

Some notes concerning *Euploea* of the Philippines, with two replacement names (Lepidoptera: Nymphalidae, Danainae)

Colin G. TREADAWAY

Colin G. TREADAWAY F.R.E.S., Entomologie II, Forschungsinstitut Senckenberg, Senckenberganlage 25, D-60325 Frankfurt am Main, Germany; colin.treadaway@web.de

Abstract: Based on suggestions brought up by G. LAMAS a few necessary revisions to the text of the “*Euploea* of the Philippine Islands” are given. These consist of a spelling mistake, several minor corrections to publication dates, two nomina nova (*Euploea tobleri lamasi* TREADAWAY & SCHROEDER, 2013 **nom. n.** and *Euploea mulciber putihburik* TREADAWAY & SCHROEDER, 2013 **nom. n.**) and a more detailed outline on the basis for the name *Euploea eunice oculata* MOORE, 1883.

Einige Anmerkungen zu den *Euploea* der Philippinen, mit zwei Ersatznamen (Lepidoptera: Nymphalidae, Danainae)

Zusammenfassung: Aufgrund von Hinweisen von G. LAMAS hat sich die Notwendigkeit einiger kleiner Korrekturen (Publikationsdaten) ergeben sowie Hinweise, die die Einführung von zwei Ersatznamen (*Euploea tobleri lamasi* TREADAWAY & SCHROEDER, 2013 **nom. n.** und *Euploea mulciber putihburik* TREADAWAY & SCHROEDER, 2013 **nom. n.**) notwendig machten. Eine kurze Darstellung zur nomenklatorischen Basis des Taxon *Euploea eunice oculata* MOORE, 1883 schließt sich an.

Introduction

Based on suggestions brought up by G. LAMAS, Lima, Peru, a few necessary revisions to the text of the “*Euploea* of the Philippine Islands” (TREADAWAY 2012) are given. These consist of a spelling mistake, several minor corrections to publication dates, two nomina nova and a more detailed outline on the basis for the name *Euploea eunice oculata* MOORE, 1883.

Corrections and comments

Page 1 of TREADAWAY (2012):

New synonyms, line 4, *Euploea mulciber* “*guimarensis*” should read *E. mulciber guimarasensis* (the name was correctly used on page 6).

Page 3:

Euploea tobleri peducea “FRUHSTORFER, 1911” should read *E. tobleri peducea* FRUHSTORFER, 1910.

Euploea tobleri inouei “OSADA & HASHIMOTO, 1987” should read *E. tobleri inouei* OSADA & HASHIMOTO, 1982, but is a junior primary homonym of *Euploea crameri inouei* MORISHITA, 1970 from Vietnam, which is regarded as a junior subjective synonym of *Euploea crameri praedicabilis* FRUHSTORFER, 1914. Therefore, the name *Euploea tobleri inouei* OSADA & HASHIMOTO, 1982 should be replaced. As a nomen novum the name *Euploea tobleri lamasi* TREADAWAY & SCHROEDER, 2013 **nom. n.** is herewith established in honour of Prof. LAMAS for his astute advice.

Page 5:

Euploea swainson duplex “HULSTAERT, 1931” should read *E. swainson duplex* HULSTAERT, 1932.

Page 6:

Euploea mulciber dufresne “GODART, 1823” should read *E. mulciber dufresne* GODART, 1824.

Page 7:

Euploea mulciber paupera “SEMPER, 1886” should read *E. mulciber paupera* STAUDINGER, 1889.

Euploea mulciber seraphita “FRUHSTORFER, 1900” should read *E. mulciber seraphita* FRUHSTORFER, 1899.

Euploea (Trepisichrois) mulciber barsine FRUHSTORFER, 1904 [mid-August], is a junior secondary homonym of *E. alecto barsine* FRUHSTORFER, 1904 [June], from Fergusson Island, currently regarded as a junior subjective synonym of *Euploea alcatheae macgregori* (KIRBY, 1889). Therefore, as a replacement name for *Euploea mulciber barsine* (FRUHSTORFER, 1904) the name *Euploea mulciber putihburik* TREADAWAY & SCHROEDER, 2013 **nom. n.** is herewith established. The subspecies’ name means “white spotted” in Bahasa Indonesia.

Page 9:

Euploea eunice syra “FRUHSTORFER, 1901” should read *E. eunice syra* FRUHSTORFER, 1902.

Lastly, *Euploea eunice oculata* MOORE, 1883 is the correct name of the subspecies from Luzon to Mindanao. ACKERY & VANE-WRIGHT (1984) clearly established *eunice* GODART, 1819 for SE Asia with the type locality being Java. They stated that the *eunice* distribution is wide spread from Indochina to Sumatra, Java to Pura, Borneo, the Philippines, Taiwan and S China. For *E. leucostictos* GMELIN, 1790 ACKERY & VANE-WRIGHT gave the distribution as from Talaud Archipelago, Sangihe and Buru eastward throughout the Moluccas, New Guinea, the Bismarck Archipelago, the Solomons to New Hebrides, Santa Cruz Islands, Torres Islands, New Caledonia and Fiji. The type of *oculata* MOORE, 1883 is in the BMNH, London and carries the label Mindanao – clearly in the *eunice* area and not the *leucostictos* area as listed in ACKERY & VANE-WRIGHT. MOORE (1883: 302) described *Salpinx oculata*, based on a specimen from Mindanao. Though a slightly smaller specimen than normal it matches in markings the Philippine *eunice* specimens from Luzon to Mindanao, as covered in *Euploea* of the Philippine Islands (TREADAWAY 2012). This Philippine *eunice* subspecies can vary in size and also has a very

small percent of specimens similar to subspecies *syra*. In addition, the Palawan/Balabac subspecies *syra* can also have a few smaller specimens as well as a very minor percent corresponding to the Luzon to Mindanao subspecies *oculata*.

