



Corrigendum

Corrigendum to "New information of the biodiversity of the nymphalid family (Insecta, Lepidoptera, Nymphalidae) species collected in Romania's fauna between 1887 and 1984"

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Note

After the publication, we were notified of errors in the identification of some species from the presented historical collections (Stancă-Moise et al. 2023).

The updated names of the species in the collections should also be taken into account in Tables 1, 2, 3, 4, 5 and 6 from the article, which describe the results of the centralised data after the inventory of the collections (Daniel Czekelius (DC), Eugen Worell (EW), Viktor Weindel (VW), Rolf Weirauch (RW), Heinrich Hann von Hanneheim (HH), Eckbert Schneider (ES)).

We have revised all obsolete names to the current accepted name and cross-reference data with the current name and the name as originally used in the catalogue below.

Nymphalidae collected in Romania's fauna between 1887 and 1984 (Table 1).

Table 1.

The names of the species in the collections and actual taxon.

The names of the species in the collections (from article)	Taxon
<i>Libythea celtis</i> (Laicharting, 1782)	<i>Libythea celtis</i> (Laicharting, 1782)
<i>Argynnis paphia</i> (Linnaeus, 1758)	<i>Argynnis paphia</i> (Linnaeus, 1758)
<i>Argynnis paphia</i> f. <i>valensina</i> [Esper, 1798]	Current name: <i>Argynnis paphia</i> (Linnaeus, 1758)
<i>Argynnis pandora</i> ([Denis & Schiffermüller], 1775)	<i>Argynnis pandora</i> ([Denis & Schiffermüller], 1775)
<i>Argynnis pandora</i> subsp. <i>dacica</i> Hormuzaki, 1892	Current name: <i>Argynnis pandora</i> ([Denis & Schiffermüller], 1775)
<i>Argynnis</i> (<i>Speyeria</i>) <i>aglaja</i> (Linnaeus, 1758)	Current name: <i>Speyeria aglaja</i> (Linnaeus, 1758)
<i>Argynnis</i> (<i>Fabriciana</i>) <i>adippe</i> ([Denis & Schiffermüller], 1775)	Current name: <i>Fabriciana adippe</i> ([Denis & Schiffermüller], 1775)
<i>Argynnis</i> (<i>Fabriciana</i>) <i>niobe</i> (Linnaeus, 1758)	Current name: <i>Fabriciana niobe</i> (Linnaeus, 1758)
<i>Argynnis</i> (<i>Fabriciana</i>) <i>niobe</i> f. <i>cleodoxa</i> Esper 1789	Current name: <i>Fabriciana niobe</i> (Linnaeus, 1758)
<i>Argynnis</i> (<i>Fabriciana</i>) <i>niobe</i> var. <i>pelopia</i> Borkhausen, 1788	Current name: <i>Fabriciana niobe</i> (Linnaeus, 1758)
<i>Argynnis laodice</i> (Pallas, 1771)	<i>Argynnis laodice</i> (Pallas, 1771)
<i>Argynnis latonia</i> var. <i>hungarica</i> Aigner-Abafi, 1906	Current name: <i>Issoria lathonia</i> (Linnaeus, 1758)
<i>Issoria lathonia</i> (Linnaeus, 1758)	<i>Issoria lathonia</i> (Linnaeus, 1758)
<i>Brenthis ino</i> Rottemburg, 1775	<i>Brenthis ino</i> (Rottemburg, 1775)
<i>Brenthis daphne</i> ([Denis & Schiffermüller], 1775)	<i>Brenthis daphne</i> ([Denis & Schiffermüller], 1775)
<i>Brenthis hecate</i> ([Denis & Schiffermüller], 1775)	<i>Brenthis hecate</i> ([Denis & Schiffermüller], 1775)
<i>Boloria euphrosyne</i> (Linnaeus, 1758)	<i>Boloria euphrosyne</i> (Linnaeus, 1758)
<i>Boloria selene</i> ([Denis & Schiffermüller], 1775)	<i>Boloria selene</i> ([Denis & Schiffermüller], 1775)
<i>Boloria dia</i> (Linnaeus, 1767)	<i>Boloria dia</i> (Linnaeus, 1767)
<i>Boloria pales</i> subsp. <i>carpathomeridionalis</i> ([Denis & Schiffermüller], 1775) Crosson & Popescu-Gorj, 1963	We mention that it is an endemic, accepted subspecies. <i>Boloria pales carpathomeridionalis</i> Crosson & Popescu-Gorj, 1963
<i>Inachis</i> (<i>Aglais</i>) <i>io</i> (Linnaeus, 1758)	Current name: <i>Aglais io</i> (Linnaeus, 1758)
<i>Aglais urticae</i> (Linnaeus, 1758)	<i>Aglais urticae</i> (Linnaeus, 1758)

