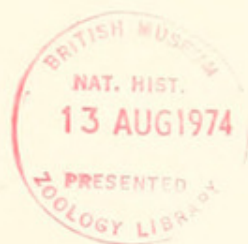


THE ENTOMOLOGICAL PUBLICATIONS OF  
PIERRE MILLIÈRE (1811-1887)

BY  
KLAUS SATTLER  
AND *k*  
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By K. SATTLER and W. G. TREMEWAN

## CONTENTS

	<i>Page</i>
SYNOPSIS . . . . .	223
INTRODUCTION . . . . .	223
ACKNOWLEDGEMENTS . . . . .	226
PART I. <i>Iconographie et Description de Chenilles et Lépidoptères inédits</i> .	226
PART II. <i>Catalogue raisonné des Lépidoptères (du Département) des Alpes-Maritimes</i> . . . . .	247
PART III. <i>Lépidoptérologie</i> . . . . .	251
PART IV. <i>Catalogue raisonné des Lépidoptères des Alpes-Maritimes, 2<sup>e</sup> Supplément, et Notes entomologiques diverses</i> . . . . .	260
PART V. <i>Catalogue of the taxa described by Millière</i> . . . . .	263
BIBLIOGRAPHY . . . . .	275

## SYNOPSIS

Four entomological works of Millière, which were published in parts, are discussed in detail and their dates of publication established. All entomological works of Millière are listed in the bibliography. All taxa described by Millière are catalogued together with their original references and the dates of publication.

## INTRODUCTION

PIERRE MILLIÈRE was born on 1 December, 1811, at Saint-Jean-de-Losne (Côte d'Or) and died on 29 May, 1887, at Cannes (Alpes-Maritimes). During his life he wrote 61 entomological papers in which he described over 260 new taxa.

Four of Millière's publications, namely *Iconographie et Description de Chenilles et Lépidoptères inédits*, *Catalogue raisonné des Lépidoptères (du Département) des Alpes-Maritimes*, *Lépidoptérologie*, and *Catalogue raisonné des Lépidoptères des Alpes-Maritimes, 2<sup>e</sup> Supplément, et Notes entomologiques diverses*, are made up of parts, most of which were published at different times. Nearly all of these parts were also published as articles in periodicals. The issue in a periodical was published either before or after that which forms part of one of the above works. Both issues were printed from the same or different type-set, with or without alterations, the text sometimes having been revised. In some cases two different editions of a part (*livraison, fascicule*) of one of the above works are known.

Throughout the present paper the following terms are used: *edition* – to distinguish two different versions (termed editions 'a' and 'b') of a particular part (*livraison, fascicule*) in the same work; *issue* – to distinguish the publication of a part (*livraison, fascicule, partie*) in one of the above works from that in a periodical.



The different editions and issues which have come to our notice are recorded below ; however, it seems likely that further variations may be found when more copies are examined.

When there are two editions, the accompanying plates appear to have been printed from the same blocks, except those of the *Iconographie, livraison 1*, editions 'a' and 'b', which were printed from different blocks. In *livraison 6* of the *Iconographie* copies of plates 2-4 are found with and without the printer's signature. As a rule the plates are coloured, but certain issues in periodicals are accompanied by uncoloured plates. As might be expected in hand-coloured plates, differences in coloration were found between copies. Occasionally copies were found in which a figure has been missed and left uncoloured. The plates are generally well preserved but in some figures deterioration of the pigments has occurred. This is especially noticeable in the plates of some of the periodicals, for which usually inferior pigments were used.

The publication of the above works in parts with different editions and issues resulted in great difficulty in determining the exact date of publication of each new taxon. Consequently we have attempted to establish as accurately as possible from all available evidence the dates of publication of the various parts of these works. The evidence for the establishment of these dates is presented in parts I-IV of the present paper. Details of each part and the established dates of publication are tabulated, the tables containing the pagination of each edition and issue of every part. As the plates in the periodicals do not differ from those in the above four works details are given only once. The established dates for each edition and issue are included ; the earliest date is given in bold type.

All taxa described by Millière, regardless of their status, are catalogued in part V of the present paper. It should be noted that Millière was not always consistent in designating taxa as aberrations, varieties, or races, the term 'var.' having been used to denote both aberrations and subspecies.

The Bibliography includes a complete list of the entomological works of Millière, with their exact dates of publication.

We have *established* the exact dates of publication from the available evidence in accordance with the provisions of the *Int. Code zool. Nom.* Article 21 (1961), which reads as follows :

**Article 21. Interpretation of date.** — The date of publication of a work and of a contained name or statement affecting nomenclature is to be interpreted in accordance with the provisions of this Article.

- (a) **Date specified.** — The date of publication specified in a work is assumed to be correct in the absence of evidence to the contrary.
- (b) **Date incomplete.** — If the date of publication is not completely specified, it is to be interpreted as the earliest day demonstrated by evidence, but in the absence of such evidence, as
  - (i) the last day of the stated month, when month and year, but not the day, are specified ; and as
  - (ii) the last day of the year, when only the year is specified.
- (c) **Date incorrect.** — If the date of publication specified in a work is found to be incorrect, the date is to be interpreted as the earliest demonstrated by the evidence.



- (d) **Dates of work issued in parts.** – If parts of a work were published on different days, the date of each is reckoned independently.
- (e) **Range of dates.** – If the specified date of publication contained within a work is a range of dates, the work is to be dated from the latest day within that range ; but if evidence proves that one or more parts were issued before that day, it or they are to be interpreted as dating from the earliest day demonstrated by the evidence.
- (f) **Date not stated.** – In the absence of internal evidence of its date of publication, a work is to be dated in whole or in part from the earliest date demonstrated by external evidence, such as mention in another work.

We have *cited* the dates in accordance with Recommendation 22A, which reads as follows :

**Recommendation 22A. Method of citation.** – In citing the date of publication of a name, an author

- (1) should not enclose the date in either parentheses or square brackets if the work containing it specifies the date of publication ;
- (2) should enclose the date, or part of it, in parentheses if it is determined by evidence derived from the volume concerned other than in (1) ; or
- (3) should enclose the date, or a part of it, in square brackets if it is determined only from external evidence.

Throughout the present paper plate numbers are cited as found in the original work, i.e. Roman or Arabic ; however, in the catalogue of taxa described by Millière all Roman plate numbers have been converted into Arabic. All plates are coloured unless otherwise stated.

We have examined all available copies of the works of Millière in the libraries of the British Museum (Natural History), London, Royal Entomological Society, London, Muséum national d'Histoire naturelle, Paris, Société entomologique de France, Paris, and L. G. Higgins, Chobham, Surrey. In addition we have received information on the copies in the libraries of the Museum für Naturkunde an der Humboldt-Universität, Berlin, Forschungsinstitut Senckenberg, Frankfurt, Zoologische Sammlung des Bayerischen Staates, Munich, and Naturhistorisches Museum, Vienna.

