

<https://doi.org/10.70590/ice.2026.02.03>
<http://zoobank.org/urn:lsid:zoobank.org:pub:61184B9B-A4D7-469E-B158-A10288D52478>

● Nomenclatural notes on *Achillides* (Lepidoptera; Papilionidae)

Gerardo LAMAS^{1*} & Adam M. COTTON²

¹Museo de Historia Natural, Universidad Nacional Mayor de San Marcos, Apartado 14-0434, Lima-14, Peru;

 <https://orcid.org/0000-0002-3664-6730>;  glamasm@unmsm.edu.pe

²86/2 Moo 5, Tambon Nong Kwai, Hang Dong, Chiang Mai, Thailand;

 <https://orcid.org/0000-0002-4852-903X>;  thaibaggie@gmail.com

*Corresponding author

Abstract: Nomenclatural problems in *Papilio* subgenus *Achillides*, grouped into categories of similar cases, are clarified. Two new replacement names, *Papilio krishna schaeffleri* **nom. nov.** and *Papilio ulysses zizi* **nom. nov.**, and five new synonyms are proposed.

Keywords: homonym, ICZN Code, *Papilio*, replacement name, synonym

● 关于翠凤蝶亚属 *Achillides* 的命名法注释（鳞翅目；凤蝶科）

Gerardo LAMAS^{1*} & Adam M. COTTON²

¹ 圣马科斯国立大学自然历史博物馆, Apartado 14-0434, Lima-14, 秘鲁

² 86/2 Moo 5, Tambon Nong Kwai, 杭东, 清迈, 泰国

*通讯作者

摘要: 本文对凤蝶属 *Papilio* 翠凤蝶亚属 *Achillides* 中的命名法问题进行了澄清, 并将相似案例归类。文中提出了两个新的替代名——*Papilio krishna schaeffleri* **nom. nov.** 和 *Papilio ulysses zizi* **nom. nov.**, 以及五个新异名。

关键词: 同名, 国际动物命名法规, 凤蝶属, 替代名, 异名

Citation: Lamas G & Cotton AM 2026: Nomenclatural Notes on *Achillides* (Lepidoptera; Papilionidae). *The Indochina Entomologist*, 2 (3): 23–30. [Lamas G & Cotton AM 2026: 关于翠凤蝶亚属 *Achillides* 的命名法注释（鳞翅目；凤蝶科）. 中南半岛昆虫学家, 2 (3): 23–30.
<https://doi.org/10.70590/ice.2026.02.03>

Accepted by Cheng-Bin WANG: 30.XII.2025; published online: 10.I.2026

Copyright Gerardo LAMAS & Adam M. COTTON. This is an open access article distributed under the terms of the Creative Commons Attribution License (CCBY 4.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

● Introduction

The ‘gloss papilios’, *Achillides* Hübner, [1819], are currently regarded as a subgenus of *Papilio* Linnaeus, 1758 (Condamine *et al.* 2023) containing about 30 species and ranging from South Asia to the Far East and Australasia. A number of nomenclatural issues in the subgenus have been found, which are enumerated here with proposed solutions.

● Nomenclatural Notes

1. Junior Secondary Homonyms

Secondary homonymy occurs when a taxon is moved to a genus containing another taxon with the same species-group name (see ICZN Code Article 57.3.1). When secondary homonymy applies the junior name is invalid, and the next oldest available name for the taxon replaces it. However, if these taxa are subsequently placed in separate genera secondary homonymy no longer applies and the junior name is reinstated as the valid taxon name (see Articles 59.2–59.4), unlike a junior primary homonym which is permanently invalid. *Achillides* is generally not accepted as a valid genus (Munroe [1961]; Hancock 1983; Racheli & Bozano 2024) and DNA analysis suggests it is at best treated as a subgenus of *Papilio* Linnaeus, 1758 (Zakharov *et al.* 2004; Condamine *et al.* 2013, 2023). Four cases of secondary homonymy resulting from new taxa described between 2004 and 2006 by authors who, following the opinion of Page & Treadaway (2003), treated *Achillides* as a genus are discussed here:

1.1 *Achillides ulysses scylla* Dufek, Schäffler & Schmidbauer, 2005: 1, fig.

