

Species diversity of Noctuidae in Algeria: a review of the fauna (Insecta: Lepidoptera)

Adjal Izdihar, Merabti Ibrahim, Moussi Abdelhamid,
Lebbouz Ismahane, Balázs Benedek & Willy De Prins

Abstract

The objective of this study is to draw up an initial inventory of the diversity of the species of the Noctuidae family in Algeria. The large area of the country offers a variety of bioclimatic stages ranging from semi-humid to Saharan biotopes. This review is the first national list of the most studied species, many of which are known for their negative impact on agricultural crops. Based on a compilation of more than 25 publications since 1876, this study highlights the most representative genera and species of the fauna of Noctuidae in Algeria.

Keywords: Insecta, Lepidoptera, Noctuidae, species diversity, fauna inventory, Algeria.

Diversidad de especies de Noctuidae en Argelia: una revisión de la fauna (Insecta: Lepidoptera)

Resumen

El objetivo de este estudio es elaborar un primer inventario de la diversidad de las especies de la familia Noctuidae en Argelia. La gran extensión del país ofrece una variedad de estadios bioclimáticos que van desde los biotopos semihúmedos a los saharianos. Esta revisión es la primera lista nacional de las especies más estudiadas, muchas de las cuales son conocidas por su impacto negativo en los cultivos agrícolas. Basado en una recopilación de más de 25 publicaciones desde 1876, este estudio destaca los géneros y especies más representativos de la fauna de Noctuidae en Argelia.

Palabras clave: Insecta, Lepidoptera, Noctuidae, diversidad de especies, inventario de fauna, Argelia.

Diversité des espèces de Noctuidae en Algérie: une revue de la faune (Insecta: Lepidoptera)

Résumé

L'objectif de cette étude est de dresser un premier inventaire de la diversité des espèces de la famille des Noctuidae en Algérie. La grande superficie du pays offre une variété de stades bioclimatiques allant des biotopes semi-humides aux biotopes sahariens. Cette revue est la première liste nationale des espèces les plus étudiées, dont beaucoup sont connues pour leur impact négatif sur les cultures agricoles. Utilisant une méthode de compilation, de plus de 25 publications depuis 1876, l'étude met en évidence les genres et les espèces les plus représentatifs de la faune des Noctuidae en Algérie.

Mots-clés: Insecta, Lepidoptera, Noctuidae, diversité des espèces, inventaire de la faune, Algérie.

Introduction

Noctuidae is one of the dominant and economically important families of the order Lepidoptera (Sivasankaran et al. 2011). The name of this family is derived from the fact that night-flying species have eyes which reflect light with an orange gleam (Soomro et al. 2021). Noctuidae are among the most devastating crop pests on the planet. Many of them are polyphagous pests capable of feeding on numerous host plants (Le Goff & Nauen, 2021). As the family has economic importance in agriculture, horticulture, and forest pest management, Noctuidae were assessed for their diversity. Proper control measures can be deployed to control the pests if they are identified correctly (Kalawate et al. 2023). In recent years, the classification of Noctuidae has been the subject of permanent taxonomic changes. These changes concern all the taxonomic categories, from species to family rank, proposed in order to establish natural monophyletic groups (Amer, 2013).

Algeria, one of the largest countries in Africa, has a vast area of 2,381,741 km². The temperature difference reaches 25 degrees during the same day and in the same season between its regions. Algeria is a rich natural and cultural diversity. Its geographical position lies between two barriers: the Mediterranean Sea and the Saharan ecosystems (Tebbouche et al. 2017). The importance of considering insects in the management of a natural ecosystem such as a forest is well established. Insects indeed represent a preponderant part (more than 80%) of forest animal biodiversity (Nageleisen & Bouget, 2009) and the Algerian Sahara is a preferred place for preservation of biodiversity of fauna and flora (Biad et al. 2022).

Studies on moths were started in 1876. Before the memorable era when the French army began the conquest of Algeria, the natural history of this country was very little known. The Lepidoptera in particular were, until recent years, very rare in French collections, and apart from the overall work done by Mr. Lucas (Oberthür, 1876), the Lepidopterological fauna of Algeria was known only through descriptions or isolated notes published in the Annales of the Entomological Society of France (Oberthür, 1876). In different regions of Algeria, humid, semi-humid, semi-arid, arid, and desert: Algiers; Biskra; Bou-Saada; Oran; Djebel-Aures and many other regions. The research revolved around Lepidoptera species, including the Noctuidae family. For example, Oberthür mentioned 34 species of Noctuidae family in his first research. The Noctuidae are sometimes difficult to identify. Some species are extremely variable both in coloration and the accentuation of the spots and lines on the upper side of the wings. It is often necessary to have at one's disposal numerous specimens perfectly fresh and presenting all the necessary transitions, in order to be able to carry out, with full confidence in the value of the work accomplished, the reference of the various samples to their true specific unit (Oberthür, 1918).

This is a preliminary list, based on a review of a range of specialized books to compile an inventory that includes most species found throughout history. However, access to some titles may be difficult, which may limit the possibility of confirming the presence and distribution of other species in different geographic regions. But this publication brings together most of the archival and recent scientific works that dealt with the identification of Lepidoptera in Algeria.

Material and Methods

The study builds on a review of the existing literature on Noctuidae in Algeria. The information was collected from more than 25 scientific publications dating from 1876 to the present day. The criteria for including species in the study are based on their biological importance, their geographical distribution, and their impact on crops. Data were qualitatively analyzed to draw up an updated list of Noctuidae in Algeria. This paper forms part of a planned revision of the Lepidoptera of Algeria with reference to old studies like *Fauna of the Lepidoptera of Algeria* (Oberthür, 1876), *Barbary Lepidoptera Fauna Noctuidae* (Oberthür, 1918), *Descriptions of new species of Algerian Lepidoptera* (Oberthür 1887-1888) and published data on Afrotropical moths of Algeria in the Palaearctic region (<https://www.afromoths.net/>).

The confirmation of the actual nomenclature and synonyms of species with the distribution maps of some species has been verified in the database of <https://inpn.mnhn.fr/>

This paper supports the notion that the archival record is valuable for those interested in the history of Noctuidae in Algeria. Archival information is made available regarding the original descriptions of each species, and this is confirmed by subsequent mentions in more recent publications. While species are listed in modern reference insect literature and record groups in Algeria, we have retained the first reference. Therefore, a total of 340 Noctuidae species are recorded in our country.

Results

This study compiles data from more than 25 publications to present the first updated inventory of Noctuidae species in Algeria. Covering various bioclimatic zones, 340 species are listed according to their current classification, with the regions of occurrence indicated and the corresponding references.