In establishing the dates of publication of the individual parts the following evidence was taken into consideration : dates on original wrappers, title pages, plates and any further dates cited in the text. The dates of receipt which were recorded by Stainton in his personal copies of Millière's works were also considered. In addition to these sources we have examined the following bibliographical works and catalogues : *Bibliographie de la France* (1850–90), British Museum (Natural History) library catalogue (1910), Derksen & Scheiding-Göllner (1968), Hagen (1862), Horn & Schenkling (1928), Junk (1900–13), Lorenz (1869 ; 1877), Staudinger & Rebel (1901), Staudinger & Wocke (1861 ; 1871), Taschenberg (1890), *Zoological Record* (1850–90). Reference was made to the obituaries by [Anonymous, a] (1887), [Anonymous, b] (1887), [Anonymous, c] ([1888]), Constant (1887), D[immock] (1888), Gozis (1887), Heylaerts (1888), and Kheil (1887). Various periodicals, including *Annls Soc. ent. Belg.*, *Annls Soc. ent. Fr.*, *Annls Soc. linn.*



*Lyon, Berl. ent. Z., Bull. Soc. ent. Fr., Mém. Soc. Sci. nat. hist. Cannes, Naturalista sicil., Naturaliste, Petites Nouv. ent., Revue Ent., Revue Mag. Zool., and Stettin. ent. Ztg* have been checked for reviews, book notices, and casual references.

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#### PART I

##### Iconographie et Description de Chenilles et Lépidoptères inédits

Between 1859 and 1874 Millière published under the above title a work in three volumes, comprising 35 *livraisons* with 154 plates. With the exception of numbers 11 and 27 to 35 the *livraisons* were also published in the *Annls Soc. linn. Lyon* (1858-72). An article under the same title and accompanied by a plate 155 was published by Millière in *Annls Soc. linn. Lyon* (N.S.) 25: [1]-12 (1878). This article also forms *fascicule* [4] of another work under the title *Lépidoptérologie*, which is discussed in part III of the present paper.

As the exact date of publication of each *livraison* was unknown, incorrect dates have sometimes been cited in the literature. Therefore it was necessary to establish as accurately as possible from all available evidence the date of publication of each *livraison*. Details of each *livraison* and the established dates of publication are tabulated below (Tables 1-3). The tables contain the pagination of each edition and issue of every *livraison*. As the plates in the *Annales* do not differ from those in the *Iconographie* details are given only once. The tables are followed by a detailed discussion of all available evidence. All taxa described as new by Millière in the *Iconographie* are included in the catalogue which forms part V of the present paper.

Throughout part I of our work the following terms are used:

*Iconographie* – *Iconographie et Description de Chenilles et Lépidoptères inédits*;

*Annales* – *Annales de la Société Linnéenne de Lyon*;

(N.S.) – Nouvelle Série;

Society – Société Linnéenne de Lyon;



*Edition* – to distinguish two different versions (termed editions ‘a’ and ‘b’) of the same *livraison* in the *Iconographie* ;

*Issue* – to distinguish the publication of a *livraison* in the *Iconographie* from that in the *Annales*.

We have examined five complete sets, volumes **1** and **2** of an incomplete set, and unbound copies with their original wrappers of *livraisons* 1–7 and 10 of the *Iconographie*, and a run of the *Annales*.

In establishing the dates of publication of the individual *livraisons* the following evidence was taken into consideration: dates on the original wrappers (when present) and title pages, the dates on the first page of the ‘Explication des Planches’, and on the plates, and the date of submission of the manuscript to the Society or the date on which Millière signed some of the *livraisons*. Reference was made to *Bibliographie Fr.*, *Petites Nouv. ent.*, *Zool. Rec.*, and Staudinger & Wocke (1861; 1871), for any additional evidence.

Original wrappers are preserved for *livraisons* 1–7 and 10. It is probable that wrappers were also issued for *livraisons* 8 and 9. We have not found wrappers for any of the *livraisons* of volumes **2** and **3** and it is possible that no such wrappers were issued.

Volumes **1** and **2** of the set of the *Iconographie* in the L. G. Higgins library have grey original wrappers (front portion only) which are dated 1875 and were therefore issued after completion of the work. These wrappers are marked ‘Iconographie et Description de Chenilles et Lépidoptères inédits, par P. Millière, Lauréat de la Sorbonne (Médaille d’Or 1874). Tome Premier [‘Tome Deuxième’ on wrapper of volume **2**] Paris, E. Deyrolle Fils, 23, rue de la Monnaie. 1875’.

Original wrappers, which are preserved for some of the volumes of the *Annales*, indicate that each volume was issued complete in one part. Where original wrappers are preserved, the date on the wrapper agrees with that on the title page of the volume. Some volumes bear two dates, as for example ‘1859. Janvier 1860’. This may be interpreted as the volume for the year 1859, which was issued in January 1860. Internal evidence (recorded dates of the deaths of members of the Society) shows that the year of publication cited on the title pages of volumes **10** and **11** is erroneous.

A title page was issued with each of the *livraisons* 1–9, 11 and 23 of the *Iconographie*. The title pages of *livraisons* 1, 11 and 23 are also the title pages of volumes **1**, **2** and **3** respectively. Two different title pages of *livraison* 1 (and volume **1**) are known (page 230, Pls 1, 2). Another title page, which lacks the volume number and the exact date of publication, is found in each volume of the set in the L. G. Higgins library (Pl. 3). This title page was not intended for a specific volume, as blank spaces were left so that the volume number and exact date could subsequently be filled in as appropriate. Some authors have erroneously considered the date on the title page of each volume to apply to all included *livraisons*.

*Livraisons* 1–28 were submitted to the Society for publication. The date of submission of the manuscripts is recorded on the first page of each *livraison* under the title. *Livraisons* 29–35 were not submitted to the Society but were signed and dated by Millière at the end of the text. We consider that the *livraisons* were



completed and ready for press, but not yet published, on the date of submission or signature. Although *livraisons* 1–28 were submitted to the Society, only 1–10 and 12–26 were published in the *Annales* (N.S.), volumes 5–19, which, except for volume 14, were recorded in *Biblphie Fr.* Only *livraison* 11 of the *Iconographie* was recorded in *Biblphie Fr.*, possibly because that *livraison* was not published in the *Annales*. However, *livraisons* 27–35 were neither published in the *Annales* nor recorded in *Biblphie Fr.*

From 1866 onwards Millière's work was recorded in *Zool. Rec.*, but because of the time lapse between publication and record, the available data have little significance.