This name is normally regarded as a subspecies of *Papilio ulysses* Linnaeus, 1758.

A junior secondary homonym of *Papilio scylla* Linnaeus, 1763 (currently *Catopsilia scylla* [Linnaeus, in Johansson, 1763] – Pieridae: Coliadinae) (Honey & Scoble 2001: 378). The junior name is not to be rejected, as the relevant taxa are no longer considered congeneric (ICZN 1999: Art. 59.2).

1.2 *Achillides krishna orientis* Schäffler, 2004: 3, pl. 4, figs. 1–4.

This name is normally regarded as belonging to *Papilio krishna* Moore, [1858]. Racheli & Bozano (2024) treated this taxon as a synonym of subspecies *charlesi* Fruhstorfer, 1902 without explanation.

A junior secondary homonym of *Papilio machaon orientis* Verity, 1911, currently regarded as a valid subspecies of *Papilio machaon* Linnaeus, 1758 (Takahashi & Kaymuk 1997: 153). Pending further investigation on its status, the taxon requires a replacement name. Proposed *nomen novum*: *Papilio krishna schaeffleri*.

1.3 *Achillides polycitor simoni* Sturm, 2006: 3, 12.

This name is normally regarded as belonging to *Papilio bianor* Cramer, 1777, probably only a junior synonym of nominate subspecies *bianor*, as stated by Hu *et al.* (2023).

A junior secondary homonym of *Papilio ucalegon* var. *simoni* Aurivillius, 1899, currently regarded as a valid species of *Graphium* Scopoli, 1777 (Smith & Vane-Wright, 2001: 663). The junior name is not to be rejected, as the relevant taxa are no longer considered congeneric (ICZN 1999: Art. 59.2).

1.4 *Achillides ulysses penelope* Dufek, Schäffler & Schmidbauer, 2005: 1, fig.

This name is normally regarded as a subspecies of *Papilio ulysses* Linnaeus, 1758.

A junior secondary homonym of *Papilio penelope* Fabricius, 1775, currently regarded as a valid species of *Cissia* Doubleday, 1848 – Nymphalidae: Satyrinae (Lamas 2004: 218), and of *Papilio penelope* Wallace, 1865, currently regarded as a junior subjective synonym of *Papilio ulysses autolycus* C. Felder & R. Felder, [1865] (Parsons, [1998]: 267). Requires replacement name. Proposed *nomen novum*: *Papilio ulysses zizi*. The proposed

name is an arbitrary combination of letters.

2. Junior Primary Homonyms covered by Article 23.9.5

The names in this section are all junior primary homonyms of taxa not considered congeneric after 1899. ICZN Code (1999) Article 23.9.5 clearly states that such junior homonyms must not automatically be replaced, cases should be referred to the ICZN for a ruling under the plenary power and meanwhile prevailing usage of names is to be maintained. Here six taxon names are recognised as junior primary homonyms to which Article 23.9.5 applies.

2.1 *Papilio arcturus arius* Rothschild, 1908: 174

Currently regarded as a valid subspecies of *Papilio arcturus* Westwood, 1842 (D'Abrera 1982: 55).

A junior primary homonym of *Papilio arius* Cramer, 1775, a *nomen dubium* in *Calydna* Doubleday, 1847 – Riodinidae (Hall 2002: 229; Callaghan & Lamas 2004: 161). The homonymous names apply to taxa not considered congeneric after 1899. Case needs to be referred to the ICZN.

2.2 *Papilio ulysses dirce* Jordan, 1909: 84

Currently regarded as a valid subspecies of *Papilio ulysses* Linnaeus, 1758 (Shimogori 1997: 100).