Subfamily Acontiinae Guenée, 1841

- Acontia* Ochsenheimer, 1816
Acontia albicollis Fabricius, 1781
 Bou Saada (Oberthür, 1876).
Acontia biskrensis Oberthür, 1887
 Hoggar Mountains (Rothschild 1915), Tassili n'Ajjer, Bou Saada, Biskra, Ghardaïa, Ouargla, Oued Mya, Touggourt (Koçak & Kemal, 2015).
Acontia lucida (Hufnagel, 1766)
 Algeria (Oberthür, 1876).
Acrobyla Rebel, 1903
Acrobyla kneuckeri (Rebel, 1903)
 Algeria (Koçak & Kemal, 2015).
Armada Staudinger, 1884
Armada panaceorum (Ménétrières, 1849)
 Hoggar and Tassili n'Ajjer (Speidel & Hassler, 1989).
Aedia Hübner, [1823]
Aedia leucomelas (Linnaeus, 1758)
 Staouli (Mouhouche et al. 1996).
Emmelia Hübner, [1821]
Emmelia trabealis (Scopoli, 1763)
 Seb dou, El-Outaya (Oberthür, 1918).
Metopistis Warren, 1913 in Seitz
Metopistis picturata (Rothschild, 1909)
 Mraier, Hoggar Mountains (Rothschild, 1915).
Metopoceras Guenée, 1850
Metopoceras canroberti (Oberthür, 1918)
 El-Outaya (Oberthür, 1918).
Metopoceras codeti Oberthür, 1881
 Alegria (Culot, 1909).
Metopoceras khalildja (Oberthür, 1884)
 Algeria (Culot, 1909).
Metopoceras omar (Oberthür, 1887)
 Hoggar Mountains (Rothschild, 1915).

Subfamily Acronictinae Heinemann, 1859

- Acronicta* Ochsenheimer, 1816
Acronicta albovenosa (Goeze, 1781)
 Mitidja (Barkou et al. 2017).
Acronicta euphorbiae ([Denis & Schiffermüller], 1775)
 Algeria (Koçak & Kemal, 2015).
Acronicta rumicis (Linnaeus, 1758)
 Seb dou (Oberthür, 1918). In North Africa ssp. *pallida* Rothschild, 1920 (Rothschild, 1920).
Acronicta tridens ([Denis & Schiffermüller], 1775)
 Lambese, Djebel-Aures (Oberthür, 1918).
Craniophora Snellen, 1867

Craniophora pontica (Staudinger, 1879)

Algeria (Culot, 1909). In North Africa ssp. *navasi* Boursin, 1935, Batna, Sebdou (Koçak & Kemal, 2015).

Subfamily Amphipyridae Guenée, 1837

Amphipyra Ochsenheimer, 1816

Amphipyra berbera Rungs, 1949

Algeria (Koçak & Kemal, 2015).

Amphipyra pyramidea (Linnaeus, 1758)

Aflou, Lambese (Oberthür, 1918).

Amphipyra tetra (Fabricius, 1787)

Aflou, Lambese (Oberthür, 1918).

Amphipyra tragopoginis (Clerck, 1759)

Hammam R'hira (Koçak & Kemal, 2015).

Bryonycta Boursin, 1955

Bryonycta pineti (Staudinger, 1859)

Oued Nca (Koçak & Kemal, 2015).

Subfamily Bagisarinae Crumb, 1956

Xanthodes Guenée, 1852 in Boisduval & Guenée

Xanthodes albago (Fabricius, 1794)

Collo (Oberthür, 1876).

Subfamily Bryophilinae Guenée, 1852

Bryophila Treitschke, 1825

Bryophila aerumna Culot, 1912

Sidi-Bel-Abbes, El Bayadh, Sebdou (Koçak & Kemal, 2015).

Bryophila domestica (Hufnagel, 1766)

Theniet El Had (Kacha et al. 2017).

Bryophila microglossa (Rambur, 1858)

Sebdou (Oberthür, 1918).

Bryophila raptricula ([Denis & Schiffermüller], 1775)

Sebdou (Oberthür, 1918).

Bryophila ravula (Hübner, [1813])

Sidi-Bel-Abbes, Batna (Koçak & Kemal, 2015).

Bryophila schwingenschussi (Boursin, 1954)

Bone (Vargas-Rodríguez et al. 2020).

Cryphia Hübner, [1818]

Cryphia algae (Fabricius, 1775)

Mitidja (Barkou et al. 2017).

Cryphia antias (Culot, 1912)

Sebdou (Oberthür, 1918).

Cryphia bilineata (Rothschild, 1914)

Aflou, Lambese (Oberthür, 1918).

Cryphia pallida (Bethune-Baker, 1894)

Sidi-Bel-Abbes, Batna, Oran, Sebdou (Koçak & Kemal, 2015).

Cryphia simulatricula (Guenée, 1852)

Algeria (Culot, 1909).

Victrix Staudinger, 1879 in Romanoff

Victrix microglossa (Rambur, 1858)

Sidi-Bel-Abbes, Aflou, Guelt-es-Stel (Koçak & Kemal, 2015).

Victrix moureia (Orfila & Rossi, 1956)

Sidi-Bel-Abbes, Aflou, Guelt-es-Stel (Koçak & Kemal, 2015).

Victrix precisa (Warren, 1909)

Sebdou (Oberthür, 1918).

Subfamily Cuculliinae Herrich-Schäffer, 1850

Cucullia Schrank, 1802

Cucullia nokra (Rungs, 1951)

Lambese, Sebdou (Oberthür, 1918).

Cucullia biskrana Oberthür, 1918

Biskra (Oberthür, 1918).

Cucullia calendulae Treitschke, 1835

Biskra, Lambese, Sebdou (Oberthür, 1918).

Cucullia chamomillae ([Denis & Schiffermüller], 1775)

Sidi-Bel-Abbes, Tlemcen (Koçak & Kemal, 2015).

Cucullia melanoglossa (Berio, 1934)

Hoggar and Tassili n' Ajjer (Speidel & Hassler, 1989).

Cucullia santolinae Rambur, 1834

Hoggar Mountains (Rothschild, 1915).

Cucullia syrtana Mabille, 1888

Hoggar Mountains (Rothschild, 1915).

Cucullia oberthuri (Culot, 1910)

Sidi-Bel-Abbes, Batna, Khenchela, kanatra, Lambese (Koçak & Kemal, 2015).

Cucullia tanacetii ([Denis & Schiffermüller], 1775)

Sebdou (Koçak & Kemal, 2015).

Shargacucullia Ronkay & Ronkay, 1992

Shargacucullia reisseri Boursin 1933

Sebdou, Lambese (Oberthür, 1918).

Shargacucullia verbasci oberthuri (Rothschild, 1911)

Bou Saada (Poole, 1989).

Hypomecia Staudinger, 1897

Hypomecia quadrivirgula Mabille, 1888

Batna, Aflou, Lambese, Biskra (Oberthür, 1918)

Recophora Nye, 1975

Recophora canteneri (Duponchel, 1833)

Bou Saada, Collo, Guelt-es-Stel (Koçak & Kemal, 2015).

Subfamily Eriopinae Herrich-Schäffer, 1851

Callopietria Hübner, [1821]

Callopietria latreillei (Duponchel, 1827)

Bou Saada, Guelt-es-Stel, Sebdou (Koçak & Kemal, 2015).

