A CONTRIBUTION TO KNOWLEDGE OF THE BALKAN LEPIDOPTERA: SOME SPECIES COLLECTED IN ALBANIA IN AUGUST 2018

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Abstract
Nocturnal moths and some other Lepidoptera were investigated in Albania during August 2018. Six genera and 17 species are new for Albania. A further 48 species are reported for the second time only in that country. Species with three or more national records are omitted from the list. The majority of data are from poorly investigated areas, including the Tomori and Mali me Grope Mountains, with the remainder from northern and eastern parts of the country. Selected collecting localities, not illustrated before, are illustrated in colour as are several moth species and their genitalia, including everted vesicas.

Keywords: Albania, faunistics, Lepidoptera.

Introduction
The Balkan Peninsula is one of the most biodiverse regions of Europe, but large parts remain poorly investigated for Lepidoptera in particular. This paper is the latest in a series aimed at improving knowledge of the moths of this under-studied area and aims to support the efforts of local scientists where these exist.

Before the three authors met up, SB and AN collected in Mal Ĉajup, Ĉorogjafı and Ĉorovodë, whilst CWP collected above Pronovik Village in the vicinity of Poliçan. For the remainder of the trip, all three of us surveyed in the same areas as a team, except for a single night when we collected in two remote localities near Theth.

Some of the sites examined had been visited a few weeks earlier, in July, by SB & AN and appeared “promising”; different species were expected in August. A main aim of this join trip was, therefore, to explore these places as well as several mountain areas, at a variety of altitudes, from where only limited amount of data is currently available.

The primary targets of the trip were the Noctuoidea and the Pyraloidea, but all moth material entering the light traps, including micros, was retained. Samples were identified by all of the authors, the “macros” mainly by SB and CWP and the micros, especially Pyraloidea, mostly by CWP. Voucher material is preserved in the collections of the authors; the majority of macros are represented in the collection of S. Beshkov in National Museum of Natural History, Sofia, with many duplicated in the CWP collection, where the bulk of the Pyralidae and Crambidae are also represented. Pyralidae and Crambidae are to be published in separate paper. Various colleagues are currently working on samples from other families, including Pterophoridae, Coleophoridae, Gelechiidae and Depressariidae, from both this and other trips and we await their results with interest.
Survey methods

The collecting methods deployed by SB & AN are described in detail in Beshkov & Nahirnić (2019a, 2020). Collecting by CWP included using up to four 125-watt Robinson-pattern mv traps and up to seven 8-watt actinic “bucket traps”, powered by 12 volt batteries. In addition, a 125-watt mv bulb was, on most nights, suspended at around 1.8 metres above the ground in front of a vertical, white cotton sheet clipped to the side of a Landrover vehicle. All lamps were operated throughout the entire period of darkness, from just before nightfall to dawn the following morning and the entire catch was retained. In general, lamps were placed more or less along a linear transect of between 1 and 2 kilometres, with a vehicle stationed near each of the two ends of the line, both for efficiency of managing the equipment and for security. Typically, the basis of the adopted line would be a road or track, although lamp positions were often some distance either side of this.

Habitats examined

For most sites that we have visited prior to the present trip we have already published site photographs that indicate the overall habitat features; references to these images are given in the text. Some of the remaining sites are illustrated in this present paper and the Plate numbers are also indicated.

Localities visited in August 2018 are indicated in Map 1 in which the site numbers, ascending from north to south and from west to east, are repeated here; positions are indicated using decimal coordinates. In the species accounts, localities are arranged chronologically.


2. Qafa e Thorës: Bjeshkët e Nemuna Mts, (=Prokletije Mts), Radohima Mt., between Qafa e Thorës pass and Theth village, south-east of Shtegu peak, N42.5405, E19.757, 1562 m, 15.viii.2018 (Plate 3: 1).


4. Dajti-Mali me Gropë, 1095 m: Tirana County, Malësia e Tirana municipality, fountain below Maja e Fekenit (=Feken peak), west from Qafa e Selitës pass, 1095 m, N41.3700, E19.9864, 12.viii.2018, Fagus, Acer, Corylus, Carpinus wet forest (Plate 2: 1).


8. Çorögjafi: Mt. Çorögjafi, between Berat and Memaliaj, Qafa e Selenicës, 808m, N40.5411, E19.9997, 8.viii.2018, *Quercus*, meadows, (Plate 1: 1).


11. Tomori, 2026m: Tomori Mts above Ujanik to Abaz Aliu 2026m, N40.6218, E20.1784, 10.viii.2018, mountain grassy slopes and rocky areas (Plate 1: 2).