A junior primary homonym of *Papilio dirce* Linnaeus, 1758 (currently *Colobura dirce* [Linnaeus, 1758] – Nymphalidae: Nymphalinae) (Lamas 2004: 249). The homonymous names apply to taxa not considered congeneric after 1899. Case needs to be referred to the ICZN.

2.3 *Papilio telegonus* C. Felder & R. Felder, 1860: 226

Currently regarded as a valid subspecies of *Papilio ulysses* Linnaeus, 1758 (Shimogori 1997: 100).

A junior primary homonym of *Papilio telegonvs* [sic] Bergsträsser, 1779 (currently regarded as a subjective synonym of *Phengaris teleius* (Bergsträsser, 1779) – Lycaenidae: Polyommatainae) (Tuzov *et al.* 2000: 156, as *Maculinea teleius*). The homonymous names apply to taxa not considered congeneric after 1899. Case needs to be referred to the ICZN. See also # 3.1 below.

2.4 *Papilio telemachus* Montrouzier, 1856: 401

Currently regarded as a valid subspecies of *Papilio ulysses* Linnaeus, 1758 (Shimogori 1997: 100).

A junior primary homonym of *Papilio telemachus* Linnaeus, 1758 (currently *Morpho telemachus* [Linnaeus, 1758] – Nymphalidae: Morphinae) (Lamas 2004: 200). The homonymous names apply to taxa not considered congeneric after 1899. Case needs to be referred to the ICZN.

2.5 *Papilio ulysses gabrielis* Rothschild, 1898: 217

Currently regarded as a valid subspecies of *Papilio ulysses* Linnaeus, 1758 (Shimogori 1997: 100).

A junior primary homonym of *Papilio gabrielis* Fabricius, 1781 (currently regarded as a junior objective synonym of *Evenus gabriela* [Cramer, 1775] – Lycaenidae: Theclinae) (Robbins 2004: 119). The homonymous names apply to taxa not considered congeneric after 1899. Case needs to be referred to the ICZN.

2.6 *Papilio bianor junia* Jordan, 1909: 78

Currently regarded as the valid name for the subspecies of *Papilio bianor* Cramer, 1777 from Ishigaki Island, southernmost Japan (Cotton 2025: 12).

A junior primary homonym of *Papilio junia* Cramer, 1780 (currently regarded as a subspecies of *Cisandina lea* [Cramer, 1777] – Nymphalidae: Satyrinae) (Nakahara *et al.* 2022). The homonymous names apply to taxa not considered congeneric after 1899. Case needs to be referred to the ICZN.

3. Replacement Names proposed in contravention of Article 23.9.5

Although ICZN Code Article 23.9.5 does not specify the status of replacement names proposed after 1999 in contravention of the article, such names must be treated as junior objective synonyms of the junior homonyms to which Article 23.9.5 applies until such time as the ICZN Commission rules on the validity of the junior homonyms. One name recognised as having been proposed in contravention of this Article is discussed in this section.

3.1 *Papilio ulysses bepe* Koçak & Kemal, 2000: 4

Proposed as a new replacement name for *Papilio ulysses telegonus* Fruhstorfer [sic! = C. Felder & R. Felder, 1860].

Since the replacement name *bepe* Koçak & Kemal, 2000 was proposed in contravention of Article 23.9.5, which states that such names must not automatically be replaced, the name *Papilio ulysses bepe* Koçak & Kemal, 2000 must be considered as a junior objective synonym of *Papilio ulysses telegonus* C. Felder & R. Felder, 1860 (**new synonym**) until such time as the Commission rules on an application to consider the status of *Papilio ulysses telegonus* C. Felder & R. Felder, 1860. See # 2.3 above.

4. Junior Primary Homonyms still in use despite replacement before 2000

One name which was replaced before the year 2000 due to primary homonymy is recognised as still being treated as the valid name for a species-group taxon in subgenus *Achillides* despite being permanently invalid. Article 23.9.5 cannot apply to this name since it only applies to names identified as homonymous after 2000.

4.1 *Papilio daedalus* C. Felder & R. Felder, 1861: 298

Currently regarded as a species of *Papilio* Linnaeus, 1758 from the Philippines (Shimogori 1997: 98).