Subfamily Eustrotiinae Grote, 1882

Deltote Reichenbach, 1817

Deltote pygarga (Hufnagel, 1766)

Forests (oak and cedar) of Algeria (Chambon et al. 1992).

Ozarba Walker, 1865

Ozarba diaphora Berio, 1937

Hoggar Mountains (Rothschild, 1915)(Rothschild 1915).

Thaleraetria Staudinger, 1898

Thalerastria diaphora (Staudinger, 1878)

El-Outaya (Oberthür, 1918) - perhaps *T. lehmanni* Hoppe & Fibiger, 2009.

Subfamily Hadeninae Guenée, 1837

Brithys Hübner, [1821]

Brithys crini (Fabricius, 1775)

Bone (Oberthür, 1876).

Crosia Dupont, 1910

Crosia hachem Dupont, 1910

Mascara (Dupont, 1910).

Eremopola Warren, 1911 in Seitz

Eremopola orana (Lucas, 1849)

Algeria (Poole, 1989).

Eremopola faroulti (Rothschild, 1920)

Bou Saada, Constantine, Guelt-es-Stel (Koçak & Kemal, 2015).

Hadena Schrank, 1802

Hadena confusa (Hufnagel, 1766)

Forests (oak and cedar) of Algeria (Chambon et al. 1992).

Hadena compta ([Denis & Schiffermüller], 1775)

Guelt-es-Stel (Oberthür, 1918), ssp. *almoravida* Hacker, 1996.

Hadena magnolii (Boisduval, 1828)

El-Kantara, Lambese (Oberthür, 1918).

Hadena perplexa ([Denis & Schiffermüller], 1775)

El-Outaya, Bone (Oberthür, 1918).

Hadena silenides (Staudinger, 1895)

Bou Saada, Biskra, Guelt-es-Stel, Boghari (Oberthür, 1918).

Hadena silenes (Hübner, [1822])

Sidi-Bel-Abbes, Souk Ahras (Koçak & Kemal, 2015).

Hadena sancta (Staudinger, 1859)

Aflou, Guelt-es-Stel, Lambese (Oberthür, 1918).

Hecatera Guenée, 1852

Hecatera bicolorata (Hufnagel, 1766)

Bou Saada, Biskra (Koçak & Kemal, 2015).

Hecatera cappa (Hübner, [1809])

Sidi-Bel-Abbes (Koçak & Kemal, 2015).

Hecatera dysodea ([Denis & Schiffermüller], 1775)

Geryville, Aflou, El-Outaya (Oberthür, 1918), ssp. *khala* (Rungs, 1972).

Hecatera weissii (Draudt, 1934)

Algeria (Koçak & Kemal, 2015).

Lacanobia Billberg, 1820

Lacanobia aliena (Hübner, [1809])

Ziban Oasis, Biskra (Deghiche-Diab et al. 2015).

Lacanobia olearacea (Linnaeus, 1758)

Staoueli (Mouhouche et al. 1996).

Leucania Ochsenheimer, 1817

Leucania comma (Linnaeus, 1761)

Bone (Oberthür, 1918).

Leucania loreyi (Duponchel, 1827)

Bou Saada, Collo (Oberthür, 1918).

Leucania obsoleta (Hübner, [1803])

Ouargla, Biskra (Bouras, 2019).

Leucania palaestinae (Staudinger, 1897)

- Algeria (Oberthür, 1918).
Leucania punctosa (Treitschke, 1825)
 Algeria (Oberthür, 1918).
Leucania putrescens (Hübner, [1824])
 Bone (Oberthür, 1876).
Leucania zaeae (Duponchel, 1828)
 Algeria (Fibiger et al. 2006).
Nereisana Strand, 1911
Nereisana oranaria (Lucas, 1849)
 Algeria (Poole, 1989).
Mamestra Ochsenheimer, 1816
Mamestra alpigena (Culot, 1909)
 Algeria (Culot, 1909).
Melanchra Hübner, [1820]
Melanchra persicariae (Linnaeus, 1761)
 Aflou, Batna, Lambese (Koçak & Kemal, 2015).
Mythimna Ochsenheimer, 1816
Mythimna algerica (Oberthür, 1918)
 Batna, Hammam R'hira (Koçak & Kemal, 2015).
Mythimna ferrago (Fabricius, 1787)
 Sidi-bel Abbès, Sebdom, Setif (Koçak & Kemal, 2015).
Mythimna albipuncta ([Denis & Schiffermüller], 1775)
 Lambese, Djebel-Aures (Oberthür, 1918).
Mythimna congrua (Hübner, [1817])
 Lambese (Oberthür, 1918).
Mythimna l-album (Linnaeus, 1767)
 Bone (Oberthür, 1876).
Mythimna riparia (Rambur, 1829)
 Sidi-Bel-Abbes, Batna, Ain Safra (Koçak & Kemal, 2015).
Mythimna sicula (Treitschke, 1835)
 Hoggar and Tassili n'Ajjer (Speidel & Hassler, 1989).
Mythimna unipuncta (Haworth, 1809)
 Forests (oak and cedar) of Algeria (Chambon et al. 1992).
Mythimna vitellina (Hübner, [1808])
 Algeria (Boisduval & Guenée, 1852).
Orthosia Ochsenheimer, 1816
Orthosia boursini (Rungs, 1972)
 Tarf (Oberthür, 1918).
Orthosia cruda ([Denis & Schiffermüller], 1775)
 Lambese (Oberthür, 1918).
Orthosia gothica (Linnaeus, 1758)
 Ziban Oasis, Biskra (Deghiche-Diab et al. 2015).
Pachetra Guenée, 1841
Pachetra sagittigera (Hufnagel, 1766)
 Lambese (Oberthür, 1918), ssp. *melanophaea* Zerny, 1934.
Leucochlaena Hampson, 1906
Leucochlaena oditis (Hübner, [1822])
 Geryville, Lambese, El-Kantara, Guelt-es-Stel (Oberthür, 1918).
Pseudopanolis Inaba, 1927
Pseudopanolis puengeleri (Standfuss, 1912)
 Theniet El Had (Kacha et al. 2017).
Saragossa Staudinger, 1900

- Saragossa seeboldi* (Staudinger, 1900)
Sebdou, Lambese (Oberthür, 1918).
Sideridis Hübner, [1821]
Sideridis implexa (Hübner, [1809])
Algeria (Poole, 1989).
Thargelia Pungeler, 1899
Thargelia gigantea (Rebel, 1909)
Hoggar Mountains (Rothschild, 1915).
Anarta Ochsenheimer, 1816
Anarta dianthi (Rungs, 1942)
Hoggar and Tassili n'Ajjer (Speidel & Hassler, 1989).
Anarta pugnax (Hübner, [1824])
Hoggar Mountains (Rothschild, 1915).
Anarta sodae (Oberthür, 1918)
Biskra, Geryville, El-Outaya, Bone (Oberthür, 1918).
Anarta trifolii (Hufnagel, 1766)
Hoggar Mountains (Rothschild, 1915).
Episema Ochsenheimer, 1816
Episema glaucina (Esper, 1789)
Bone (Oberthür, 1918).
Episema scillae (Chrétien, 1888)
Theniet El Had (Kacha et al. 2017).
Episema tersa ([Denis & Schiffermüller], 1775)
Sidi-Bel-Abbes, Aflou Batna (Koçak & Kemal, 2015).
Episema haemapasta (Hampson, 1914)
Algeria (Culot, 1909).
Ulochlaena Lederer, 1857
Ulochlaena hirta (Hübner, [1813])
Batna, Lambese, Sebdou, Aflou, Baïou, (Oberthür, 1918).