### List of species recorded

It is intriguing that even species that are generally common in Europe, such as *Habrosyne pyritoides*, *Catarhoe cuculata*, *Hydriomena furcata*, *Perizoma blandiata*, *Mesapamea secalella*, *Polia nebmlosa*, *Sideridis rivularis*, *Xestia stigmactica* and 39 other species are reported here for only the second time for Albania! A selective list of the more interesting recorded species of moths, plus a few butterflies, is now presented. Moths with more than three published localities for the country are not included here. Exceptions are allowed for some species with more localities, but concentrated in another part of Albania and unknown from certain parts of the country. Families are arranged according to Aarvik et al. (2017). The sequence and nomenclature of families Erebidae and Noctuidae follow Yela et al. (2011) with subsequent changes incorporated from recent taxonomic revisions. The Geometridae are arranged according to Hausmann & Sihvonen (2019). For remaining groups, we have followed the *Fauna Europaea* website.
Plate 1. 1. Çorogjafi [site 8]; 2. Tomori, 2026m [site 11].
Plate 2. 1. Dajti-Mali me Gropë, 1095m [site 4]; 2. Theth [site 3].
Plate 3. 1. Qafa e Thorës [site 2]; 2. Gropat e Selcës [site 1].
Hepialidae

Triodia sylvina (Linnaeus, [1760]) Tomori, 2026m; Mali me Gropë, 1495m. Known from Goricë near Korçë (Misja, 1990) and Plani i Bardhë (Beshkov & Nahirnić, 2019a). The locality Galičica reported by Rebel & Zerny (1931), follows the report of Drenowsky (1930), but is in the North Macedonia, not in Albania.

Psychidae


Tineidae

Scardia boletella (Fabricius, 1794) Dajti-Mali me Gropë, 1095m, 1 female (Plate 4: 1).

**Pieridae**

*Pieris ergane* (Geyer, 1828) Mali me Gropë, 1405m.

**Nymphalidae**

*Hyponephele lycaon* (Rottemburg, 1775) Mali me Gropë, 1405m, 14. viii.2018.


*Arethusa arethusa* ([Denis & Schiffermüller], 1775) Mali me Gropë,1405m.

**Lycaenidae**

*Pseudophilotes vicrama schiffermuelleri* (Hemming, 1929) Mali me Gropë, 1405m.

*Polyommatus damon* ([Denis & Schiffermüller], 1775) Mali me Gropë, 1505m, N41°21’42”; E020°03’25”, 14.viii.2018.

Drepanidae


Geometridae

Geometrinae

Aplasta ononaria (Fuessly, 1783) Plani i Bardhë.

Eucrostes indigenata (Villers, 1789) Pronovik; Plani i Bardhë.

Ennominae

Macaria notata (Linnaeus, 1758) Theth, collected together with Macaria alternata. New species for Albania.

Macaria alternata ([Denis & Schiffermüller], 1775) Theth. Reported as new for Albania by Misja (1977) from several localities, but this report possibly also concerns Macaria notata which has not been reported for Albania before. Second report for Albania.

Macaria artesiaria ([Denis & Schiffermüller], 1775) Theth.

Ennomos quercinaria (Hufnagel, 1767) Dajti-Mali me Gropë, 1095m; Theth, 2 males, genitalia checked. Known from Tirana (Misja, 1990). Second report for Albania.

Cabera exanthemata (Scopoli, 1673) Theth (Plate 4: 2). Known from Kula e Lumës (Rebel & Zerny, 1931) and Vermosh (Misja, 1990).

Gnophos furvata ([Denis & Schiffermüller], 1775) Dajti-Mali me Gropë, 1095m; Qafa e Thorës; Gropat e Selcës. Known from Kula e Lumës (Rebel & Zerny, 1931). Second report for Albania.

Charissa obscurata ([Denis & Schiffermüller], 1775) Dajti-Mali me Gropë, 1095m; Mali me Gropë, 1495m; Mali me Gropë, 1405m; Gropat e Selcës. Known from Kula e Lumës (Rebel & Zerny, 1931). Second report for Albania.

Charissa graecaria (Staudinger, 1871) (=certhiatus Rebel & Zerny, 1931) Tomori, 2026m (Plate 4: 3); Tomori, 2379m; Mali me Gropë, 1495m; Mali me Gropë 1405m. Known from Bështriq and Korab (Rebel & Zerny, 1931). Second report for Albania.

Charissa glaucinaria (Hübner, 1799) Tomori, 2379m, genitalia checked.

Aspilates gilvaria ([Denis & Schiffermüller], 1775) Tomori, 2026m; Mali me Gropë, 1495m.
Dyscia raunaria (Freyer, 1851) Tomori, 2026m. Known from Mali me Gropë (Urbahn, 1966), Boboshticë and Shkallë (Beshkov & Nahirnić, 2019b).

Selidosemaplumaria ([Denis & Schiffermüller], 1775) Mali me Gropë, 1495m.

Peribatodes umbraria (Hübner, 1809) Dajti-Mali me Gropë; Plani i Bardhë.

Peribatodes secundaria ([Denis & Schiffermüller], 1775) Plani i Bardhë.

Alcis repandata (Linnaeus, 1758) Gropat e Selcës.