A junior primary homonym of *Papilio daedalus* Fabricius, 1775 (currently *Hamanumida daedalus* [Fabricius, 1775] – Nymphalidae: Limenitidinae) (Ackery *et al.* 1995: 424). Koçak (1996: 8) declared *Papilio daedalus* C. Felder & R. Felder, 1861 as a junior homonym and newly replaced it with *Papilio angustatus* [sic] *selma*.

The oldest available name for this taxon is *Papilio palinurus nymphodorus* Fruhstorfer, 1909 (type locality Bazilan). The senior name *Papilio angustatus* Staudinger, 1888 becomes the valid name for the species which consists of two subspecies, *P. angustatus angustatus* Staudinger, 1888 and *P. angustatus nymphodorus* Fruhstorfer, 1909 (**new status**). The available names *Papilio daedalus terukoae* K. Okano, 1991 and *Papilio angustatus* [sic] *selma* Koçak, 1996 are junior subjective synonyms (**new synonyms**) of *Papilio palinurus nymphodorus* Fruhstorfer, 1909.

5. Seniority of Synonyms

In many situations prevailing usage clauses were introduced in the current Code (ICZN 1999) to ensure stability of nomenclature, but there are no such clauses covering the name in this section. Thus, despite the junior name being well known, the first published name becomes the valid taxon name.

5.1 *Papilio prillwitzii* Fruhstorfer, 1893a: 225

Described as a species but subsequently regarded as an aberration of *Papilio paris gedeensis* Fruhstorfer, 1893b (Jordan 1909: 80). *Papilio prillwitzii* was published in August 1893 whereas *Papilio arjuna* var. *gedeensis* Fruhstorfer, 1893b was published in a subsequent part of the same journal in September 1893.

Since the name *Papilio prillwitzii* was described as a species, subsequent determination that the holotype is an aberration does not affect the availability of the name. Thus, ***prillwitzii* Fruhstorfer, 1893** becomes the valid subspecies name for ***Papilio arjuna* Horsfield, [1828]** from West Java and the name *gedeensis* Fruhstorfer, 1893 is a junior subjective synonym (**new synonym**).

6. Names based on artefacts

6.1 *Papilio lorquini* Reakirt, [1865]: 462

This name was described based on a specimen provided by Ernest F. Lorquin; presumably obtained by his father, Pierre Joseph Michel Lorquin, on his visit to China and the Philippines between 1856 and 1860. Examination of the holotype housed in the Field Museum in Chicago, USA, clearly shows that it is an artefact composed of forewings of a male *Papilio paris paris* Linnaeus, 1758 attached by glue to the body and hindwings of *Papilio bianor bianor* Cramer, 1777 and thus must have originated in China. Images of the specimen, which are copyright of the Field Museum, are available from <https://collections-zoology.fieldmuseum.org/catalogue/807664>. Under ICZN Code Article 73.1.5, the forewings belonging to *Papilio paris* are hereby excluded from the holotype for the purposes of synonymy, and the name *Papilio lorquini* Reakirt, [1865] is considered a junior subjective synonym of *Papilio bianor* Cramer, 1777 (**new synonym**).

● Acknowledgements

We thank Yutaka Inayoshi (Chiang Mai, Thailand) for bibliographical assistance and Sung-Hwan Oh (Seoul, South Korea) for his opinion on the composite parts of *Papilio lorquini*. Hua-Zhao Li (Sichuan, China) is also thanked for constructive comments during the review process.