*Livraisons* 23–28, 30, and 32–35 of the *Iconographie* were recorded in *Petites Nouv. ent.* between 1870 and 1875 as 'just published'. However, in our opinion the 'vient de paraître' should not be interpreted in too strict a sense. For example, *livraison* 30 was recorded in *Petites Nouv. ent.* issued 15 April, 1873; however, almost seven weeks earlier, on 26 February, 1873, a printed copy of this *livraison* had been presented to the Société des Sciences naturelles et historiques... de Cannes. The *Iconographie* was also advertised in *Petites Nouv. ent.* but with apparent discrepancies concerning the number of plates available.

The donation of volumes 1 and 2 as well as *livraisons* 25–32 and 34 to the library of the Société des Sciences naturelles et historiques... de Cannes... was recorded in *Mém. Soc. Sci. nat. hist. Cannes*.

Staudinger & Wocke (1861: XVI) recorded *livraisons* 1 and 2 in their bibliography. In the catalogue and the 'Corrigenda et Addenda' they also include all the species which Millière described as new in *livraisons* 3 and 4, and on plate 1 of *livraison* 5, citing plate references only. We consider plates 1 and 3 of *livraison* 4 and plate 1 of *livraison* 5 as having been published in advance of the rest of these *livraisons*, as they were available to Staudinger & Wocke for citation in their catalogue.

Staudinger & Wocke (1871: XXIX) recorded *livraisons* 1–25 in their bibliography. In the catalogue they also include the species dealt with in *livraison* 26, citing plate references only.

The *Iconographie* consists of *livraisons* 1–35, of which *livraisons* 1–10 and 12–26 were also published in the *Annales*. The title pages of *livraisons* 1–9 are marked 'Extrait des Annales de la Société Linnéenne de Lyon...'. Although this implies that the *livraisons* of the *Iconographie* are reprints from the *Annales* the majority appear to have been published earlier. For example, according to the dates on the title pages *livraison* 2 was published in the *Iconographie* in 1859 and in the *Annales* in January, 1860. In this respect *livraisons* 3–6 are analogous. Similarly the title page of *livraison* 8 edition 'a' (dated 1863) is marked 'Extrait... vol. X', but was never published in the *Annales*. Millière submitted a revised edition 'b' to the Society at a later date, and it is this edition which agrees with the issue published in the *Annales*. A further indication is found in *livraison* 25, in which pages 49 and 50 of the *Annales* are erroneously numbered 129 and 130 respectively. The latter pagination is that of the *Iconographie* and indicates that the *Iconographie* was printed before the *Annales*.



In most instances the issues in *Iconographie* and *Annales* agree except in pagination and signatures. Identical printer's errors and damaged type indicate that both issues were printed from the same type-set, but sometimes with minor modifications. For example, in *livraison* 19 (*Iconographie* 2:329 = *Annales* 16:1) 'var. *panoptes*' has been moved to a different position. Similarly, in *livraison* 20 (*Iconographie* 2:407 = *Annales* 16:79) the 'Explication des Planches' has been re-arranged. Occasionally the two issues agree in contents but differ slightly in format, having been printed from a different type-set, although the same type-face was used (see *livraisons* 8-10). In the *Iconographie* two editions of *livraisons* 1 and 8 are known. In addition to the slightly revised text they differ in type-face and format, which accounts for the different number of pages. Two impressions of *livraison* 28 are known. As can be seen from minor typographical errors and damaged type they were printed from different type-set, although the same type-face was used. As the text had not been revised and the format appears to be identical the two impressions are not regarded as different editions.

Two different editions of plates of *livraison* 1 are known. Those which accompany the issue in the *Annales* are also found in edition 'a' of the *Iconographie*. However, we have examined one copy of the *Iconographie* in which plates of both editions are mixed. Differences between the plates of editions 'a' and 'b' are discussed under *livraison* 1 (page 230). In *livraison* 6 copies of plates 2-4 are found with and without the printer's signature. Apart from *livraison* 1 and the minor discrepancies in *livraison* 6 there is no indication that the plates were printed from different blocks.

The 35 *livraisons* are accompanied by 154 plates. The plates of *livraisons* 1-6 are numbered independently, each *livraison* beginning with plate 1. When citing these plates it is necessary to add the appropriate *livraison* number in order to distinguish, for example, (liv. 1) pl. 3 from (liv. 4) pl. 3. The plates of *livraisons* 7-35 are numbered 33-154.

## Volume 1

### Livraison 1

*Iconographie*. *Livraison* 1 was submitted to the Society on 9 August, 1858. Two different editions which are here termed 'a' and 'b' are known. The original wrapper and title page of edition 'a' and the title page of edition 'b' are dated 1859. Editions 'a' and 'b' of this issue of *livraison* 1 are therefore assumed to have been published not earlier than 10 August, 1858, and not later than 31 December, 1859.

Staudinger & Wocke (1861:XVI) recorded *livraisons* 1 and 2 as having been published in 1859. All species included in *livraison* 1 are dated 1859 except *Psyche malvinella* which on page 27 is dated 1858. References are made to the plates only with the exception of *Psyche malvinella* for which 30 is cited as the page reference. This shows that edition 'a' was available to Staudinger & Wocke, as in edition 'b' *Psyche malvinella* is found on page 29.

Edition 'a' comprises an original wrapper, a fly-leaf, a title page (Pl. 1), pages [1]-36, and plates 1-4. The fly-leaf bears the printer's name and address on the



reverse side. The title page is not marked 'Première Livraison' nor 'Tome Premier'. According to the title page this edition was issued in Lyon by F. Dumoulin; however, the original wrapper indicates that it was issued in Paris by F. Savy. No printer is indicated on the last (page 36) or any other page. The plates were printed by Tourfaut, Paris.

On the back wrappers of *livraison* 1, edition 'a', and *livraison* 2 both *livraisons* are advertised for sale. The fact that *livraison* 2 is advertised on the back wrapper of *livraison* 1 shows that both *livraisons* were published simultaneously.

Edition 'b' comprises a fly-leaf, a title page (Pl. 2) which at the same time is a title page of volume 1, pages [1]-34, and plates 1-4. We have not seen an original wrapper. The fly-leaf does not bear the printer's name and address on the reverse side. The title page is marked 'Première Livraison' and 'Tome Premier'. This edition was issued in Paris by F. Savy. The last page (page 34) is marked 'Lyon. - Association typographique, Regard, rue Tupin, 31'. The plates were printed by Houiste, Paris.

The text of edition 'b' differs from that of edition 'a' and appears to have been revised. The two editions differ in format and type-face. Consequently page references to certain species do not agree. Some of the plates differ in some details from those in edition 'a'. For example, plate 3 depicts a complete moth (fig. 3) (right half only on Tourfaut plates) and the larva (fig. 1) differs in some detail, particularly the head. On plate 4 a complete moth (fig. 3) is illustrated (right half only on Tourfaut plates), while the position of the number 'III' is different from that on the Tourfaut plate.