Serrhinae
Idaea moniliata ([Denis & Schiffermüller], 1775) Dajti-Mali me Gropë, 1095m.
Idaea elongaria (Rambur, 1833) Plani i Bardhë. Known from Borshi and Iba (Urbahn, 1966) and Këneta e Gjeratit (Beshkov & Nahirnić, 2019a).
Scopula nigropunctata (Huñagel, 1767) Mali me Gropë, 1495m.
Scopula incanata (Linnaeus, 1758) Tomori, 2026m; Tomori, 2379m; Mali me Gropë, 1405m.
Scopula confinaria (Herrich-Schäffer, 1847) Plani i Bardhë.
Rhodostrophia vibicaria (Clerck, 1759) Dajti-Mali me Gropë, 1095m.
Larentiinae

**Aplocera simpliciata** (Treitschke, 1835) Pronovik; Tomori, 2026m; Tomori, 2379m; Qafa e Thorës; Gropat e Selcës. The report in Misja (1990) for Marikaj near Tirana is perhaps incorrect, because of the low altitude and unsuitable habitat.

**Scototeryx vicinaria** (Duponchel, 1830) Planle i Bardhë.

**Cataclysmatriguata** (Hübner, 1813) Tomori, 2379m; Mali me Gropë, 1495m; Mali me Gropë, 1405m; Plani i Bardhë.

**Catarhoe putridaria** (Herrich-Schäffer, 1852) Mali me Gropë, 1405m.


**Euphyia adumbraria** (Herrich-Schäffer, 1852) Tomori, 2026m; Dajti-Mali me Gropë, 1095m. Genitalia checked. Known from Munella Mt. (Beshkov & Nahirnić, 2020). Second report for Albania.


**Gandaritis pyraliata** ([Denis & Schiffermüller], 1775) Tomori, 2026m; Tomori, 2379m.

**Ecliptopera silacea** ([Denis & Schiffermüller], 1775) Dajti-Mali me Gropë, 1095m; Qafa e Thorës; Gropat e Selcës. New genus and new species for Albania.

**Colostygia fitzi** (Schawerda, 1914) Mali me Gropë, 1495m, 2 males (Plate 4: 4, 5). Known from Starë (Beshkov & Nahirnić, 2019a). Second report for Albania.


**Nebula achromaria** (la Harpe, 1853) Mali me Gropë, 1405m, 2 males (Plate 4: 6, 5: 1), Gen. preps 1, 2./02.IV.2019 S. Beshkov (Plate 11: 1); Gropat e Selcës, 1 female (Plate 5: 2), Gen. prep. 4./02.IV.2019 S. Beshkov (Plate 11: 2); Plani i Bardhë, 1 male (Plate 5: 3), Gen. prep. 3./02.IV.2019 S. Beshkov (Plate 11: 3). The report of Misja (1990) for *Nebula nebulata* (Treitschke, 1828) seems to be result of misidentification and perhaps concerns *Nebula achromaria* or *Nebula pirinica* (Reisser, 1936).

**Nebula pirinica** (Reisser, 1936) Mali me Gropë, 1405m, genitalia checked by C.W.P. Known from Munella Mt. (Beshkov & Nahirnić, 2019a). Second report for Albania.

**Triphosa dubitata** (Linnaeus, 1758) Tomori, 2379m, aestivating in a bunker.

**Horisme vitalbata** ([Denis & Schiffermüller], 1775) Pronovik; Theth.

**Horisme corticata** (Treitschke, 1835) Plani i Bardhë.


**Perizoma albulata** ([Denis & Schiffermüller], 1775) Gropat e Selcës.

**Eupithecia silenicolata** Mabille, 1867 Dajti-Mali me Gropë, 1095m (Plate 5: 4). Reported by Rebel & Zerny, (1931) for Novo selo, which is however in Serbia, not in Albania. New species for Albania.

**Lasiocampidae**

**Lasiocampa trifolii** ([Denis & Schiffermüller], 1775) Mali me Gropë1495m.

**Lasiocampa grandis** (Rogenhofer, 1891) Çorogjafi (Plate 5: 5). Known from Tirana, Salkos and Mamurrasi (Beshkov & Misja, 1995). Second report for Albania.

**Dendrolimus pini** (Linnaeus, 1758) Tomori, 2026m; Dajti-Mali me Gropë, 1095m; Mali me Gropë, 1405m; Qafa e Thorës.
Pachypasa otus (Drury, 1773) Çorogjafi (Plate 5: 6). This species is presented in Misja (1978) without any further data. We take this opportunity to record this formally as a new genus and a new species for Albania.

**Sphingidae**

*Smerinthus ocellata* (Linnaeus, 1758) Tomori, 2026m; Plani i Bardhë.

*Mimas tiliae* (Linnaeus, 1758) Dajti-Mali me Gropë, 1095m.

*Sphinx pinastri* (Linnaeus, 1758) Mali me Gropë, 1405m; Plani i Bardhë.

*Acherontia atropos* (Linnaeus, 1758) Çorovodë; Tomori, 2379m.