Subfamily Heliiothinae Boisduval, 1828

- Chazaria* Moore, 1881
Chazaria incarnata (Freyer, 1838)
Lambese (Oberthür, 1876).
Helicoverpa Hardwick, 1965
Helicoverpa armigera (Hübner, [1808])
Lambese (Oberthür, 1876).
Helicoverpa zea (Boddie, 1850)
Ouargla, Biskra (Bouras, 2019).
Heliothis Ochsenheimer, 1816
Heliothis nubigera (Herrich-Schäffer, 1851)
Guelt-es-Stel (Rothschild, 1914).
Heliothis peltigera ([Denis & Schiffermüller], 1775)
Guelt-es-Stel (Rothschild, 1914).
Heliothis viriplaca (Hufnagel, 1766)
Lambese, Djebel-Aures, Sebdou (Oberthür, 1876).
Periphanes Hübner, [1821]
Periphanes delphinii (Linnaeus, 1758)
El-Hacaïba, Sebdou, Aflou (Oberthür, 1918).
Schinia Hübner, [1818]
Schinia chanzyi (Oberthür, 1876)
Guelt-es-Stel (Rothschild, 1914).

Timora Walker, 1856
Timora albida (Hampson, 1905)
 Hoggar Mountains (Rothschild, 1915).

Subfamily Metoponiinae Herrich-Schäffer, 1851

Aegle Hübner, [1823]
Aegle exsiccata (Warren & Rothschild, 1905)
 Hoggar and Tassili n'Ajjer (Speidel & Hassler, 1989).
Aegle semicana (Esper, 1798)
 Sidi-Bel-Abbes, Djebel Zaccar, Hammam Mekoutine (Koçak & Kemal, 2015).
Alvaradoia Agenjo, 1984
Alvaradoia deserti (Oberthür, 1918)
 Sebdou, El-Outaya (Oberthür, 1918).
Synthymia Hübner, [1823]
Synthymia fixa (Fabricius, 1787)
 Sebdou (Oberthür, 1876).
Tyta Billberg, 1820
Tyta luctuosa ([Denis & Schiffermüller], 1775)
 Staoueli (Mouhouche et al. 1996).

Subfamily Noctuinae Latreille, 1809

Actebia Stephens, 1829
Actebia photophila (Guenée, 1852)
 El Maïn (Oberthür, 1876).
Agrotis Ochsenheimer, 1816
Agrotis biconicus (Kollar, 1844)
 Sidi-Bel-Abbes, Bou Saada, Blida, Biskra (Koçak & Kemal, 2015).
Agrotis bigramma (Esper, 1790)
 Sebdou, Lambese, Aflou (Oberthür, 1876).
Agrotis eos (Oberthür, 1919)
 Guelt-es-Stel (Rothschild, 1914).
Agrotis haifae (Staudinger, 1897)
 Algeria (Koçak & Kemal, 2015).
Agrotis herzogi (Rebel, 1911)
 Tassili n'Ajjer (Rungs, 1958b).
Agrotis ipsilon (Hufnagel, 1766)
 Hoggar Mountains (Rothschild, 1915).
Agrotis lata (Treitschke, 1835)
 Forests (oak and cedar) of Algeria (Chambon et al. 1992).
Agrotis lasserrei (Oberthür, 1881)
 Batna, El-Kantara, Sebdou (Oberthür, 1918).
Agrotis obesa (Boisduval, 1829)
 Algeria (Boisduval & Guenée, 1852).
Agrotis puta (Hübner, [1808])
 Biskra, Geryville, Aflou, Lambese (Oberthür, 1918).
Agrotis rotroi (Rothschild, 1920)
 Sidi-Bel-Abbes, Bou Saada, Blida (Koçak & Kemal, 2015).
Agrotis saucia (Oberthür, 1918)
 Geryville (Oberthür, 1918).
Agrotis segetum ([Denis & Schiffermüller], 1775)
 Guelt-es-Stel (Rothschild, 1914).

- Agrotis biconica* (Kollar, 1844)
Hoggar Mountains (Rothschild, 1915).
- Agrotis trux* (Hübner, [1824])
Guelt-es-Stel (Rothschild, 1914).
- Anchoscelis* Guenée, 1839
- Anchocelis haematidea* (Duponchel, 1827)
Alger (Oberthür, 1876).
- Anchocelis litura* (Linnaeus, 1761)
Lambese (Oberthür, 1918).
- Anchocelis lunosa* (Haworth, 1809)
Sebdou, Aflou, Geryville (Oberthür, 1918).
- Anchocelis nitida* ([Denis & Schiffermüller], 1775)
Lambese (Oberthür, 1918).
- Anchocelis pistacina* (Oberthür, 1918)
Lambese (Oberthür, 1918).
- Anchocelis rufina* (Oberthür, 1918)
Lambese (Oberthür, 1918).
- Archaonara dissoluta* (Treitschke, 1825)
Hammam Meskoutine, Hammam R'hia (Koçak & Kemal, 2015)
- Cerastis Ochseneheimer*, 1816
- Cerastis faceta* (Treitschke, 1835)
Algeria (Fibiger & Hacker, 2005)
- Cerastis sebdouensis* (Oberthür, 1918)
Aflou (Oberthür, 1918)
Conistra staudigeri sebdouensis (Austaut, 1880).
- Cerastis silene* (Oberthür, 1918)
Lambese (Oberthür, 1918).
- Cerastis veronicae* (Oberthür, 1918)
Lambese (Oberthür, 1918)
- Chersotis* Boisduval, 1840
- Chersotis margaritacea* (Villers, 1789)
Lambese (Oberthür, 1918)
- Cirrhia* Hübner, [1821]
- Cirrhia austauti* Oberthür, 1881
Sebdou (Koçak & Kemal, 2015)
- Dichagyris* Lederer, 1857
- Dichagyris celsicola* (Bellier, 1859)
Djebel-Gueddelane, Lambese (Oberthür, 1918)
- Dichagyris constanti* (Millière, 1860)
Guelt-es-Stel (Rothschild, 1914).
- Dichagyris fidelis* (Joannis, 1903)
Guelt-es-Stel, Lambese, Aflou, Djebel-Aures (Oberthür, 1918), ssp. *kaaba* Oberthür, 1918.
- Dichagyris flammatra* ([Denis & Schiffermüller], 1775)
Guelt-es-Stel (Rothschild, 1914).
- Dichagyris imperator* (Bang-Haas, 1912)
Tassili n'Ajjer (Rungs, 1958b).
- Dichagyris mansoura* (Chrétien, 1911)
Guelt-es-Stel (Koçak & Kemal, 2015).
- Dichagyris melanura* (Kollar, 1846)
Ouargla, Biskra (Bouras, 2019).
- Epilecta* Hübner, [1821]
- Epilecta linogrisea* ([Denis & Schiffermüller], 1775)
Khenchela (Oberthür, 1918).