The names of the species in the collections (from article)	Taxon
<i>Polygonia c-album</i> (Linnaeus, 1758)	<i>Polygonia c-album</i> (Linnaeus, 1758)
<i>Polygonia egea</i> (Cramer, 1775)	<i>Polygonia egea</i> (Cramer, 1775) The species is found in Eugen Worell's collection and the specimen is not collected from Romania; it is also mentioned in the paper. Material examined: three specimens, June (without collection day), 1910, Pola Istrien (Croatia), leg. Wo.
<i>Araschnia levana</i> (Linnaeus, 1758)	<i>Araschnia levana</i> (Linnaeus, 1758)
<i>Araschnia levana</i> f. <i>porima</i> Ochseneheimer, 1807	Current name: <i>Araschnia levana</i> (Linnaeus, 1758)
<i>Araschnia levana</i> f. <i>prorsa</i> Linnaeus, 1758	Current name: <i>Araschnia levana</i> (Linnaeus, 1758)
<i>Araschnia levana</i> f. <i>intermedia</i> Stichel, 1906	Current name: <i>Araschnia levana</i> (Linnaeus, 1758)
<i>Nymphalis antiopa</i> (Linnaeus, 1758)	<i>Nymphalis antiopa</i> (Linnaeus, 1758)
<i>Nymphalis polychloros</i> (Linnaeus, 1758)	<i>Nymphalis polychloros</i> (Linnaeus, 1758)
<i>Nymphalis xanthomelas</i> ([Denis & Schiffermüller], 1775)	<i>Nymphalis xanthomelas</i> ([Denis & Schiffermüller], 1775)
<i>Nymphalis vaualbum</i> ([Denis & Schiffermüller], 1775)	<i>Nymphalis vaualbum</i> ([Denis & Schiffermüller], 1775)
<i>Euphydryas maturna</i> (Linnaeus, 1758)	<i>Euphydryas maturna</i> (Linnaeus, 1758)
<i>Euphydryas orientalis</i> (Herrich-Schaffer, [1851])	It is not a European species. The species is distributed in Kazakhstan, Transcaucasia, south of the Ural Mountains.
<i>Euphydryas aurinia</i> (Rottemburg, 1775)	<i>Euphydryas aurinia</i> (Rottemburg, 1775)
<i>Melitaea cinxia</i> (Linnaeus, 1758)	<i>Melitaea cinxia</i> (Linnaeus, 1758)
<i>Melitaea phoebe</i> ([Denis & Schiffermüller], 1775)	<i>Melitaea phoebe</i> ([Denis & Schiffermüller], 1775)
<i>Melitaea trivialis</i> ([Denis & Schiffermüller], 1775)	<i>Melitaea trivialis</i> ([Denis & Schiffermüller], 1775)
<i>Melitaea didyma</i> (Esper, 1778)	<i>Melitaea didyma</i> (Esper, 1778)
<i>Melitaea didyma</i> subsp. <i>alpina</i> Staudinger, 1861	Current name: <i>Melitaea didyma</i> (Esper, 1778)
<i>Melitaea didyma</i> subsp. <i>occidentalis</i> Staudinger, 1861	The species is not collected from Romania. Material examined: two specimens, 23 July 1934, Kärnten/Karintia Ulrichsberg (Austria), leg. J. Thurner; 14 August 1962, Kärnten/Karintia Ulrichsberg 360 m (Austria), leg. J. Thurner.
<i>Melitaea didyma</i> subsp. <i>meridionalis</i> Staudinger, 1870	Current name: <i>Melitaea didyma</i> (Esper, 1778)
<i>Melitaea didymoides</i> Eversmann, 1847	<i>Melitaea didymoides</i> is widespread in the Far East (eastern Siberia) not in Europe. Absent from the list of European Butterflies (Wiemers et al. 2018).
<i>Melitaea dictynna</i> Esper, 1778	Current name: <i>Melitaea diamina</i> (Lang, 1789)