*Hyles gallii* (Rottemburg, 1775) Mali me Gropë, 1505m. New species for Albania.

*Hippotion celerio* (Linnaeus, 1758) Tomori, 2379m, 1 male (Plate 6: 1). This species is mentioned for Albania in some Internet sites, but without any data. New genus and a new species for Albania.

**Notodontidae**


*Thaumetopoea solitaria* (Freyer, 1838) Dajti-Mali me Gropë, 1095m; Plani i Bardhë (Plate 6: 2). Known from Butrinti (Beshkov, 1995). Second report for Albania.

*Thaumetopoea pityocampa* ([Denis & Schiffermüller], 1775) Tomori, 2026m; Mali me Gropë, 1405m; Plani i Bardhë.

*Stauropus fagi* (Linnaeus, 1758) Pronovik; Dajti-Mali me Gropë, 1095m; Mali me Gropë 1495m; Plani i Bardhë.

*Drynoma querna* ([Denis & Schiffermüller], 1775) Dajti-Mali me Gropë, 1095m.

*Drynoma obliterata* (Esper, 1785) Dajti-Mali me Gropë, 1095m. The name of this species is presented in Misja (1978) without any further information. Known from Vermosh (Beshkov, Misja & Abadjiev, 1996). Second report for Albania.

*Notodonta ziczac* (Linnaeus, 1758) Mali me Gropë, 1495m; Theth; Gropat e Selçës.

*Pheosia tremula* (Clerck, 1759) Mali me Gropë, 1495m. *Pheosia tremacula* Cl. [sic!] is presented as a name in Misja (1978), which perhaps concerns *Pheosia tremula*.

*Paradrymonia vittata streckfussi* (Honrath, 1892). Çorovodë (Plate 6: 3).

*Ptilodon cucullina* ([Denis & Schiffermüller], 1775) Dajti-Mali me Gropë, 1095m. New species for Albania.

*Phalera bucephala* (Linnaeus, 1758) Dajti-Mali me Gropë, 1095m; Mali me Gropë, 1495m.

*Clostera pigra* (Hufnagel, 1766) Mali me Gropë, 1495m.

*Spatalia argentina* ([Denis & Schiffermüller], 1775) Dajti-Mali me Gropë, 1095m; Plani i Bardhë.

**Erebidae**

*Scoliopeteriniae*

*Scoliopteryx libatrix* (Linnaeus, 1758) Tomori, 2379m, 3 specimens aestivating in bunker.

**Hypheninae**

*Zekelita antiqualis* (Hübner, 1809) Pronovik; Dajti-Mali me Gropa, 1095m; Plani i Bardhë.

*Hyphena proboscidalis* (Linnaeus, 1758) Tomori, 2379m; Dajti-Mali me Gropa, 1095m; Theth. Known for Albania from Strelcë; Dardhë (Beshkov & Nahirnić, 2018a); Starë and Parpunje (Beshkov & Nahirnić, 2019a).

Arctiinae

Eilema costalis (Zeller, 1847) (= morosina (Herrich-Schäffer, [1847]) Dajti-Mali me Gropë, 1095m. Known from Kula e Lumës (Rebel & Zerny, 1931) and from Ossumi (Beshkov & Nahirnić, 2019b).

Eilema pseudocomplana (Daniel, 1938) Tomori, 2026m; Dajti-Mali me Gropë, 1095m; Mali me Gropë 1495m; Mali me Gropë, 1405m; Gropat e Selçës; Plani i Bardhë. Known from Ostren i Vogël; Pustec, above Prespa Lake, 862m; Prespa Lake; Korita; Skallë (Beshkov & Nahirnić, 2018a).

Eilema pygmaeola pallifrons (Zeller, 1847) Tomori, 2026m, 2 males; Tomori, 2379m, 1 male; Mali me Gropë, 1495m, 1 male. Genitalia of all specimens checked. Known from Beshtriq and from Kula e Lumës (Rebel & Zerny, 1931). Second report for Albania.

Dysauxes famula (Freyer, 1836) Pronovik; Plani i Bardhë.

Euplagia quadripunctaria (Poda, 1761) Dajti-Mali me Gropë, 1095m; Gropat e Selçës; Plani i Bardhë.

Spilarctia lutea (Hufnagel, 1766) Mali me Gropë, 1495m.

Hermiinae

Orectis proboscidata (Herrich-Schäffer, 1851) Dajti-Mali me Gropë, 1095m; Mali me Gropë, 1405m; Theth.

Idia calvaria ([Denis & Schiffermüller], 1775) Dajti-Mali me Gropë, 1095m.

Paracolax tristalis (Fabricius, 1794) Dajti-Mali me Gropë, 1095m; Gropat e Selçës; Plani i Bardhë.

Polypogon plumigeralis (Hübner, 1825) Dajti-Mali me Gropë, 1095m.

Toxocampinae

Lygephila procax (Hübner, [1813]) (= limosa Treitschke, 1826) Pronovik; Dajti-Mali me Gropë, 1095m.