● References

- Ackery PR, Smith CR & Vane-Wright RI (Eds.) 1995: *Carcasson's African Butterflies. An annotated catalogue of the Papilionoidea and Hesperioidea of the Afrotropical region*. CSIRO Publications, East Melbourne, xi + 803 pp.
<https://doi.org/10.1071/9780643100787>
- Aurivillius C 1899: Rhopalocera Aethiopica. Die Tagfalter des aethiopischen Faunengebietes. Eine systematische-geographische Studie. *Kongliga svenska Vetenskaps-Akademiens Handlingar* (Ny Följd.), 31 (5): 3–561, pls. 1–6.
<https://doi.org/10.5962/bhl.title.8773>
- Bergsträsser JAB 1779: Vier und vierzigste Tafel der Nomenclatur. Dreissigste Tafel der Schmetterlinge. *Nomenclatur und Beschreibung der Insecten in der Graffschaft Hanau-Münzenberg wie auch der Wetterau und der angränzenden Nachbarschaft dies und jenseits des Mains*, 2: 72–73, pl. 44.
- Callaghan CJ & Lamas G 2004: *Riodinidae*. In: Lamas G (Ed) *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner JB (Ed) *Atlas of Neotropical Lepidoptera. Volume 5A*. Association for Tropical Lepidoptera; Scientific Publishers, Gainesville, pp. 141–170.
- Condamine FL, Toussaint EFA, Cotton AM, Genson GS, Sperling FAH & Kergoat GJ 2013: Fine-scale biogeographical and temporal diversification processes of peacock swallowtails (*Papilio* subgenus *Achillides*) in the Indo-Australian Archipelago. *Cladistics*, 29 (1): 88–111.
<https://doi.org/10.1111/j.1096-0031.2012.00412.x>

- Condamine FL, Allio R, Reboud EL, Dupuis JR, Toussaint EFA, Mazet N, Hu S-J, Lewis DS, Kunte K, Cotton AM & Sperling FAH 2023: A comprehensive phylogeny and revised taxonomy illuminate the origin and diversification of the global radiation of *Papilio* (Lepidoptera: Papilionidae). *Molecular Phylogenetics and Evolution*, 183 (107758): 1–22.
<https://doi.org/10.1016/j.ympev.2023.107758>.
- Cotton AM 2025: A Neotype and two Lectotype designations in Papilionidae (Lepidoptera). *Butterflies*, 97: 10–17.
- Cramer P 1775: *De uitlandsche Kapellen voorkomende in de drie Waereld-Deelen Asia, Africa en America. Papillons exotiques des trois parties du monde l'Asie, l'Afrique et l'Amérique*. S.J. Baalde, Amsterdam; Barthelemy Wild et J. van Schoonhoven & Comp., Utrecht, 1 (1/7): i–xxx, 1–16, 1–132, pls. 1–84.
<https://doi.org/10.5962/bhl.title.43777>
- Cramer P 1777: *De uitlandsche Kapellen voorkomende in de drie Waereld-Deelen Asia, Africa en America. Papillons exotiques des trois parties du monde l'Asie, l'Afrique et l'Amérique*. S.J. Baalde, Amsterdam; Barthelemy Wild et J. van Schoonhoven & Comp., Utrecht, 2 (9/16): 1–151, pls. 97–192.
<https://doi.org/10.5962/bhl.title.43777>