- Epipsilia* Hübner, [1821]
Epipsilia cervantes (Reisser, 1935)
 Algeria (Koçak & Kemal, 2015), ssp. *pseudolatens* (Schwingenschuss, 1935).
Eucoptocnemis Grote, 1874
Eucoptocnemis optabilis (Boisduval, 1837)
 Algeria (Culot, 1909).
Euxoa Hübner, [1821]
Euxoa aquilina ([Denis & Schiffermüller], 1775)
 Biskra (Oberthür, 1876).
Euxoa canariensis (Rebel, 1902)
 Algeria (Culot, 1909).
Euxoa christophi (Staudinger, 1870)
 Guelt-es-Stel (Rothschild, 1914)
Euxoa cos (Hübner, [1824])
 Lambese (Oberthür, 1918).
Euxoa distinguenda (Lederer, 1857)
 Lambese (Oberthür, 1918).
Euxoa doufanae (Oberthür, 1918)
 Djebel Aurès (Oberthür, 1918).
Euxoa hastifera (Donzel, 1848)
 Lambese, Geryville (Oberthür, 1918), ssp. *marocana* Boursin, 1950
Euxoa hodnae (Rothschild, 1914)
 Guelt-es-Stel (Rothschild, 1914).
Euxoa messaouda (Rothschild, 1914)
 Guelt-es-Stel (Rothschild, 1914).
Euxoa muriicolor (Rothschild, 1914)
 Guelt-es-Stel (Rothschild, 1914).
Euxoa obelisca ([Denis & Schiffermüller], 1775)
 Sebdou, Batna, Aflou, Lambese (Oberthür, 1918).
Euxoa powelli (Oberthür, 1912)
 Algeria (Oberthür, 1918).
Euxoa radius (Rothschild, 1914)
 Guelt-es-Stel (Rothschild, 1914).
Euxoa noctambulatrix (Rothschild, 1914)
 Guelt-es-Stel (Rothschild, 1914).
Euxoa rugifrons (Mabille, 1888)
 Guelt-es-Stel (Rothschild, 1914).
Euxoa temera (Hübner, [1808])
 Algeria (Poole, 1989), ssp. *perambulans* Corti, 1931
Euxoa tritici (Linnaeus, 1761)
 Algeria (Koçak & Kemal, 2015).
Euxoa wagneri (Corti, 1926)
 Algeria (De Vrieze, 2003).
Noctua Linnaeus, 1758
Noctua comes (Hübner, [1813])
 Staoueli (Mouhouche et al. 1996).
Noctua janthina ([Denis & Schiffermüller], 1775)
 Bone (Oberthür, 1876).
Noctua orbona (Hufnagel, 1766)
 Guelt-es-Stel (Rothschild, 1914).
Noctua pronuba (Linnaeus, 1758)
 Guelt-es-Stel (Rothschild, 1914).
Ochropleura Hübner, [1821]

- Ochropleura leucogaster* (Freyer, 1831)
Forests (oak and cedar) of Algeria (Chambon et al. 1992).
- Peridroma* Hübner, [1821]
- Peridroma saucia* (Hübner, [1808])
Mitidja (Barkou et al. 2017).
- Rhyacia* Hübner, [1821]
- Rhyacia simulans* (Hufnagel, 1766)
Guelt-es-Stel (Rothschild, 1914).
- Standfussiana* Boursin, 1946
- Standfussiana nictymera* (Boisduval, 1837)
Bone (Oberthür, 1918).
- Xestia* Hübner, [1818]
- Xestia c-nigrum* (Linnaeus, 1758)
Sebdou, Algiers (Oberthür, 1918).
- Xestia kermesina* (Mabille, 1869)
Aflou (Oberthür, 1918).
- Xestia nisseni* (Rothschild, 1912)
Guelt-es-Stel (Rothschild, 1914).
- Xestia xanthographa* ([Denis & Schiffermüller], 1775)
Guelt-es-Stel (Rothschild, 1914).

Subfamily *Oncocnemidinae* Forbes & Franclemont, 1954

- Amephana* Hampson, 1906
- Amephana aurita* (Fabricius, 1787)
Bou Saada, Guelt-es-Stel, Aflou, Khenchela (Oberthür, 1918).
- Amephana warionis* (Oberthür, 1876)
Oued-Djeddi, Bou Saada, El-Outaya (Oberthür, 1918).
- Brachygalea* Hampson, 1906
- Brachygalea albolineata* (Blachier, 1905)
Biskra (Oberthür, 1918).
- Calophasia* Stephens, 1829
- Calophasia almoravida* (Graslin, 1863)
Bone, Lambese (Oberthür, 1918).
- Calophasia angularis* (Chrétien, 1911)
Hoggar and Tassili n'Ajjer (Speidel & Hassler, 1989).
- Calophasia opalina* (Esper, 1794)
Collo (Oberthür, 1876).
- Calophasia platyptera* (Esper, 1788)
Biskra (Oberthür, 1918).
- Cleonymia* Berio, 1966
- Cleonymia baetica* (Rambur, 1837)
Geryville, Aflou, Guelt-es-Stel, El Outaya, Lambese (Oberthür, 1918).
- Cleonymia chabordis* (Oberthür, 1876)
Hoggar Mountains (Rothschild, 1915).
- Cleonymia fatima* (A. Bang-Haas, 1907)
Hoggar Mountains (Rothschild, 1915).
- Cleonymia jubata* (Oberthür, 1890)
Ain Safra, Sebdou (Koçak & Kemal, 2015).
- Cleonymia marocana* (Staudinger, 1901)
Sebdou (Koçak & Kemal, 2015).
- Cleonymia pectinicornis* (Staudinger, 1859)
Collo (Oberthür 1876), ssp. *youngi*.