Boletobiinae

Laspeyria flexula ([Denis & Schiffermüller], 1775) Dajti-Mali me Gropë, 1095m.


Eublemma polygramma (Duponchel, 1842) Plani i Bardhë.

Erebinae

Zethes insularis Rambur, 1833 Çorovodë (Plate 6: 5). Known from Butrint (Beshkov & Misja, 1995); Ilias, 140m (Beshkov & Nahirnić, 2018a); Mal Çajup (Beshkov, Plant, Nahirnić, King & Jakšić, 2020).

Drasteria callino (Lefèbvre, 1827) Plani i Bardhë.

Catocala conversa (Esper, 1787) Plani i Bardhë.

Catocala electa (Vieweg, 1790) Theth, 1 male (Plate 6: 6). Data in Rebel & Zerny (1931) for Novo selo relate to Kosovo (Serbia), not to Albania (Heinicke, 1965). New species for Albania.


Catocala promissa ([Denis & Schiffermüller], 1775) Dajti-Mali me Gropë, 1095m, 1 male (Plate 7: 1). New species for Albania.

Euteliidae

Eutelia adulatrix (Hübner, 1813) Pronovik; Plani i Bardhë.

Noctuidae

Plusiinae


Ctenoplusia accentifera (Lefebvre, 1827) Plani i Bardhë, 1 female.

Panchrysia deaurata (Esper, 1787) Tomori, 2026m. New genus and a new species for Albania.

Autographa jota (Linnaeus, 1758) Dajti-Mali me Gropë, 1095m; Gropat e Selcës. Known from Quarrishta [near Librazhd] (Misja, 1976) and Dishnicë (Beshkov & Nahirnić, 2018a).

Autographa bractea ([Denis & Schiffermüller], 1775) Plani i Bardhë, 1 male (Plate 7: 2). New species for Albania.

Cuculliinae

Cucullia formosa Rogenhofer, 1860 Mali me Gropë, 1405m (Plate 7: 3); Plani i Bardhë. Known from Shkallë (Beshkov & Nahirnić, 2018b). Second report for Albania.

Cucullia artemisiae (Hufnagel, 1766) Plani i Bardhë, 3 males and 1 female. Known from the same locality, but in July (Beshkov & Nahirnić, 2019b). Second report for Albania.

Shargacucullia thapsiphaga (Treitschke, 1826) Tomori, 2026m, genitalia checked. Known in Albania from Klocë (Beshkov & Nahirnić, 2018a). The locality Galičica reported by Rebel & Zerny (1931) after Drenowsky (1930) is in North Macedonia, not in Albania (Heinicke, 1965). Second report for Albania.

Amphipyrinae


Lamprosticta culta ([Denis & Schiffermüller], 1775) Dajti-Mali me Gropë, 1095m.

Acronictinae

Craniophora ligustri ([Denis & Schiffermüller], 1775) Dajti-Mali me Gropë, 1095m; Mali me Gropë 1495m; Theth; Plani i Bardhë.

Acronicta aceris (Linnaeus, 1758) Pronovik; Dajti-Mali me Gropë, 1095m.

Acronicta psi (Linnaeus, 1758) Dajti-Mali me Gropë, 1095m; Plani i Bardhë. Genitalia checked.

Acronicta euphorbiae ([Denis & Schiffermüller], 1775) Tomori, 2026m; Mali me Gropë, 1495m; Mali me Gropë, 1405m; Gropat e Selcës; Plani i Bardhë.
Onocnemidinae
Calophasia lunula (Hufnagel, 1766) Mali me Gropë, 1405m; Gropat e Selcës; Plani i Bardhë.

Aediinae
Aedia leucomelas (Linnaeus, 1758) Pronovik; Dajti-Mali me Gropë, 1095m; Plani i Bardhë.

Heliothinae
Pyrrhia umbra (Hufnagel, 1766) Plani i Bardhë.

Bryophilinae
Cryphia algae (Fabricius, 1775) Dajti-Mali me Gropë, 1095m; Gropat e Selcës; Plani i Bardhë.

Cryphia ochsi (Boursin, 1940) Dajti-Mali me Gropë, 1095m.

Bryophila rectilinea (Warren, 1909) Dajti-Mali me Gropë, 1095m; Plani i Bardhë.

Nyctobrya amasina (Draudt, 1931) Plani i Bardhë, 1 male, genitalia checked. Known from Drenovë (Beshkov & Nahirnić, 2018a); Shkallë, Pustec, 862m (Beshkov & Nahirnić, 2018b); Librazhd (Beshkov & Nahirnić, 2019a).

Noctuinae
Pseudeustrotia candidula ([Denis & Schiffermüller], 1775) Pronovik; Plani i Bardhë. New genus and a new species for Albania.

Caradrina gilva (Donzel, 1837) Tomori, 2026m; Mali me Gropë, 1405m; Gropat e Selcës.