It should be noted that the two editions are not always clearly differentiated as regards the plates. For example, we have examined one copy in which Tourfaut plates and Houiste plates are mixed.

*Annales.* *Livraison* 1 was published in (N.S.) volume 5: [15]-50, plates 1-4, for the year 1858. We have not seen an original wrapper of volume 5 but the title page is dated 1858. On page IX the death on 28 September, 1858, of a member of the Society was recorded. This issue of *livraison* 1 is therefore assumed to have been published not earlier than 29 September and not later than 31 December, 1858.

Volume 5 was recorded in *Biblioph. Fr.* (2) 3: 445, issued on 24 September, 1859. This issue is accompanied by uncoloured Tourfaut plates.

REMARKS. We are unable to decide whether edition 'a' was published earlier or later than edition 'b'. Edition 'a' agrees with the issue in the *Annales* except in pagination and signatures, and appears to have been printed from the same type-set.

The above evidence indicates that *livraison* 1 was first published in the *Annales*.

#### Livraison 2

*Iconographie.* *Livraison* 2 comprises an original wrapper, a title page, pages [51]-112, and plates 1-6. *Livraison* 2 was submitted to the Society on 6 August, 1859. The original wrapper and the title page are dated 1859. This issue of *livraison* 2 is therefore assumed to have been published not earlier than 7 August and not later than 31 December, 1859.



The pagination is not continuous, *livraison* 1 ending on page 36 and *livraison* 2 beginning on page 51. However, *livraison* 1 in the *Annales* terminates on page 50 and this may account for the gap in pagination.

All species included in this *livraison* were recorded by Staudinger & Wocke (1861) as having been published in 1859. References are given to the plates only except for *Stegania permutaria* for which page 65 is cited.

On the back wrappers of *livraison* 1, edition 'a', and *livraison* 2 both *livraisons* are advertised for sale. The fact that *livraison* 2 is advertised on the back wrapper of *livraison* 1 shows that both *livraisons* were published simultaneously.

*Annales.* *Livraison* 2 was published in (N.S.) volume 6 : [385]–446, plates 1–6, for the year 1859. We have not seen an original wrapper of volume 6 but the title page is dated January, 1860. This issue of *livraison* 2 is therefore assumed to have been published not earlier than 1 January and not later than 31 January, 1860.

Volume 6 was recorded in *Biblphie Fr.* (2) 4 : 273, issued on 16 June, 1860.

REMARKS. The two issues of *livraison* 2 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 2 was first published as part of the *Iconographie*.

### Livraison 3

*Iconographie.* *Livraison* 3 comprises an original wrapper, a title page, pages [113]–192, and plates 1–10. *Livraison* 3 was submitted to the Society on 13 August, 1860. The original wrapper and the title page are dated 1860. This issue of *livraison* 3 is therefore assumed to have been published not earlier than 14 August and not later than 31 December, 1860.

This *livraison* was not recorded by Staudinger & Wocke (1861 : XVI) in their bibliography, but of the 24 included species, the four described as new by Millière were accounted for (*Sciaphila limoniana*, *Argyrolepia mulsantana*, *Nemoria bruandaria*, *Agrotis constanti*). These were recorded in the 'Corrigenda et Addenda' (1861 : 189–190) and were erroneously dated 1861. References were given to the plates only.

*Annales.* *Livraison* 3 was published in (N.S.) volume 7 : [193]–272, plates 1–10, for the year 1860. We have not seen an original wrapper of volume 7, but the title page is dated February, 1861. This issue of *livraison* 3 is therefore assumed to have been published not earlier than 1 February and not later than 28 February, 1861.

Volume 7 was recorded in *Biblphie Fr.* (2) 5 : 365, issued on 3 August, 1861.

REMARKS. The two issues of *livraison* 3 agree except in pagination and signatures, and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 3 was first published as part of the *Iconographie*.

### Livraison 4

*Iconographie.* *Livraison* 4 comprises an original wrapper, a title page, pages [193]–221 ([222]–[224] blank), and plates 1–4. *Livraison* 4 was submitted to the



Society on 8 July, 1861. The original wrapper and the title page are dated 1861. This issue of *livraison* 4 is therefore assumed to have been published not earlier than 9 July, and not later than 31 December, 1861.

There is evidence that plates 1 and 3 were issued prior to the publication of *livraison* 4. This *livraison* was not recorded by Staudinger & Wocke (1861: XVI) in their bibliography but, of the eight included species, the two described as new by Millière were accounted for (*Alucita olbiaella*, illustrated on plate 1, and *Eupithecia globulariata*, illustrated on plate 3). These were recorded in the 'Corrigenda et Addenda' (1861: 190-191) and dated 1861. References were given to the plates only. There is no evidence that plates 2 and 4 were issued prior to the publication of *livraison* 4. Plates 1 and 3 must have been available before [30] September, 1861, the date of publication of Staudinger & Wocke's work.

On the back wrapper of *livraisons* 4 and 5 both *livraisons* are advertised for sale. The fact that *livraison* 5 is advertised on the back wrapper of *livraison* 4 shows that both *livraisons* were published simultaneously.

*Annales.* *Livraison* 4 was published in (N.S.) volume 8: [177]-205, plates 1-4, for the year 1861. We have not seen an original wrapper of volume 8 but the title page is dated February, 1862. This issue of *livraison* 4 is therefore assumed to have been published not earlier than 1 February and not later than 28 February, 1862.

Volume 8 was recorded in *Biblioph. Fr.* (2) 6: 461, issued on 11 October, 1862.

REMARKS. The two issues of *livraison* 4 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 4 was first published as part of the *Iconographie*.

### Livraison 5

*Iconographie.* *Livraison* 5 comprises an original wrapper, a title page, pages [225]-256, and plates 1-4. *Livraison* 5 was submitted to the Society on 11 November, 1861. The original wrapper and the title page are dated 1861. This issue of *livraison* 5 is therefore assumed to have been published not earlier than 12 November and not later than 31 December, 1861.

There is evidence that plate 1 was issued prior to the publication of *livraison* 5. This *livraison* was not recorded by Staudinger & Wocke (1861: XVI) in their bibliography but, of the ten included species, one of the two species described as new by Millière, and illustrated on the plates, was accounted for (*Butalis dorycniella*, illustrated on plate 1). This was recorded in the 'Corrigenda et Addenda' (1861: 191) and dated 1861. Reference was made to the plate only. There is no evidence that plates 2 and 4 were issued prior to the publication of *livraison* 5. The fact that the second new species (*Zygaena genevensis*, illustrated on plate 3) was not accounted for indicates that plate 3 was not available to Staudinger & Wocke prior to the publication of their catalogue. Plate 1 must have been available before [30] September, 1861, the date of publication of Staudinger & Wocke's work; this is prior to the submission of *livraison* 5 to the Society.