- Cleonymia vaulogeri* (Staudinger, 1900)
Hoggar and Tassili n'Ajjer (Speidel & Hassler, 1989).
- Epimecia* Guenée, 1839
- Epimecia nelvai* (Rothschild, 1920)
Batna, El kantara (Koçak & Kemal, 2015).
- Lithophasia* Staudinger, 1892
- Lithophasia quadrivirgula* (Mabille, 1888)
Bou Saada, Guelt-es-Stel (Koçak & Kemal, 2015).
- Lophoterges* Hampson, 1906
- Lophoterges atlas* Ronkay, 2005
Khenchela, Lambese (Oberthür, 1918).
- Omia* Hübner, [1821]
- Omia cyclopea* (Graslin, 1837)
Djebel-Aures, Lambese (Oberthür, 1876).
- Omia oberthueri* Allard, 1867
Lambese (Oberthür, 1876).
- Omphalophana* Hampson, 1906
- Omphalophana pauli* (Staudinger, 1892)
Aflou, El-Outaya, Guelt-es-Stel (Oberthür, 1918).
- Omphalophana serrata* (Treitschke, 1835)
Khenchela, Lambese, Bone (Oberthür, 1918).
- Metopoceras* Guenée, 1850
- Metopoceras felicina* (Donzel, 1844)
Bou Saada, Hammam Mekoutine, Oran (Koçak & Kemal, 2015).
- Rabinopteryx* Christoph, 1889
- Rabinopteryx subtilis* (Mabille, 1888)
Hoggar Mountains (Rothschild, 1915).
- Stilbia* Stephens, 1829
- Stilbia algerica* (Culot, 1914)
Lambese (Oberthür, 1918).
- Stilbia nisseni* (Stertz, 1914)
Guelt-es-Stel (Koçak & Kemal, 2015).
- Stilbia turatii* (Lucas, 1910)
Lambese (Oberthür, 1918).
- Stilbina* Staudinger, [1892]
- Stilbina numida* (Oberthür, 1890)
Guelt-es-Stel, Aflou Biskra (Oberthür, 1918).
- Teinoptera* Calberla, 1891
- Teinoptera culminifera* (Calberla, 1891)
Hoggar and Tassili n'Ajjer (Speidel & Hassler, 1989).
- Teinoptera gafsana* (Blachier, 1905)
Hoggar and Tassili n'Ajjer (Speidel & Hassler, 1989).

Subfamily Raphiinae Beck, 1996

- Raphia* Hübner, [1821]
- Raphia hybris* (Hübner, [1813])
Sidi-bel-Abbas (Koçak & Kemal, 2015).

Subfamily Plusiinae Boisduval, 1828

- Abrostola* Ochsenheimer, 1816
- Abrostola triplasia* (Linnaeus, 1758)

- Collo (Oberthür, 1876).
Autographa Hübner, [1821]
Autographa gamma (Linnaeus, 1758)
Algeria (Oberthür, 1876).
Chrysodeixis Hübner, [1821]
Chrysodeixis chalcites (Esper, 1789)
Lambese (Oberthür, 1918).
Ctenoplusia Dufay, 1970
Ctenoplusia accentifera (Lefèbvre, 1827)
Sidi-bel-Abbas Batna (Koçak & Kemal, 2015).
Diachrysia Hübner, [1821]
Diachrysia chrysitis (Linnaeus, 1758)
Bone (Oberthür, 1876).
Plusia Ochseneimer, 1816
Plusia festucae (Linnaeus, 1758)
Bone (Oberthür, 1876).
Thysanoplusia Ichnosé, 1973
Thysanoplusia daubei (Boisduval, 1840)
Biskra, Geryville (Oberthür, 1918).
Thysanoplusia orichalcea (Fabricius, 1775)
Mitidja (Barkou et al. 2017).
Trichoplusia McDunnough, 1944
Trichoplusia ni (Hübner, [1803])
Hoggar Mountains (Rothschild, 1915).

Subfamily Psaphidinae Grote, 1896

- Allophytes* Tams, 1942
Allophytes powelli Rungs, 1952
Lambese (Oberthür, 1918).
Azenia Grote, 1882
Azenia templetonae (Clarke, 1937)
Ouargla, Biskra (Bouras, 2019).
Xylocampa Guenée, 1837
Xylocampa mustapha (Oberthür, 1910)
Blida, Gueltes Stel, Lambese (Koçak & Kemal, 2015).
Valeria Stephens, 1829
Valeria oleagina ([Denis & Schiffermüller], 1775)
Lambese (Oberthür, 1918).

Subfamily Xyleninae Guenée, 1837

- Actinotia* Hübner, [1821]
Actinotia polyodon (Clerck, 1759)
Djebel-Aures, Lambese (Oberthür, 1918).
Ammopolia Boursin, 1955²
Ammopolia witzemanni (Standfuss, 1890)
Batna, Gueltes Stel, (Koçak & Kemal, 2015).
Amphipoea Billberg, 1820
Amphipoea oculea (Linnaeus, 1761)
Batna (Oberthür, 1918)(Oberthür 1918).
Apamea Ochseneimer, 1816
Apamea alpigena (Boisduval, 1837)

- Lambès Djebel-Aures, (Oberthür, 1918).
Apamea arabs (Oberthür, 1881)
 Algeria (Culot, 1909).
Apamea maroccana (Zerny, 1934)
 Bou Saada, Batna, Gueltes Stel (Koçak & Kemal, 2015).
Apamea syriaca (Osthelder, 1933)
 Algeria (Koçak & Kemal, 2015).
Anthracia Hübner, [1823]
Anthracia ephialtes (Hübner, [1822])
 Sidi-Bel-Abbes, Sebdu (Koçak & Kemal, 2015).
Aporophyla Guenée, 1841
Aporophyla chioleuca (Herrich-Schäffer, 1850)
 Aflou, Blida, Hammam R'hia (Koçak & Kemal, 2015).
Aporophyla nigra (Haworth, 1809)
 Sidi-Bel-Abbes, Aflou, Biskra (Koçak & Kemal, 2015).
Atethmia Hübner, [1821]
Atethmia algerica (Culot, 1914)
 Sidi-Bel-Abbes, Batna (Koçak & Kemal, 2015).
Ariathisa Walker, 1865
Ariathisa abyssinia (Guenée, 1852)
 Biskra (Koçak & Kemal, 2015).
Leptologia Prout, 1901
Leptologia lota (Clerck, 1759)
 Aflou, Lambese, Geryville (Oberthür, 1918).
Leptologia macilenta (Hübner, [1809])
 Aflou (Koçak & Kemal, 2015), perhaps it is *A. blidaensis*
Parabrachyloomia Hacker, 1990
Parabrachyloomia chretieni (Rothschild, 1914)
 Algeria (Poole, 1989).
Caradrina Ochseneheimer, 1816
Caradrina armeniaca (Boursin, 1936)
 Algeria (Koçak & Kemal, 2015).
Caradrina aspersa (Rambur, 1834)
 Guel-tes Stel (Oberthür, 1918).
Caradrina atriluna (Guenée, 1852)
 Hoggar and Tassili n'Ajjer (Speidel & Hassler, 1989).
Caradrina casearia (Staudinger, 1900)
 Geryville (Oberthür, 1918).
Caradrina clavipalpis (Scopoli, 1763)
 Hoggar Mountains (Rothschild, 1915).
Caradrina flava (Oberthür, 1876)
 Hoggar and Tassili n'Ajjer (Speidel & Hassler, 1989).
Caradrina flavirena (Guenée, 1852)
 Aflou, Lambese (Oberthür, 1918).
Caradrina fuscicornis (Rambur, 1832)
 Lambese, Khenchela, Geryville (Oberthür, 1918).
Caradrina germanii (Duponchel, 1835)
 Guel-es-Stel, Aflou (Oberthür, 1918).
Caradrina hispana (Oberthür, 1918)
 Biskra, Geryville, El-Kantara, Sgag, Tinthamam, Djebel-Gueddelane, Khenchela (Oberthür, 1918).
Caradrina ingrata (Staudinger, 1876 in Kalchberg)
 Lambese (Oberthür, 1918).
Caradrina jacobsi (Rothschild, 1914)