Caradrina suscianja (von Mentzer, 1981) Qafa e Thorës.

Hoplodrina superstes (Ochsenheimer, 1816) Mali me Gropë, 1495m; Gropat e Selcës; Plani i Bardhë. Known from Kula e Lumës (Rebel & Zerny, 1931, Heinicke, 1965) and from Pustec, 862m (Beshkov & Nahirnić, 2018a).

Trachea atriplicis (Linnaeus, 1758) Plani i Bardhë.

Thalpophila matura (Hufnagel, 1766) Dajti-Mali me Gropë, 1095m; Mali me Gropë, 1495m; Mali me Gropë, 1405m; Plani i Bardhë.

Euplexia lucipara (Linnaeus, 1758) Dajti-Mali me Gropë, 1095m; Theth.

Luperina rubella (Duponchel, 1835) Tomori, 2026m.

Auchmis detersa (Esper, [1787]) Tomori, 2026m, 1 male (Plate 7: 6). New genus and a new species for Albania.

Apamea furva ([Denis & Schiffermüller], 1775) Tomori, 2026m; Tomori, 2379m; Mali me Gropë, 1495m; Mali me Gropë, 1405m. Known from Kula e Lumës, Korab (Rebel & Zerny, 1931, Heinicke, 1965).

Apamea platinea (Treitschke, 1825) Tomori, 2026m, 1 female; Tomori, 2379m, 1 male (Plate 8: 1). Known from Korab, Beshtriku (Rebel & Zerny, 1931, Heinicke, 1965), Quarrishta (Misja, 1980), Vermoshi: Ujanik (Beshkov & Misja, 1995).

Apamea lateritia (Hufnagel, 1766) Tomori, 2026m; Tomori, 2379m. Known from Korab (Rebel & Zerny, 1931, Heinicke, 1965) and Quarrishta near Librazhd (Misja, 1976).

Apamea michielii hellenica (Hacker, Hassler & Schmidt, 1988) Tomori, 2026m; Tomori, 2379m, 2 males (Plate 8: 2, 3) and 1 female (Plate 8: 4). New for Albania, previously known only from Greece.

Mesapamea secalis Remm, 1983 Tomori, 2379m, genitalia checked; Tomori, 2026m, 1 male, genitalia checked by S. Beshkov, collected together with Mesapamea secalis

*Litoligia literosa* (Haworth, 1809) Tomori, 2026m; Mali me Gropë, 1495m; Gropat e Selcës. Known from Zvezdë and Drenovë (Beshkov & Nahirnić, 2018a). Second report for Albania.

*Sesamia cretica* (Lederer, 1857) Gropat e Selcës.

*Dryobotodes monochroma* (Esper, [1790]) Tomori, 2026m, 1 male. Known from Ilias (Beshkov & Nahirnić, 2018a). Second locality for Albania.


*Mniotype adusta* (Esper, [1790]) Gropat e Selcës; Qafa e Thorës.

*Anarta odontites* (Boisduval, 1829) Tomori, 2026m.


*Ceramica pisi* (Linnaeus, 1758) Gropat e Selcës.

*Sideridis rivularis* (Fabricius, 1775) Pronovik; Dajti-Mali me Gropë, 1095m; Gropat e Selcës; Plani i Bardhë. Known from Tirana, Burrel, Vermosh (Misja, 1980). Second report for Albania.

*Hadena capsincola* ([Denis & Schiffermüller], 1775) Tomori, 2026m. For Albania *Hadena bicurris* (Hufnagel, 1766) is reported from Durres, Burrel, Vermosh (Misja, 1976). Perhaps this report concerns *Hadena capsincola*, species found in Albania also in Strelcë, m 5.VI.2016 (Plate 8: 5), gen. prep. 2./29.1.2018, S. Beshkov (Plate 11: 4). Correct identification requires measurements of the female genitalia. New species for Albania.

*Hadena compta* ([Denis & Schiffermüller], 1775) Tomori, 2026m; Mali me Gropë, 1405m; Plani i Bardhë. Known from Korab (Rebel & Zerny, 1931, Heinicke, 1965), Vlora (Misja, 1980); Boboshticë, Pepellash, 1187m (Beshkov, Plant, Nahirnić, King & Jakšić, 2020).

*Hadena albimacula* (Borkhausen, 1792) Tomori, 2026m; Tomori, 2379m; Mali me Gropë, 1405m; Mali me Gropë, 1495m; Plani i Bardhë. Known from Klocë, Drenovë and Golobrdo (Beshkov, 2018). Second report for Albania.

*Hadena vulcanica urumovi* (Drenowski, 1931) (=*castriota* Rebel & Zerny, 1931) Tomori, 2026m, 6 males (Figs 8: 6, 9: 1) and 1 female (Plate 9: 2), genitalia with everted vesicas of 2 males checked, in glycerol in microvials; Mali me Gropë, 1495m. Known from Korab (Rebel & Zerny, 1931, Heinicke, 1965); Drenovë, Boboshticë and Strelcë (Beshkov, 2018). Very variable taxon with melanistic forms (Plate 9: 1).