- Cramer P 1780: *De uitlandsche Kapellen voorkomende in de drie Waereld-Deelen Asia, Africa en America. Papillons exotiques des trois parties du monde l'Asie, l'Afrique et l'Amérique*. S.J. Baalde, Amsterdam; Barthelemy Wild et J. van Schoonhoven & Comp., Utrecht, 4 (25/26): 1–28, pls. 289–304.
<https://doi.org/10.5962/bhl.title.65748>
- D'Abrera B 1982: *Butterflies of the Oriental Region. Part I. Papilionidae, Pieridae & Danaidae*. Hill House, Victoria. xxi + 244 pp.
- Doubleday E 1847: *List of the specimens of lepidopterous insects in the collection of the British Museum. Part II*. Edward Newman, London, 57 pp.
- Doubleday E 1848: *List of the specimens of lepidopterous insects in the collection of the British Museum. Appendix*. Spottiswoode and Shaw, London, 37 pp.
- Dufek V, Schäffler O & Schmidbauer M 2005: Beschreibung von 2 neuen Unterarten, sowie einer neuen Form von *Achillides ulysse* Linnaeus, 1758 (Lepidoptera: Papilionidae). *Notes on Papilionidae*, 3: 1–4.
- Fabricius J C 1775: *Systema Entomologiae, sistens Insectorvm classes, ordines, genera, species, adiectis synonymis, locis, descriptionibvs, observationibvs*. Korte, Flensbvrge et Lipsiae, [xxxii] + 832 pp.
<https://doi.org/10.5962/bhl.title.36510>
- Fabricius JC 1781: *Species insectorvm exhibentes eorvm differentias specificas, synonyma avctorvm, loca natalia, metamorphosin adiectis observationibvs, descriptionibvs Tom. II*. Carl Ernest Bohn, Hambvrgii et Kilonii, 494 pp.
<https://doi.org/10.5962/bhl.title.11658>
- Felder C & Felder R 1860: Lepidoptera nova in paeninsula Malayica collecta diagnosibus instructa. *Wiener entomologische Monatschrift*, 4 (12): 394–402.
- Felder C & Felder R 1861: Lepidoptera nova a D^{re} Carolo Semper in insulis Philippinis collecta diagnosibus. *Wiener entomologische Monatschrift*, 5 (10): 297–306.
- Felder C & Felder R [1865]: *Rhopalocera*. In: *Reise der österreichischen Fregatte Novara um die Erde in den Jahren 1857, 1858, 1859 unter den Befehlen des Commodore B. von Wüllerstorff-Urbair. Zoologischer Theil. Zweiter Band. Zweite Abtheilung: Lepidoptera*. Carl Gerold's Sohn, Wien, (1): [4] + 1–136, pls. 1–21.
- Fruhstorfer H 1893a: Ein neuer *Papilio* aus Java. *Entomologische Nachrichten*, 19 (15): 225–226.
- Fruhstorfer H 1893b: Neue Java-Rhopaloceren. II. *Entomologische Nachrichten*, 19 (17/18): 285–287.
- Fruhstorfer H 1898: Neue Lepidopteren aus Ostasien. *Societas entomologica*, 13 (10): 74.
<https://doi.org/10.1002/mmnd.47918980108>
- Fruhstorfer H 1909: Neue asiatische *Papilio*-Rassen. *Entomologische Zeitschrift*, 22 (42): 175–176.
- Hall J 2002: A phylogenetic revision of *Calydna* and relatives (Lepidoptera, Riodinidae). *Insect Systematics and Evolution*, 33 (2): 185–237.
<https://doi.org/10.1163/187631202X00136>