On the back wrappers of *livraisons* 4 and 5 both *livraisons* are advertised for sale. The fact that *livraison* 5 is advertised on the back wrapper of *livraison* 4 shows that both *livraisons* were published simultaneously.

*Annales.* *Livraison* 5 was published in (N.S.) volume 8: [209]–240, plates 1–4, for the year 1861. We have not seen an original wrapper of volume 8 but the title page is dated February, 1862. This issue of *livraison* 5 is therefore assumed to have been published not earlier than 1 February and not later than 28 February, 1862.

Volume 8 was recorded in *Biblphie Fr.* (2) 6: 461, issued on 11 October, 1862.

REMARKS. The two issues of *livraison* 5 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 5 was first published as part of the *Iconographie*.

### Livraison 6

*Iconographie.* *Livraison* 6 comprises an original wrapper, a title page, pages [257]–280, and plates 1–4. *Livraison* 6 was submitted to the Society on 10 February, 1862. The original wrapper and the title page are dated 1862. This issue of *livraison* 6 is therefore assumed to have been published not earlier than 11 February and not later than 31 December, 1862.

On page 279 (Explication des Planches) (= page 23 of the *Annales*) the date 1861 is given. This may be a typographical error or it could indicate that the *livraison* was originally intended for publication in 1861.

*Annales.* *Livraison* 6 was published in (N.S.) volume 9: [1]–24, plates 1–4, for the year 1862. The original wrapper and the title page of volume 9 are dated February, 1863. This issue of *livraison* 6 is therefore assumed to have been published not earlier than 1 February and not later than 28 February, 1863.

Volume 9 was recorded in *Biblphie Fr.* (2) 7: 381, issued on 15 August, 1863.

On page 23 (Explication des Planches) (= page 279 of the *Iconographie*) the date 1861 is given (*see above*).

REMARKS. The two issues of *livraison* 6 agree except in pagination and signatures and appear to have been printed from the same type-set.

The plates of this *livraison* were printed by Geny-Gros, Paris (all other plates with the exception of some of *livraison* 1 were printed by Houiste, Paris). The printer's signature is missing on some copies of plates 2–4.

The above evidence indicates that *livraison* 6 was first published as part of the *Iconographie*.

### Livraison 7

*Iconographie.* *Livraison* 7 comprises an original wrapper, a title page, pages [281]–312, and plates 33–36. *Livraison* 7 was submitted to the Society on 11 August, 1862. The original wrapper and the title page are dated 1863. This issue of *livraison* 7 is therefore assumed to have been published not earlier than 11 August, 1862, and not later than 31 December, 1863.



Page 309 (Explication des Planches) and the plates are dated 1862. The plates are numbered 33–36 and are referred to as such in the text, but in the 'Explication des Planches', pages 309–312 (pages 53–56 of the *Annales*), they are numbered 1–4.

*Annales*. *Livraison* 7 was published in (N.S.) volume 9: [25]–56, plates 33–36, for the year 1862. The original wrapper and the title page of volume 9 are dated February, 1863. This issue of *livraison* 7 is therefore assumed to have been published not earlier than 1 February and not later than 28 February, 1863.

Volume 9 was recorded in *Biblphie Fr.* (2) 7: 381, issued on 15 August, 1863.

REMARKS. The two issues of *livraison* 7 agree except in pagination and signatures and appear to have been printed from the same type-set.

From this *livraison* onwards the plates are numbered consecutively to the end of volume 3, while they are numbered independently in each of the *livraisons* 1–6.

The above evidence indicates that *livraison* 7 was first published in the *Annales*.

### Livraison 8

*Iconographie*. Two different editions which are here termed 'a' and 'b' are known.

*Livraison* 8, edition 'a', comprises a title page, pages [313]–344, and plates 37–40. Edition 'a' was submitted to the Society on 10 November, 1862, and on page 341 (Explication des Planches) (= page 339 of edition 'b') is dated 1862. We have not seen an original wrapper but the title page is dated 1863. Edition 'a' of this issue of *livraison* 8 is therefore assumed to have been published not earlier than 11 November, 1862, and not later than 31 December, 1863.

The first page of *livraison* 9 (page 345) is continuous with the pagination of this edition.

*Livraison* 8, edition 'b', comprises a title page, pages [313]–342, and plates 37–40. Edition 'b' was submitted to the Society on 13 July, 1863, and on page 339 (Explication des Planches) (= page 341 of edition 'a') is dated 1863. We have not seen an original wrapper but the title page is dated 1864. Edition 'b' of this issue of *livraison* 8 is therefore assumed to have been published not earlier than 14 July, 1863, and not later than 31 December, 1864.

The first page of *livraison* 9 (page 345) is not continuous with the pagination of this edition.

The text of edition 'b' differs slightly from that of edition 'a' and appears to have been revised. The two editions differ in format and type-face. Consequently page references to certain species do not agree.

*Annales*. *Livraison* 8 was published in (N.S.) volume 10: [187]–216, plates 37–40, for the year 1863. We have not seen an original wrapper of volume 10 but the title page is dated February, 1863 [*recte* 1864]. This issue of *livraison* 8 is therefore assumed to have been published not earlier than 1 February and not later than 29 February, 1864.

Volume 10 was recorded in *Biblphie Fr.* (2) 8: 437, issued on 17 September, 1864.

*Livraison* 8 was recorded (as having been published in February, 1864) in *Zool. Rec.* (1865) 2: 573, issued (not earlier than August) 1866.



The text of this issue differs slightly from that of edition 'a' in the *Iconographie* and appears to have been revised. This issue also differs from edition 'a' in format and type-face as well as in pagination and signatures. The text of this issue agrees with that of edition 'b' in the *Iconographie*, except for some discrepancies in the spelling of scientific names. This issue agrees with edition 'b' in type-face but differs in format and was therefore printed from a different type-set; it also differs in pagination and signatures.

REMARKS. The above evidence indicates that *livraison* 8 was first published as edition 'a' of the *Iconographie*.

#### Livraison 9

*Iconographie*. *Livraison* 9 comprises a title page, pages [345]–372, and plates 41–44. *Livraison* 9 was submitted to the Society on 11 January, 1864. We have not seen an original wrapper but the title page is dated 1864. *Livraison* 9 is therefore assumed to have been published not earlier than 12 January and not later than 31 December, 1864.

*Annales*. *Livraison* 9 was published in (N.S.) volume 10: [217]–244, plates 41–44, for the year 1863. We have not seen an original wrapper of volume 10 but the title page is dated February, 1863 [*recte* 1864]. This issue of *livraison* 9 is therefore assumed to have been published not earlier than 1 February and not later than 29 February, 1864.