- Batna, Guelt-es-Stel (Koçak & Kemal, 2015).
Caradrina kadenii (Freyer, 1836)
Geryville, Batna, Aflou, Bone, Lambese (Oberthür 1918).
Caradrina latebrosa (Oberthür, 1918)
Biskra, El-Outaya (Oberthür, 1918).
Caradrina melanura (Staudinger, 1901)
Ouargla, Biskra (Bouras, 2019).
Caradrina noctivaga (Bellier, 1863)
Sidi-Bel-Abbes, Souk Ahras, Blida (Koçak & Kemal, 2015).
Caradrina oberthuri (Boursin, 1942)
Hoggar and Tassili n'Ajjer (Speidel & Hassler, 1989).
Caradrina proxima (Rambur, 1837)
Algeria (Fibiger et al. 2006).
Caradrina scotoptera (Püngeler, 1914)
Sidi-Bel-Abbes, Batna (Koçak & Kemal, 2015).
Caradrina selini (Boisduval, 1840)
Algeria (Koçak & Kemal, 2015).
Caradrina soudanensis (Hampson, 1918)
Algeria (Koçak & Kemal, 2015).
Caradrina suavis (Oberthür 1918)
Lambese (Oberthür, 1918).
Catamecia Staudinger, 1898
Catamecia jordana (Staudinger, 1898)
Biskra (Oberthür, 1918).
Catamecia mauretanica (Staudinger, 1901)
South Oranaus (Oberthür, 1918).
Catamecia minima (Swinhoe, 1889)
El-Outaya (Oberthür, 1918).
Chortodes Tutt, 1897
Chortodes mabillei (Lucas, 1907)
Algeria (Poole, 1989).
Conistra Hübner, [1821]
Conistra alicia (Lajonquière, 1939)
Algeria (Koçak & Kemal, 2015).
Conistra erythrocephala ([Denis & Schiffermüller], 1775)
Tarf (Oberthür, 1918).
Conistra iana (Zilli & Grassi, 2006)
Algeria (Zilli & Grassi, 2006).
Conistra ligula (Esper, 1791)
Algeria (Zilli & Grassi, 2006).
Conistra staudingeri (Graslin, 1863)
Afou (Koçak & Kemal, 2015), ssp. *rubigo* (Rambur, 1871).
Conistra vaccinii (Linnaeus, 1761)
Algeria (Koçak & Kemal, 2015).
Conistra veronicae (Hübner, [1813])
Algeria (Koçak & Kemal, 2015).
Dichonia Hübner, [1821]
Dichonia aprilina (Linnaeus, 1758)
Theniet El Had (Kacha et al. 2017).
Dryobota Lederer, 1857
Dryobota labecula (Esper, 1788)
Lambese (Oberthür, 1876).
Dryobota roboris (Boisduval, 1828)

- Lambese (Oberthür, 1918).
Dryobotodes Warren, 1910 in Seitz
Dryobotodes eremita (Fabricius, 1775)
 Lambese, Sebduou (Oberthür, 1918).
Dryobotodes monochroma (Esper, 1790)
 Batna, Guelt-es-Stel (Koçak & Kemal 2015).
Dryobotodes tenebrosa (Esper, 1789)
 Sebduou, Lambese (Oberthür, 1918).
Enargia Hübner, [1821]
Enargia jordani (Rothschild, 1920)
 Souk Ahras (Koçak & Kemal, 2015).
Eremohadena Ronkay, Varga & Fábíán, 1995
Eremohadena chenopodiphaga erubescens (Staudinger, 1901)
 Afrou, Djebel-Aures, Biskra, Geryville, Guelt-es-Stel (Oberthür, 1918).
Eremohadena roseonitens (Oberthür, 1887)
 Biskra, El-Outaya, Afrou, Lambese (Oberthür, 1918).
Eremotrachea Hacker, 2001
Eremotrachea bacheri (Pungeler, 1901)
 Algeria (Rungs, 1942).
Euplexia Stephens, 1829
Euplexia lucipara (Linnaeus, 1758)
 Collo (Oberthür, 1876).
Globia Fibiger, Zilli, Ronkay & Goldstein, 2009 in Zilli, Varga, Ronkay & Ronkay
Globia algae (Esper, 1789)
 Mitidja (Barkou, Benzehra et al., 2017).
Gortyna Ochsenheimer, 1816
Gortyna rungsi (Boursin, 1963)
 Algeria (Poole, 1989).
Gortyna xanthenes (Germar, 1842)
 Algeria (Culot, 1909)
Heterographa Staudinger, 1877
Heterographa puengeleri (Bartel, 1904)
 Tassili n'Ajjer, Blida (Koçak & Kemal, 2015)
Hoplodrina Boursin, 1937
Hoplodrina ambigua ([Denis & Schiffermüller], 1775)
 Lambese, Batna, Djebel-Aures (Oberthür, 1918)
Hoplodrina octogenaria (Goeze, 1781)
 Bone (Oberthür, 1876)
Lithophane Hübner, [1821]
Lithophane leautieri (Boisduval, 1829)
 Afrou, Lambese (Oberthür, 1918), ssp. *ochreimacula* Rothschild, 1914.
Lithophane semibrunnea (Haworth, 1809)
 Khenchela, Batna, Lambese (Oberthür 1918), ssp. *wiltshirei* Boursin, 1962
Luperina Boisduval, 1829
Luperina dayensis (Oberthür, 1881)
 Afrou, Batna, Geryville (Oberthür, 1918)
Luperina diversa (Staudinger, 1892)
 Batna (Culot, 1909).
Luperina dumerilii (Duponchel, 1826)
 Afrou, Geryville (Oberthür, 1918)
Luperina nickerlii (Freyer, 1845)
 Batna, Lambese, Khenchela (Oberthür, 1918)
Luperina powelli (Culot, 1912)