- Hancock DL 1983: Classification of the Papilionidae (Lepidoptera): a phylogenetic approach. *Smithersia*, 2: 1–48.
- Honey MR & Scoble MJ 2001: Linnaeus's butterflies (Lepidoptera: Papilionoidea and Hesperioidea). *Zoological Journal of the Linnean Society*, 132 (3): 277–399.
<https://doi.org/10.1111/j.1096-3642.2001.tb01326.x>
- Horsfield T [1828]: *A Descriptive Catalogue of the Lepidopterous Insects contained in the Museum of the Honourable East-India Company, illustrated by coloured figures of new Species and of the Metamorphosis of Indian Lepidoptera, with introductory Observations on a general arrangement of this Order of Insects. Part I.* Parbury, Allen, & Co., London, [ii] + 80 + [2] pp., 4 pls.
- Hu S-J, Cotton AM, Lamas G, Duan K & Zhang X 2023: Checklist of Yunnan Papilionidae (Lepidoptera: Papilionoidea) with nomenclatural notes and descriptions of new subspecies. *Zootaxa*, 5362 (1): 1–69.
<https://doi.org/10.11646/zootaxa.5362.1.1>
- Hübner J [1819]: *Verzeichniss bekannter Schmettlinge*. Jacob Hübner, Augsburg, (2–8): 17–128.
- ICZN (International Commission on Zoological Nomenclature) 1999: *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London, xxix + 306 pp.
- Johansson B 1763: *Centuria insectorum rariorum*. Boas Johansson, Upsala, [vi] + 32 pp.
- Jordan HEK 1908–1909: 1. Familie: Papilionidae, Segelfalter. In: Seitz A (Ed) *Die Gross-Schmetterlinge der Erde. Vol. 9, Die Indo-australischen Tagfalter*. Alfred Kernen, Stuttgart, pp. 11–109, 112.
- Koçak AÖ 1996: [Notes on the Nomenclature of Butterflies of Philippines [sic] (Lepidoptera)]. *Miscellaneous Papers, Centre for Entomological Studies Ankara*, (27/28): 7–9. [In Turkish]
- Koçak AÖ & M Kemal 2000: [Nomenclatural notes on some taxa in the East Asia and the Pacific (Papilionidae, Lepidoptera)]. *Miscellaneous Papers, Centre for Entomological Studies Ankara*, (71): 1–7. [In Turkish]
- Lamas G 2004: Checklist: Part 4A. Hesperioidea - Papilionoidea. In: Heppner JB (Ed.) *Atlas of Neotropical Lepidoptera. Vol. 5A*. Association for Tropical Lepidoptera, Scientific Publishers, Gainesville, pp. [xiii–xxiii] + 1–274.
- Linnaeus C 1758: *Systema Naturae per Regna Tria Naturae, Secundum Classes, Ordines, Genera, Species, cum Characteribus, Differentiis, Synonymis, Locis. Editio Decima, reformata Tomus I.* Laurentius Salvius, Holmiae, iv + 823 + [1] pp.
<https://doi.org/10.5962/bhl.title.542>
- Montrouzier [X] 1856: Suite de la Faune de l'Ile de Woodlark ou Moïou. Lépidoptères. *Annales des Sciences physiques et naturelles, d'Agriculture et d'Industrie (Lyon)*, 2 (8): 393–411.
- Moore F [1858]: In: Horsfield T & Moore F, *A catalogue of the lepidopterous insects in the Museum of the Hon. East India Company Vol. I*. W.H. Allen & Co., London, 1: v + 278 + iv + 11 + [7] pp., 18 pls.
- Munroe E [1961]: The Classification of the Papilionidae (Lepidoptera). *The Canadian Entomologist*, 93 (Supplement 17): 1–51.
- Nakahara S, Rodríguez-Melgarejo M, Kleckner K, Corahua-Espinoza T, Tejeira R, Espeland M, Casagrande MM, Barbosa EP, See J, Gallice G, Lamas G & Willmott KR 2022: Systematic Revision of a New Butterfly Genus, *Cisandina* Nakahara & Espeland, n. gen., with Descriptions of Three New Taxa (Lepidoptera: Nymphalidae: Satyrinae). *Insect Systematics and Diversity*, 6 (1): 1–30.
<https://doi.org/10.1093/isd/ixab028>
- Okano K 1991: A new swallowtail butterfly (Lep.: Papilionidae) from Babuyan Islands, Philippines. *Tokurana*, 17 (2): 1–2.
- Parsons M [1998]: *The butterflies of Papua New Guinea. Their systematics and biology*. Academic Press, London, xvi + 736 pp., xxvi + 136 pls.
- Page MGP & Treadaway CG 2003: Papilionidae of the Philippine Islands I. Descriptions of New Subspecies and Changes in Classification. In: Bauer E & Frankenbach T (Eds) *Butterflies of the World Supplement 8*. Goecke & Evers, Keltern, 1–6.
- Racheli T & Bozano GC 2024: *Guide to the Butterflies of the Palearctic Region. Papilionidae part V. Subfamily Papilioninae, Tribe Papilionini, Genus Papilio, Subgenera Achillides, Menelaides, Chilasa, Pterourus*. Omnes Artes, Milano, 109 pp.
- Reakirt T [1865]: Notes upon exotic Lepidoptera, chiefly from the Philippine Islands, with descriptions of some new species. *Proceedings of the entomological Society of Philadelphia*, 3 (3): 443–504.