*Hadena caesia xanthophoba* (Schawerda, 1922) Tomori, 2026m, 1 male. Known from Dajti; Bize near Shëngjergji; Beshtriku; Korab (Heinicke, 1965).

*Hadena perplexa* ([Denis & Schiffermüller], 1775) Tomori, 2026m; Mali me Gropë, 1495m.


*Mythimna conigera* ([Denis & Schiffermüller], 1775) Tomori, 2026m; Mali me Gropë, 1495m; Mali me Gropë, 1405m; Gropat e Selcës. Known from Gashturan near Tropoja (Misja, 1980); Dishnicë (Beshkov & Nahirnić, 2018a).

*Mythimna sicula* (Treitschke, 1835) Pronovik; Mali me Gropë, 1405m; Gropat e Selcës; Plani i Bardhë.

*Leucania comma* (Linnaeus, 1761) Tomori, 2026m.

*Leucania putrescens* (Hübner, [1824]) Dajti-Mali me Gropë, 1095m; Mali me Gropë, 1405m; Plani i Bardhë.

Dichagyris candelisequa ([Denis & Schiffermüller], 1775) Tomori, 2026m; Plani i Bardhë. Known from Mal Çajup and Mali me Gropë, 1501m (Beshkov & Nahirić, 2019b). Second report for Albania.

Dichagyris nigrescens (Höfner, 1888) Mali me Gropë 1495m; Mali me Gropë, 1405m; Plani i Bardhë.

Euxoa glabella balcanica Fibiger, 1997 Tomori, 2026m. Genitalia checked by C.W.P. New species for Albania.

Euxoa aquilina ([Denis & Schiffermüller], 1775) Plani i Bardhë. Known from Gorica near Korçë and Mali me Gropë, 1501m (Beshkov & Nahirnić, 2019b). Second report for Albania.

Euxoa decora ([Denis & Schiffermüller], 1775) Tomori, 2026m; Mali me Gropë, 1495m; Mali me Gropë, 1405m; Gropat e Selcës. Known from Tropoja (Misja, 1980) and Gasturan (Beshkov & Misja, 1995).

Agrotis bigramma (Esper, 1790) (=crassa Hübner, [1803]) Mali me Gropë, 1495m; Mali me Gropë, 1405m; Gropat e Selcës; Plani i Bardhë.

Agrotis cinerea ([Denis & Schiffermüller], 1775) Tomori, 2379m.

Ochropleura plecta (Linnaeus, 1761) Theth; Gropat e Selcës.

Diarsia brunnea ([Denis & Schiffermüller], 1775) Gropat e Selcës. New species for Albania.

Epipsilia cervantes vargai Fibiger, 1993 Tomori, 2026m, 14 males (Plate 9: 3) and 3 females; Tomori, 2379m, 6 males (Plate 9: 4). New species for Albania.

Epipsilia grisescens (Fabricius, 1794) Tomori, 2026m, genitalia checked; Tomori, 2379m, 1 male (Plate 9: 5). Known from Beshtriku, Korab (Rebel & Zerny, 1931, Heinicke, 1965). Second report for Albania.

Rhyacia nyctymerides stavroiticus Toulechkoff, 1951 Tomori, 2026m; Tomori, 2379m. Known from Boboshticë (Beshkov, 2018) and Tomori, 2379m in July (Beshkov & Nahirić, 2019b).

Chersotis multangula (Hübner, [1803]) Tomori, 2026m; Mali me Gropë, 1495m; Mali me Gropë, 1405m. Known from Beshtriku, Miloti (Rebel & Zerny, 1931), Beshtriku (Heinicke, 1965), Marikaj near Tirana (Misja, 1976).

Chersotis elegans (Eversmann, 1837) Tomori, 2026m, 2 males (Plate 9: 6), Gen. prep. 1./03.III.2019, SB, (Plate 11: 5) male genitalia with everted vesica on glass in euparal; Mali me Gropë, 1495m. Known from Korita and Pepellash, 1318m (Beshkov & Nahirić, 2018b). Second report for Albania.

Chersotis anatolica (Draudt, 1936) Tomori, 2026m, 16 males (Plate 10: 1) and 3 females (Plate 10: 2), genitalia of one male checked; Tomori, 2379m, 4 males, Gen. prep. 1./04.III.2019, SB (Plate 11: 6), male genitalia with everted vesica on glass in euparal; Mali me Gropë, 1495m, 1 female. Known from Tomori, 2379m in July (Beshkov & Nahirić, 2019b). Second report for Albania.

Chersotis margaritacea (de Villers, 1789) Tomori, 2026m Tomori, 2379m; Mali me Gropë 1495m; Mali me Gropë, 1405m. Known from Zvezdë; Korita; Pepellash, 1318 m (Beshkov & Nahirić, 2018a); Starë; Plani i Bardhë (Beshkov & Nahirić, 2019a).