- Geryville, Aflou (Oberthür 1918).
Luperina rubella (Duponchel, 1837)
 Bone (Oberthür 1876).
Luperina testacea ([Denis & Schiffermüller], 1775)
 Aflou, Guelt-es-Stel (Koçak & Kemal, 2015).
Mesapamea Heinicke, 1959
Mesapamea secalis (Linnaeus, 1758)
 Sidi-Bel-Abbes, Batna, Setif (Koçak & Kemal, 2015).
Mesoligia Boursin, 1965
Mesoligia furuncula ([Denis & Schiffermüller], 1775)
 Sidi-Bel-Abbes (Koçak & Kemal, 2015).
Mesoligia literosa (Haworth, 1809)
 Aflou (Oberthür, 1918)
Mniotype Franclemont, 1941
Mniotype solieri (Boisduval, 1829)
 Collo (Oberthür, 1876)
Mormo Ochsenheimer, 1816
Mormo maura (Linnaeus, 1758)
 Sebdou, Khenchela, Aflou, Batna (Oberthür, 1918).
Nonagria Ochsenheimer, 1816
Nonagria typhae (Thunberg, 1784)
 Forests (oak and cedar) of Algeria (Chambon, Khouss et al., 1992).
Omphaloscelis Hampson, 1906
Omphaloscelis polybela (Joannis, 1903)
 Sidi-bel-Abbas, Batna (Koçak & Kemal, 2015).
Oligia Hübner, [1821]
Oligia faroulti (Rothschild, 1914)
 Guelt-es-Stel (Rothschild, 1914).
Olivenebula Kishida & Yoshimoto, 1977
Olivenebula xanthochloris (Boisduval, 1840)
 Algeria (Culot, 1909).
Oria Hübner, [1821]
Oria muscosa (Hübner, [1808])
 Alger, Lambese, Aflou (Oberthür, 1918).
Phlogophora Treitschke, 1825
Phlogophora meticulosa (Linnaeus, 1758)
 Batna, DjebelAurès (Oberthür, 1918).
Photedes Lederer, 1857
Photedes dulcis (Oberthür, 1918)
 Djebel-Amour (Oberthür, 1918).
Photedes deserticola (Staudinger, 1900)
 Biskra (Oberthür, 1918).
Polymixis Hübner, [1820]
Polymixis rungsi Plante, 1975
 Algeria (Société entomologique de France, 1916).
Polymixis flavicincta ([Denis & Schiffermüller], 1775)
 Oran, Khenchela, Batna, Aflou (Oberthür 1918), ssp. *laportei* Plante, 1975.
Polymixis germana (Rothschild, 1914)
 Guelt-es-Stel (Oberthür, 1918).
Polymixis lichenea (Hübner, [1813])
 Bone, Lambese, Batna (Oberthür, 1918).
Polymixis sublutea (Turati, 1909)
 Algeria (Poole, 1989).

- Proxenus* Herrich-Schäffer, 1850
Proxenus hospes (Freyer, 1831)
 Ouargla, Biskra (Bouras, 2019)
Pseudenargia Boursin, 1956
Pseudenargia ulicisalgirica (Culot, 1914)
 Batna, Lambese (Oberthür, 1918)
Sesamia Guenée, 1852 in Boisduval & Guenée
Sesamia cretica (Lederer, 1857)
 Sebdou (Koçak & Kemal, 2015).
Sesamia nonagrioides (Lefebvre, 1827)
 Collo (Oberthür, 1876).
Spodoptera Guenée, 1852 in Boisduval & Guenée
Spodoptera exigua (Hübner, [1808])
 Oran (Oberthür, 1881)
Spodoptera littoralis (Boisduval, 1833)
 El-Outaya (Oberthür, 1918)
Spudaea Snellen, 1867
Spudaea ruticilla (Esper, 1791)
 Lambese (Oberthür, 1918)
Jodia Hübner, [1818]
Jodia croceago ([Denis & Schiffermüller], 1775)
 Sebdou, Lambese (Oberthür, 1918).
Scythocentropus Speiser, 1902
Scythocentropus inquinata (Mabille, 1888)
 Batna, Aflou, El-Kantara (Oberthür, 1918).
Thalpophila Hübner, [1820]
Thalpophila vitalba (Freyer, 1834)
 Algeria (Koçak & Kemal, 2015).
Trigonophora Hübner, [1821]
Trigonophora crassicornis (Oberthür, 1918)
 Algeria (Oberthür 1918).
Trigonophora flammea (Esper, 1785)
 Lambese (Oberthür, 1918).
Xylena Ochseneheimer, 1816
Xylena exsoleta (Linnaeus, 1758)
 Aflou, Blida, Guelt-es-Stel (Koçak & Kemal, 2015).
Xylena vetusta (Hübner, [1813])
 Algiers (Société entomologique de France, 1916).

Conclusion

The results of this study highlight the high diversity of Noctuidae in Algeria, along with their wide geographical distribution. The most representative genera and species are compiled in an updated list, which notably underscores the presence of numerous taxa potentially harmful to crops. Furthermore, the bibliographic analysis reveals that most studies on Noctuidae in Algeria were published before 1918, reflecting an early but significant interest in the taxonomy of this group within the country. However, due to the limited number of available publications-particularly recent ones-this list remains non-exhaustive and does not provide a comprehensive inventory of the Algerian noctuid fauna. This literature review on Noctuidae in Algeria provides an essential foundation for studying the diversity of nocturnal fauna of Noctuidae species in the country. The findings presented here serve as a valuable reference for future research aimed at better understanding the composition, distribution, and ecological dynamics of this important moth family. Continued efforts, including updated field surveys and taxonomic revisions, are necessary to complete the inventory and to support pest

management strategies and biodiversity conservation initiatives in Algeria.

Conflict of Interest

The authors declare that they have no known financial interest or personal relationships that could have influenced the work presented in this article.

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Adjal Izdihar

Laboratory of Genetics, Biotechnology and Valorization of Bioresources (LGBVB)

University of Biskra

BP 145 RP

Biskra 07000

ARGELIA / ALGERIA

E-mail: izdihar.adjal@univ-biskra.dz

<https://orcid.org/0009-0005-4244-9468>

*Merabti Ibrahim

Laboratory of Genetics, Biotechnology and Valorization of Bioresources (LGBVB)

University of Biskra

BP 145 RP

Biskra 07000

ARGELIA / ALGERIA

E-mail: Ibrahim.merabti@univ-biskra.dz

<https://orcid.org/0000-0002-4237-7987>

Moussi Abdelhamid
Laboratory of Genetics, Biotechnology and Valorization of Bioresources (LGBVB)
University of Biskra
BP 145 RP
Biskra 07000
ARGELIA / *ALGERIA*
E-mail: moussi.ah@univ-biskra.dz
<https://orcid.org/0000-0002-5143-6045>

Lebouz Ismahane
Laboratory of Genetics, Biotechnology and Valorization of Bioresources (LGBVB)
University of Biskra
BP 145 RP
Biskra 07000
ARGELIA / *ALGERIA*
E-mail: ismahane.lebbouz@univ-biskra.dz
<https://orcid.org/0000-0002-1120-715X>

Balázs Benedek
Szőlőhegy, 8497/7
H-7700 Mohács
HUNGRIA / *HUNGARY*
E-mail: benedekia@gmail.com
<https://orcid.org/0000-0001-9533-1176>

Willy De Prins
Dorpstraat, 401 B
B-3061 Leefdaal
BÉLGICA / *BELGIUM*
E-mail: willy.deprins@gmail.com
<https://orcid.org/0000-0002-4430-1425>

*Autor para la correspondencia / *Corresponding author*

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