The names of the species in the collections (from article)	Taxon
<i>Melitaea aurelia</i> Nickerl, 1850	<i>Melitaea aurelia</i> Nickerl, 1850
<i>Melitaea parthenie</i> var. <i>varia</i> Meyer-Dür, 1851	The species is not collected from Romania. Material examined: two specimens, 18 July 1927, Tirol Rotmoostal (Austria), leg. O. Holik; 14 July 1930, Tirol Gaisbergatal (Austria), leg. O. Holik; We will mention that it is currently called: <i>Melitaea varia</i> Herrich-Schaffer, 1851
<i>Melitaea athalia</i> (Rottemburg, 1775)	<i>Melitaea athalia</i> (Rottemburg, 1775)
<i>Melitaea athalia</i> subsp. <i>dictynnoides</i> Hormuzaki, 1898	Current name: <i>Melitaea athalia</i> (Rottemburg, 1775)
<i>Melitaea retyezatica</i> Diöszeghy, 1930	Material examined: nine specimens, 26 July 1919/two specimens, Retezat Mountains (southern Carpathians), 950 m, leg. Diöszeghy; 28 July 1920, Retezat Mountains (southern Carpathians), 1600 m, leg. Diöszeghy; 4 July 1922, Retezat Mountains (southern Carpathians), leg. Diöszeghy; 7 June 1922/five specimens, Retezat Mountains (southern Carpathians), leg. Diöszeghy. Current name: <i>Melitaea athalia</i> f. <i>retyezatica</i> (Diöszeghy, 1930) (Urbahn and Zehdenick/Havel 1952)
<i>Melitaea athalia</i> subsp. <i>mehadiensis</i> Gerhard, 1822	Current name: <i>Melitaea athalia</i> (Rottemburg, 1775)
<i>Melitaea britomartis</i> Assmann, 1847	<i>Melitaea britomartis</i> Assmann, 1847
<i>Melitaea diamina</i> subsp. <i>alpestris</i> Fruhstorfer, 1917	In Romania, we only have: <i>Melitaea diamina</i> (Lang, 1789)
<i>Melitaea nana</i> Rehfons, 1910	Collection of Daniel Czekelius. Undecipherable labels. Material examined: two specimens, 25 July (no collecting year), Lands (?), leg. Cz; (no day and no month for collecting) <i>Melitaea trivia</i> var. <i>nana</i> Staudinger, 1871
<i>Melitaea parthenoides</i> Keferstein, 1851	This species has never been reported in Romania's fauna.
<i>Melitaea asteria</i> Freyer, 1828	Erroneous determination in the collection of Eugen Worell. This species has never been reported in Romania's fauna.
<i>Limenitis populi</i> (Linnaeus, 1758)	<i>Limenitis populi</i> (Linnaeus, 1758)
<i>Limenitis camilla</i> (Linnaeus, 1764)	<i>Limenitis camilla</i> (Linnaeus, 1764)
<i>Limenitis sibilla</i> (<i>camilla</i>) Linnaeus, 1764	It is synonymous with: <i>Limenitis camilla</i> (Linnaeus, 1764)
<i>Limenitis reducta</i> subsp. <i>reducta</i> Staudinger, 1901	Current name: <i>Limenitis reducta</i> Staudinger, 1901
<i>Neptis rivularis</i> (Scopoli, 1763)	<i>Neptis rivularis</i> (Scopoli, 1763)
<i>Neptis rivularis</i> subsp. <i>ludmila</i> Nordmann, 1851	Current name: <i>Neptis rivularis</i> (Scopoli, 1763)
<i>Neptis lucilla</i> ([Denis & Schiffermüller], 1775)	It is synonymous with: <i>Neptis rivularis</i> (Scopoli, 1763)
<i>Neptis sappho</i> Pallas, 1771	<i>Neptis sappho</i> (Pallas, 1771)

The names of the species in the collections (from article)	Taxon
<i>Neptis aceris</i> sensu Lhomme, 1924	It is synonymous with: <i>Neptis sappho</i> (Pallas, 1771)
<i>Apatura ilia</i> ([Denis & Schiffermüller], 1775)	<i>Apatura ilia</i> ([Denis & Schiffermüller], 1775)
<i>Apatura ilia</i> var. <i>eos</i> Rossi, 1794	Current name: <i>Apatura ilia</i> ([Denis & Schiffermüller], 1775)
<i>Apatura clytie</i> ([Denis & Schiffermüller], 1775)	Current name: <i>Apatura ilia</i> ([Denis & Schiffermüller], 1775)
<i>Apatura iris</i> (Linnaeus, 1758)	<i>Apatura iris</i> (Linnaeus, 1758)
<i>Apatura metis</i> Freyer, 1829	<i>Apatura metis</i> Freyer, 1829

Conflicts of interest

The authors have declared that no competing interests exist.

References

- Stancă-Moise C, Moise G, Brereton T, Stanciu M (2023) New information of the biodiversity of the nymphalid family (Insecta, Lepidoptera, Nymphalidae) species collected in Romania's fauna between 1887-1984. *Biodiversity Data Journal* 11: 1-40.
- Urbahn VE, Zehdenick/Havel (1952) Was versteht man unter *Melitaea dictynnoides* Hormuzaki? (Lep.). *Zeitschrift der Wiener Entomologischen Gesellschaft* Seite 38: 149-152.
- Wiemers M, Balletto E, Dincă V, Fric ZF, Lamas G, Lukhtanov V, Munguira ML, van Swaay CAM, Vila R, Vliegenthart A, Wahlberg N, Verovnik R (2018) An updated checklist of the European Butterflies (Lepidoptera, Papilionoidea). *ZooKeys* 811: 9-45. <https://doi.org/10.3897/zookeys.811.28712>