Chersotis cuprea ([Denis & Schiffermüller], 1775) Tomori, 2026m (Plate 10: 3); Tomori, 2379m; Mali me Gropë, 1495m. Known from Korab (Rebel & Zerny, 1931, Heinicke, 1965). Second report for Albania.

Noctua orbosa (Hufnagel, 1766) Tomori, 2026m. Known from Marikaj near Tirana, Vlora, Kune near Lezha, Quarishita near Librazhd (Misja, 1976); Librazhd (Beshkov & Nahirić,
2019a). In Misja (1976) *Noctua comes* Hb. is given as a synonym of *N. orbona*. Consequently, there is significant scope for confusion of these species, as well as with *N. interposita*.

*Noctua interposita* (Hübner, 1790) Tomori, 2026m; Tomori, 2379m; Dajti-Mali me Gropë, 1095m; Mali me Gropë, 1405m. Known from Klocë, Zevzë, Drenovë, Boboshticë, Dishnici, Dardhë, Korita (Beshkov & Nahirnić, 2018a); Zevzë, Boboshticë, Pepellash, 1187m, Shkallë (Beshkov, Plant, Nahirnić, King & Jakšić, 2020).

*Noctua tirrenica* Biebinger, Speidel & Hanigk, 1983 Tomori, 2026m; Dajti-Mali me Gropë, 1095m; Mali me Gropë, 1495m; Mali me Gropë, 1405m; Plani i Bardhë. Genitalia checked.

*Noctua janthina* [Denis & Schiffermüller], 1775) Pronovik; Mali me Gropë 1495m; Plani i Bardhë.

*Noctua janthe* (Borkhausen, 1792) Pronovik; Gropat e Selcës, 1 male (Plate 10: 4); Plani i Bardhë. Known from Quarrishta near Librazhd (Beshkov & Misja, 1995), Butrint (Pločiennik, Pawlikiewicz & Pabis, 2009).


*Divana haywardi* (Tams, 1926) Mali me Gropë, 1405m; Plani i Bardhë. Known from Boboshticë (Beshkov, 2018). Second report for Albania.

*Epilecta linogrisea* ([Denis & Schiffermüller], 1775) Tomori, 2026m; Dajti-Mali me Gropë, 1095m; Mali me Gropë, 1405m; Mali me Gropë, 1495m; Plani i Bardhë.

*Xestia ashworthii* (Doubleday, 1855) Tomori, 2026m; Tomori, 2379m (Plate 10: 5). Known from Quarrishta near Librazhd (Misja, 1976). Second report for Albania.

*Xestia baja* ([Denis & Schiffermüller], 1775) Theth; Gropat e Selcës; Plani i Bardhë. Known from Prespa Lake, Pustec above Prespa Lake, 862m and Korita (Beshkov & Nahirnić, 2018a). Second report for Albania.

*Xestia stigmatica* (Hübner, 1813) Dajti-Mali me Gropë, 1095m (Plate 10: 6); Mali me Gropa, 1405m; Qafa e Thorës; Gropat e Selcës; Plani i Bardhë. Known from Prespa Lake and Shkallë (Beshkov & Nahirnić, 2018a). Second report for Albania.

*Nolidae*

*Meganola togatulalis* (Hübner, 1796) Plani i Bardhë.

*Nola chlamitulalis* (Hübner, [1813]) Plani i Bardhë.

*Bena bicolorana* (Fuessly, 1775) (= prasinana auct., nec Linnaeus, 1758) Plani i Bardhë.

**References**


Additional records of the Cryptic Fern *Horisme radicaria* (La Harpe) (Geometridae) support this species being an established resident in south-east England

The Cryptic Fern *Horisme radicaria* was added to the British list of moths only a few months ago by Smith & Clancy (2019. *Entomologist’s Rec. J. Var.* 131: 261 – 268). Its presence in Britain had been predicted by various authors over the past two or three decades; in the adult stage it is, at least for worn examples, practically impossible to separate from the familiar Fern *Horisme tersata* (D.& S.) unless the genitalia are examined.

Since publication of the discovery of overlooked specimens of *H. radicaria* in East Kent (VC 15) and East Sussex (VC14), six further candidate specimens have been located and confirmed as further examples of *H. radicaria* by dissection. In chronological order, these additional specimens are: New Romney (VC 15), 6.viii.2004, Sean P. Clancy (replacing the already reported example from here on 22.vii.2007 as the earliest British occurrence); Kingsdown (VC 15), 3.v.2020, Nigel Jarman; Aylesham (VC 15), 7.v.2020, David Shenton; Aylesham (VC 15), 8.v.2020 (two), David Shenton; Ovingdean (VC 14), 8.v.2020, Ian Barnard.

The purpose of this short note is to remind British lepidopterists to look out for this species during 2020. It apparently occurs in two broods and can be encountered throughout the May to August period. Indicative external characters were given in Smith & Clancy (2019).

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