Volume 10 was recorded in *Biblphie Fr.* (2) 8: 437, issued on 17 September, 1864.

This issue of *livraison* 9 was recorded (as having been published in February, 1864) in *Zool. Rec.* (1865) 2: 573, issued (not earlier than August) 1866.

This issue agrees with that in the *Iconographie* in contents and type-face but differs in format and was therefore printed from a different type-set; it also differs in pagination and signatures.

REMARKS. The above evidence indicates that *livraison* 9 was first published in the *Annales*.

#### Livraison 10

*Iconographie*. *Livraison* 10 comprises an original wrapper, pages [373]–424, and plates 45–50. *Livraison* 10 was submitted to the Society on 11 January, 1864. No title page was issued but the original wrapper is dated 1864. *Livraison* 10 is therefore assumed to have been published not earlier than 12 January and not later than 31 December, 1864.

This issue of *livraison* 10 was recorded in *Zool. Rec.* (1865) 2: 565, issued (not earlier than August) 1866.

An index (Table alphabétique des matières contenues dans ce volume) to *livraisons* 1–10 is included in *livraison* 10 (pages [419]–424) and forms part of the *Iconographie*.

No index to *livraisons* 1–10 was issued with the *Annales*. When there are discrepancies in references to certain species in editions 'a' and 'b' of *livraisons* 1 and 8, the index refers to edition 'a' only.



*Annales.* *Livraison* 10 was published in (N.S.) volume 11 : [1]-45, plates 45-50, for the year 1864. We have not seen an original wrapper of volume 11 but the title page is dated February, 1864 [*recte* 1865]. This issue of *livraison* 10 is therefore assumed to have been published not earlier than 1 February and not later than 28 February, 1865.

Volume 11 was recorded, and erroneously cited as volume 2, in *Bibliographie Fr.* (2) 9 : 209, issued on 13 May, 1865.

This issue agrees with that in the *Iconographie* in contents (except for the absence of an index and some minor discrepancies) and type-face but differs in format and was therefore printed from a different type-set ; it also differs in pagination and signatures.

REMARKS. The above evidence indicates that *livraison* 10 was first published as part of the *Iconographie*.

TABLE I

*Iconogr. Descr. Chenilles Lépid. inédits*  
Volume I

<i>Iconogr. Descr. Chenilles Lépid. inédits</i>				<i>Annls Soc. linn. Lyon</i>		
liv.	pages	plates	date	vol.	pages	date
1 [a]	[1]-36	1-4	[31. XII.] 1859	5	[15]-50	[31. XII.] 1858
1 [b]	[1]-34	1-4	[31. XII.] 1859	—	—	—
2	[51]-112	1-6	[31. XII.] 1859	6	[385]-446	[31.] I. 1860
3	[113]-192	1-10	[31. XII.] 1860	7	[193]-272	[28.] II. 1861
4		1, 3	[29. IX.] 1861			
	[193]-221	2, 4	[31. XII.] 1861	8	[177]-205	[28.] II. 1862
5		1	[29. IX.] 1861			
	[225]-256	2-4	[31. XII.] 1861	8	[209]-240	[28.] II. 1862
6	[257]-280	1-4	[31. XII.] 1862	9	[1]-24	[28.] II. 1863
7	[281]-312	33-36	[31. XII.] 1863	9	[25]-56	[28.] II. 1863
8 [a]	[313]-344	37-40	[31. XII.] 1863	—	—	—
—	—	—	—	10	[187]-216	[29.] II. 186[4]
8 [b]	[313]-342	37-40	[31. XII.] 1864	—	—	—
9	[345]-372	41-44	[31. XII.] 1864	10	[217]-244	[29.] II. 186[4]
10	[373]-424	45-50	[31. XII.] 1864	11	[1]-45	[28.] II. 186[5]

## Volume 2

*Livraison* 11

*Iconographie.* *Livraison* 11 comprises a title page, pages [1]-36, and plates 51-54. *Livraison* 11 was submitted to the Society on 9 May, 1864. The title page, which also is the title page of volume 2, is dated 1864. Page 33 (Explication des Planches) and the plates are dated 1864. This *livraison* was recorded in *Bibliographie Fr.* (2) 8 : 526, issued on 5 November, 1864. This issue of *livraison* 11 was therefore published not earlier than 10 May and not later than 4 November, 1864.

*Livraison* 11 was recorded in *Zool. Rec.* (1865) 2 : 565, issued (not earlier than August) 1866.



*Annales.* *Livraison* 11 was not published in the *Annales*.

REMARKS. This is the only *livraison* of the whole work to have been recorded in *Biblphie Fr.*

The above evidence indicates that only one issue of *livraison* 11 was published, viz. in the *Iconographie*.

#### Livraison 12

*Iconographie.* *Livraison* 12 comprises pages [37]–67 ([68] blank), and plates 55–58. *Livraison* 12 was submitted to the Society on 14 November, 1864. Page 64 (Explication des Planches) bears no date. The plates are dated 1864. This issue of *livraison* 12 is therefore assumed to have been published not earlier than 15 November and not later than 31 December, 1864.

This issue of *livraison* 12 was recorded in *Zool. Rec.* (1865) 2: 565, issued (not earlier than August) 1866.

*Annales.* *Livraison* 12 was published in (N.S.) volume 11: [258]–288, plates 55–58, for the year 1864. We have not seen an original wrapper of volume 11 but the title page is dated February, 1864 [*recte* 1865]. This issue of *livraison* 12 is therefore assumed to have been published not earlier than 1 February and not later than 28 February, 1865.

Volume 11 was recorded and erroneously cited as volume 2 in *Biblphie Fr.* (2) 9: 209, issued on 13 May, 1865.

REMARKS. The two issues of *livraison* 12 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 12 was first published as part of the *Iconographie*.

#### Livraison 13

*Iconographie.* *Livraison* 13 comprises pages [69]–100 and plates 59–62. *Livraison* 13 was submitted to the Society on 9 January, 1865. Page 97 (Explication des Planches) and the plates are dated 1865. This issue of *livraison* 13 is therefore assumed to have been published not earlier than 10 January and not later than 31 December, 1865.

This issue of *livraison* 13 was recorded in *Zool. Rec.* (1865) 2: 565, issued (not earlier than August) 1866.

*Annales.* *Livraison* 13 was published in (N.S.) volume 12: [413]–444, plates 59–62, for the year 1865. We have not seen an original wrapper of volume 12 but the title page is dated 6 January, 1866, which is therefore accepted as the correct date of publication of this issue.

Volume 12 was recorded in *Biblphie Fr.* (2) 10: 185, issued on 28 April, 1866.