- Robbins RK 2004: *Lycaenidae. Theclinae. Tribe Eumaeini*. In: Lamas G. (Ed), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner JB (Ed) *Atlas of Neotropical Lepidoptera. Volume 5A*. Association for Tropical Lepidoptera; Scientific Publishers, Gainesville, pp. xxiv–xxx, 118–137.
- Rothschild W 1898: Some New Lepidoptera from the East. *Novitates zoologicae*, 5 (2): 216–219.
<https://doi.org/10.5962/bhl.part.1653>
- Rothschild W 1908: New Forms of Oriental Papilios. *Novitates zoologicae*, 15 (1): 165–174.
- Schäffler O 2004: Neue Unterarten von *Achillides* Hübner, 1819 - Arten aus China (Lepidoptera, Papilionidae). *Notes on Papilionidae*, 2: 3–5, pls 4–9.
- Scopoli GA 1777: *Introductio ad Historiam Naturalem, Sistens Genera Lapidum, Plantarum, et Animalium Hactenus Detecta, Characteribus Essentialibus Donata, in Tribus Divisa, Subinde ad Leges Naturae*. Wolfgang Gerle, Prague, [vii] + 506 + 34 pp.
<https://doi.org/10.5962/bhl.title.10827>
- Shimogori Y 1997: *Achillides Butterflies*. Endless Science Information, Tokyo, 106 pp.
- Smith CR & Vane-Wright RI 2001: A review of the afrotropical species of the genus *Graphium* (Lepidoptera: Rhopalocera: Papilionidae). *Bulletin of the natural History Museum (Entomology)* (London), 70 (2): 503–719.
- Sturm R 2006: Beschreibung einer neuen Unterart von *Achillides polycctor* Boisduval, 1836. (Lepidoptera: Papilionidae). *Notes on Papilionidae*, 4: 3, 12.
- Takahashi M & Kaymuk EL 1997: Butterflies collected in Yakutia, Eastern Siberia. *Transactions of the lepidopterological Society of Japan*, 48 (3): 153–170.
- Tuzov VK, Bogdanov PV, Churkin SV, Dantchenko AV, Devyatkin AL, Murzin VS, Samodurov GD & Zhdanko AB 2000: *Guide to the butterflies of Russia and adjacent territories (Lepidoptera, Rhopalocera). Volume 2. Libytheidae, Danaidae, Nymphalidae, Riodinidae, Lycaenidae*. Pensoft, Sofia, 580 pp., 88 pls.
- Verity R 1905–1911: *Rhopalocera Palaearctica. Iconographie et description des papillons diurnes de la région paléarctique. Papilionidae et Pieridae (Texte)*. Roger Verity, Florence, lxxxvi + 368 pp., 86 pls.
- Wallace AR 1865: On the phenomena of variation and geographical distribution as illustrated by the Papilionidae of the Malayan Region. *Transactions of the Linnean Society*, 25 (1): 1–71, pls. 1–8.
<https://doi.org/10.1111/j.1096-3642.1865.tb00178.x>
- Westwood JO 1842: Insectorum novorum Centuria. *Annals and Magazine of natural History, including Zoology, Botany, and Geology*, 9 (55): 36–39.
<https://doi.org/10.1080/03745484209442951>
- Zakharov EV, Caterino MS & Sperling FAH 2004: Molecular phylogeny, historical biogeography, and divergence time estimates for swallowtail butterflies of the genus *Papilio* (Lepidoptera: Papilionidae). *Systematic Biology*, 53 (2): 193–215.
<https://doi.org/10.1080/10635150490423403>

● Additional information

Author contributions: G Lamas & AM Cotton contributed equally to all aspects of the paper.

Conflict of interest: The authors have declared that no competing interests exist.

Data availability: All of the data that support the findings of this study are available in the main text.

Ethical statement: No ethical statement was reported.

Funding: This study was self-funded by the authors.

Disclaimer/Publisher's Note: The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of ICE and/or the editor(s). ICE and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.