.

In the year of 1999 a very important nomenclatural and taxonomical catalogue has been published by the Natural History Museum London: "Geometrid Moths of the World". Approximately 35 000 species group names listed in this catalogue with their original references. We compared the taxonomical information given in this catalogue with the basic information of our Centre. As a result of this, numerous geographical, taxonomical and nomenclatural errors has been recorded and published in the previous parts of this publication¹. In the present paper, a replacement name in the genus *Eupithecia* Curtis has been proposed in the following table.

No	Page	Incorrect	Correct
1.	378	For <i>Eupithecia variegata</i> (Hampson,1891)... [the name <i>Eupithecia variegata</i> Hampson,1891 is invalid as it is junior primary homonym of <i>Eupithecia variegata</i> Moore,1887 (currently placed in the genus <i>Pasiphila</i> Meyrick,1883 (<i>Geometridae</i>)]	read as <i>Eupithecia hampsoni</i> Kemal & Koçak (nom.nov) pro <i>Eupithecia variegata</i> Hampson,1891 nec Moore,1887 [India: Nilgiri district].

Nomenclatural notes on the Neotropical *Pyralidae* (*Lepidoptera*)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: Nomenclatural notes on the Neotropical *Pyralidae* (*Lepidoptera*). *Centr. Ent. Stud., Misc. Pap.* 97: 7-8.

This paper deals with the proposal of replacement names for junior homonyms and new combinations in the family *Pyralidae* of the Neotropical Region..

Key Words: *Lepidoptera*, *Pyralidae*, *Gennadius*, *Guayana*, *Cayennia*, *Paradiseguayana*, French Guayana.

PYRALIDAE

***Guayana* (nom. nov.)**

Gennadius Heinrich,1956 (Bull. U. S. nat. Mus. 207: 277, figs.) is invalid², as it is junior homonym of *Gennadius* Jordan & Seale,1907 (U.S.Bur. Fish. 26: 37) [Pisces]. Therefore, in accordance with the Homonymy Rules of ICZN, we propose here a replacement name *Guayana* (nom. nov.) pro *Gennadius* Heinrich,1956 nec Jordan & Seale,1907, for the territories of the taxon.

Type-species: *Guayana junctor* (Heinrich,1956) (**comb.n.**)

Range: French Guayana.

¹ vide Nr.71 (2001), Nr. 86 (2002), and Nr. 90 (2004) of this serial.

² Homonymy of *Gennadius* Heinrich,1956 has already been mentioned by Seven & Bulguer,1991, *Cent. Ent. Stud., Memoirs* 1:54.

***Paradiseguayana* (nom. nov.)**

Cayennia Hampson, 1930 (Ann. Mag. nat. Hist. (10) 5: 62) is invalid, as it is junior homonym of *Cayennia* Sauvage, 1880 (Bull. Soc. philom. Paris (7) 4: 57) [Pisces]. Therefore, in accordance with the Homonymy Rules of ICZN, we propose here a replacement name *Paradiseguayana* (nom. nov.) pro *Cayennia* Hampson, 1930 nec Sauvage, 1880, for the territories of the taxon.

Type-species: *Paradiseguayana rufitinctalis* (Hampson, 1930) (**comb.n.**)

Range: French Guayana.

Reference:

Shaffer, J.C., 1995, Phycitinae. [in] Heppner, J.B., Atlas of Neotropical Lepidoptera Checklist 2: 93-105.

Contents / İndekiler: Koçak, A.Ö., Kemal, M. & I. Akdeniz, A new genus and species to the *Lepidoptera* fauna of Turkey and Syria (*Papilionidae*), p.1- Koçak, A.Ö. & M. Kemal, A nomenclatural note on the Asiatic Acarina (Eriophyoidea), p. 6 - Corrections and Additions to the work entitled "Geometrid Moths of the World", edited by M. J. Scoble (Lepidoptera) – IV, p. 6 - Koçak, A.Ö. & M. Kemal, Nomenclatural notes on the Neotropical Pyralidae (Lepidoptera), p.7 - Editorial, p.8.

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