REMARKS. The two issues of *livraison* 13 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 13 was first published as part of the *Iconographie*.



## Livraison 14

*Iconographie.* *Livraison* 14 comprises pages [101]–143 ([144] blank) and plates 63–66. *Livraison* 14 was submitted to the Society on 10 April, 1865. Page 140 (Explication des Planches) and the plates are dated 1865. This issue of *livraison* 14 is therefore assumed to have been published not earlier than 11 April and not later than 31 December, 1865.

This issue of *livraison* 14 was recorded in *Zool. Rec.* (1866) 3: 439, issued (not earlier than November) 1867.

*Annales.* *Livraison* 14 was published in (N.S.) volume 13: [1]–43, plates 63–66, for the year 1866. We have not seen an original wrapper of volume 13 but the title page is dated 30 June, 1866, which is therefore accepted as the correct date of publication of this issue.

Volume 13 was recorded in *Biblphie Fr.* (2) 10: 469, issued on 13 October, 1866.

This issue of *livraison* 14 was recorded in *Zool. Rec.* (1866) 3: 439, issued (not earlier than November) 1867.

REMARKS. The two issues of *livraison* 14 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 14 was first published as part of the *Iconographie*.

## Livraison 15

*Iconographie.* *Livraison* 15 comprises pages [145]–187 ([188] blank) and plates 67–70. *Livraison* 15 was submitted to the Society on 11 December, 1865. Page 184 (Explication des Planches) and the plates are dated 1865. This issue of *livraison* 15 is therefore assumed to have been published not earlier than 12 December and not later than 31 December, 1865.

This issue of *livraison* 15 was recorded in *Zool. Rec.* (1866) 3: 439, issued (not earlier than November) 1867.

*Annales.* *Livraison* 15 was published in (N.S.) volume 13: [44]–86, plates 67–70, for the year 1866. We have not seen an original wrapper of volume 13 but the title page is dated 30 June, 1866, which is therefore accepted as the correct date of publication of this issue.

Volume 13 was recorded in *Biblphie Fr.* (2) 10: 469, issued on 13 October, 1866.

This issue of *livraison* 15 was recorded in *Zool. Rec.* (1866) 3: 439, issued (not earlier than November) 1867.

REMARKS. The two issues of *livraison* 15 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 15 was first published as part of the *Iconographie*.

## Livraison 16

*Iconographie.* *Livraison* 16 comprises pages [189]–246 and plates 71–76. *Livraison* 16 was submitted to the Society on 12 March, 1866. Page 241 (Explication des Planches) and the plates are dated 1866. This issue of *livraison* 16 is



therefore assumed to have been published not earlier than 13 March and not later than 31 December, 1866.

This issue of *livraison* 16 was not recorded in *Zool. Rec.*

*Annales.* *Livraison* 16 was published in (N.S.) volume 14: [297]–354, plates 71–76, for the year 1866. We have not seen an original wrapper of volume 14 but the title page is dated 15 January, 1867, which is therefore accepted as the correct date of publication of this issue.

Volume 14 was not recorded in *Biblphie Fr.*

This issue of *livraison* 16 was recorded in *Zool. Rec.* (1867) 4: 338, issued (not earlier than November) 1868.

REMARKS. The two issues of *livraison* 16 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 16 was first published as part of the *Iconographie*.

#### Livraison 17

*Iconographie.* *Livraison* 17 comprises pages [247]–280 and plates 77–80. *Livraison* 17 was submitted to the Society on 12 July, 1866. Page 277 (Explication des Planches) and the plates are dated 1866. This issue of *livraison* 17 is therefore assumed to have been published not earlier than 13 July and not later than 31 December, 1866.

This issue of *livraison* 17 was not recorded in *Zool. Rec.*

Plate 80 is marked *livraison* 18, which is erroneous as shown by the date on the plate and reference to the Explication des Planches of *livraisons* 17 and 18.

*Annales.* *Livraison* 17 was published in (N.S.) volume 14: [355]–388, plates 77–80, for the year 1866. We have not seen an original wrapper of volume 14 but the title page is dated 15 January, 1867, which is therefore accepted as the correct date of publication of this issue.

Volume 14 was not recorded in *Biblphie Fr.*

This issue of *livraison* 17 was recorded in *Zool. Rec.* (1867) 4: 338, issued (not earlier than November) 1868.

REMARKS. The two issues of *livraison* 17 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 17 was first published as part of the *Iconographie*.

#### Livraison 18

*Iconographie.* *Livraison* 18 comprises pages [281]–327 ([328] blank) and plates 81–84. *Livraison* 18 was submitted to the Society on 14 January, 1867. Page 324 (Explication des Planches) and the plates are dated 1867. This issue of *livraison* 18 is therefore assumed to have been published not earlier than 15 January and not later than 31 December, 1867.

This issue of *livraison* 18 was not recorded in *Zool. Rec.*

*Annales.* *Livraison* 18 was published in (N.S.) volume 15: [189]–235, plates 81–84, for the year 1867. We have not seen an original wrapper of volume 15 but



the title page is dated 15 January, 1868, which is therefore accepted as the correct date of publication of this issue.

Volume 15 was recorded in *Biblphie Fr.* (2) 12 : 489, issued on 17 October, 1868.

This issue of *livraison* 18 was recorded in *Zool. Rec.* (1868) 5 : 309, issued (not earlier than December) 1869.

REMARKS. The two issues of *livraison* 18 agree except in pagination and signatures and appear to have been printed from the same type-set.

Plate 80 (*livraison* 17) is marked *livraison* 18, which is erroneous as shown by the date on the plate and reference to the Explication des Planches of *livraisons* 17 and 18.

The above evidence indicates that *livraison* 18 was first published as part of the *Iconographie*.

#### Livraison 19

*Iconographie*. *Livraison* 19 comprises pages [329]–364 and plates 85–88. *Livraison* 19 was submitted to the Society on 10 June, 1867. Page 361 (Explication des Planches) and the plates are dated 1867. This issue of *livraison* 19 is therefore assumed to have been published not earlier than 11 June and not later than 31 December, 1867.

This issue of *livraison* 19 was recorded in *Zool. Rec.* (1869) 6 : 342, issued 1870.

*Annales*. *Livraison* 19 was published in (N.S.) volume 16 : [1]–36, plates 85–88, for the year 1868. The original wrapper and the title page of volume 16 are dated 28 December, 1868, which is therefore accepted as the correct date of publication of this issue.

Volume 16 was recorded in *Biblphie Fr.* (2) 14 : 173, issued on 16 April, 1870.

This issue of *livraison* 19 was recorded in *Zool. Rec.* (1869) 6 : 342, issued 1870.