In the same article MOORE (1883: 304) covered *Euploea eunice kadu* ESCHSCHOLTZ, 1821 from the Mariana Islands, Micronesia, some 2300 km east of the Philippines in the Pacific Ocean. The original description by ESCHSCHOLTZ (1821) described and pictured the type specimen which was from Guahon, Mariana Islands, Micronesia. Interestingly, MOORE in his 1883 article on Euploeinae also covered *Euploea hewitsonii* BUTLER, 1866 for which the habitat is shown as “Philippines (Isle of Guam)” as if BUTLER and MOORE thought that Guam was one of the Philippine Islands rather than one of the Mariana Islands! Later, FRUHSTORFER in SEITZ (1910: 264) stated that *hewitsonii* from Guam was only a form of *kadu*. Thus, MOORE (1883) who described *oculata* as being differently marked to *kadu* was the first to name a subspecies of *eunice* specifically from the Philippines as *oculata* for the area Luzon to Mindanao.

Acknowledgement

Special thanks must be given to Prof. Dr. Gerardo LAMAS, Lima, Peru, for his comments on “*Euploea* of the Philippine Islands”.

References

- ACKERY, P. R., & VANE-WRIGHT, R. I. (1984): Milkweed butterflies, their cladistics and biology. — London (British Museum (Natural History), Publication No. 893), 425 pp.
- ESCHSCHOLTZ, F. (1821): Description of new foreign butterflies. — A voyage of discovery into the South Sea and Beering's Straits undertaken in the years 1815–1818 in the ship *Rurick* under the command of Lt. Otto von KOTZEBUE. — London, vol. 3: 384–386, pl. 17.
- MOORE, F. (1883): A monograph of Limnaina and Euploeina, two groups of diurnal Lepidoptera belonging to the subfamily Euploeinae, with descriptions of new genera and species. Part II. Euploeina. — Proceedings of the Zoological Society, London, 21: 302–304.
- MORISHITA, K. (1970): The danaid butterflies of South Vietnam. — Tyō to Ga (Transactions of the Lepidopterological Society of Japan), Osaka, 21 (3/4): 66–67.
- SEITZ, A. (ed.) (1908–1928): Die Gross-Schmetterlinge der Erde, 9. Band, Die indo-australischen Tagfalter. — VIII + 1197 + VI pp., 177 pls., Stuttgart (A. Kernen).
- TREADAWAY, C. G. (2012): Nymphalidae XXI, *Euploea* of the Philippine Islands. — In: BAUER, E., & FRANKENBACH, T. (eds.), Butterflies of the world, 37: 1–10, 28 pls. — Keltern (Goecke & Evers).

Received: 4. II. 2013

Personalia

2. Nachtrag zur Bibliographie von Claude LEMAIRE

Nachdem wir 2004 einen Nekrolog mit Bibliographie, Neubeschreibungsverzeichnis und Patronymliste veröffentlichten (NAUMANN et al. 2004) und 2011 einen Nachtrag dazu, ist inzwischen postum noch eine weitere Arbeit mit einem neuen Patronym erschienen.

Neues Patronym

Lemaireodirphia BRECHLIN & MEISTER, 2012

Typusart: *Dirphia hoegei* DRUCE, 1886 (durch originale Festlegung).

BRECHLIN & MEISTER (2012: 27).

GENUS NOV. — Ausdrückliche Widmung.

Literatur

- BRECHLIN, R., & MEISTER, F. (2012): Einige Anmerkungen zu den Gattungen *Manodirphia* gen. nov. und *Lemaireodirphia* gen. nov. mit Beschreibungen neuer Taxa (Lepidoptera: Saturniidae). — Entomo-Satsphingia, Pasewalk, 5 (2): 26–43.
- NAUMANN, S., BROSCHE, U., & NÄSSIG, W. A. (2004): Nekrolog: Zum Tode von Claude LEMAIRE, 21. II. 1921–5. II. 2004 [mit Publikationsverzeichnis und Verzeichnis der Neubeschreibungen sowie der ihm gewidmeten Patronyme]. — Nachrichten des Entomologischen Vereins Apollo, Frankfurt am Main, N.F. 25 (1/2): 55–62.
- , —, & — (2011): Nachträge zur Bibliographie von Claude LEMAIRE. — Nachrichten des Entomologischen Vereins Apollo, Frankfurt am Main, N.F. 31 (4): 235–236.

Stefan NAUMANN, Ulrich BROSCHE & Wolfgang A. NÄSSIG