REMARKS. The Explication des Planches (*Iconographie*, pages 362, 363 ; *Annales*, pages 34, 35) for plates 86 and 87 are transposed.

The two issues of *livraison* 19 agree except in pagination and signatures and appear to have been printed from the same type-set with minor modifications.

The above evidence indicates that *livraison* 19 was first published as part of the *Iconographie*.

#### Livraison 20

*Iconographie*. *Livraison* 20 comprises pages [365]–410 and plates 89–92. *Livraison* 20 was submitted to the Society on 11 November, 1867. Page 407 (Explication des Planches) and the plates are dated 1867. This issue of *livraison* 20 is therefore assumed to have been published not earlier than 12 November and not later than 31 December, 1867.

This issue of *livraison* 20 was recorded in *Zool. Rec.* (1869) 6 : 342, issued 1870.

*Annales*. *Livraison* 20 was published in (N.S.) volume 16 : [37]–82, plates 89–92, for the year 1868. The original wrapper and the title page of volume 16 are dated 28 December, 1868, which is therefore accepted as the correct date of publication of this issue.



Volume **16** was recorded in *Biblphie Fr.* (2) **14** : 173, issued on 16 April, 1870.

This issue of *livraison* 20 was recorded in *Zool. Rec.* (1869) **6** : 342, issued 1870.

In the *Explication des Planches*, the plate number is erroneously cited as 85, but should be 89, and some of the legends are out of place.

REMARKS. The two issues of *livraison* 20 agree except in pagination, signatures and the above noted discrepancies, and could have been printed from the same type-set.

The above evidence indicates that *livraison* 20 was first published in the *Iconographie*.

#### Livraison 21

*Iconographie.* *Livraison* 21 comprises pages [411]–449 ([450] blank) and plates 93–96. *Livraison* 21 was submitted to the Society on 10 February, 1868. Page 446 (*Explication des Planches*) and the plates are dated 1868. This issue of *livraison* 21 is therefore assumed to have been published not earlier than 11 February and not later than 31 December, 1868.

This issue of *livraison* 21 was recorded in *Zool. Rec.* (1869) **6** : 342, issued 1870.

*Annales.* *Livraison* 21 was published in (N.S.) volume **17** : [1]–39, plates 93–96, for the year 1869. We have not seen an original wrapper of volume **17** but the title page is dated 28 December, 1869, which is therefore accepted as the correct date of publication of this issue.

Volume **17** was recorded in *Biblphie Fr.* (2) **14** : 173, issued on 16 April, 1870.

This issue of *livraison* 21 was recorded in *Zool. Rec.* (1869) **6** : 342, issued 1870.

REMARKS. The two issues of *livraison* 21 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 21 was first published as part of the *Iconographie*.

#### Livraison 22

*Iconographie.* *Livraison* 22 comprises pages [451]–506 and plates 97–100. *Livraison* 22 was submitted to the Society on 9 March, 1868. Page 495 (*Explication des Planches*) and the plates are dated 1868. This issue of *livraison* 22 is therefore assumed to have been published not earlier than 10 March and not later than 31 December, 1868.

This issue of *livraison* 22 was recorded in *Zool. Rec.* (1869) **6** : 342, issued 1870.

An index (*Table alphabétique des matières contenues dans le second volume*) to *livraisons* 11–22 is included in *livraison* 22 (pages [497]–506) and forms part of the *Iconographie*. No index to *livraisons* 11–22 was issued in the *Annales*.

*Annales.* *Livraison* 22 was published in (N.S.) volume **17** : [41]–88, plates 97–100, for the year 1869. We have not seen an original wrapper of volume **17** but the title page is dated 28 December, 1869, which is therefore accepted as the correct date of publication of this issue.

Volume **17** was recorded in *Biblphie Fr.* (2) **14** : 173, issued on 16 April, 1870.

This issue of *livraison* 22 was recorded in *Zool. Rec.* (1869) **6** : 342, issued 1870.



REMARKS. The two issues of *livraison* 22 agree except in pagination and signatures, and in the presence or absence of an index, and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 22 was first published as part of the *Iconographie*.

TABLE 2

*Iconogr. Descr. Chenilles Lépid. inédits*  
Volume 2

<i>Iconogr. Descr. Chenilles Lépid. inédits</i>				<i>Annls Soc. linn. Lyon</i>		
liv.	pages	plates	date	vol.	pages	date
11	[1]-36	51-54	[5. XI.] 1864	—	—	—
12	[37]-67	55-58	[31. XII.] 1864	11	[258]-288	[28.] II. 186[5]
13	[69]-100	59-62	[31. XII.] 1865	12	[413]-444	6. I. 1866
14	[101]-143	63-66	[31. XII.] 1865	13	[1]-43	30. VI. 1866
15	[145]-187	67-70	[31. XII.] 1865	13	[44]-86	30. VI. 1866
16	[189]-246	71-76	[31. XII.] 1866	14	[297]-354	15. I. 1867
17	[247]-280	77-80	[31. XII.] 1866	14	[355]-388	15. I. 1867
18	[281]-327	81-84	[31. XII.] 1867	15	[189]-235	15. I. 1868
19	[329]-364	85-88	[31. XII.] 1867	16	[1]-36	28. XII. 1868
20	[365]-410	89-92	[31. XII.] 1867	16	[37]-82	28. XII. 1868
21	[411]-449	93-96	[31. XII.] 1868	17	[1]-39	28. XII. 1869
22	[451]-506	97-100	[31. XII.] 1868	17	[41]-88	28. XII. 1869

## Volume 3

## Livraison 23

*Iconographie*. *Livraison* 23 comprises a title page, pages [1]-40, and plates 101-104. *Livraison* 23 was submitted to the Society on 9 August, 1868. The title page, which also is the title page of volume 3, is dated 1869. Page 37 (Explication des Planches) is dated 1868. The plates are dated 1869. This issue of *livraison* 23 is therefore assumed to have been published not earlier than 10 August, 1868, and not later than 31 December, 1869.

This issue of *livraison* 23 was recorded in *Petites Nouv. ent.* 1:51, issued 1 January, 1870, but was not recorded in *Zool. Rec.*

*Annales*. *Livraison* 23 was published in (N.S.) volume 18: [1]-40, plates 101-104, for the year 1870-71. We have not seen an original wrapper of volume 18 but the title page is dated 31 January, 1872, which is therefore accepted as the correct date of publication of this issue.

Volume 18 was recorded in *Biblphie Fr.* (2) 16:325, issued on 20 July, 1872.

This issue of *livraison* 23 was recorded in *Zool. Rec.* (1871) 8:350, issued (not earlier than May) 1873.

REMARKS. The two issues of *livraison* 23 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 23 was first published as part of the *Iconographie*.



## Livraison 24

*Iconographie.* *Livraison* 24 comprises pages [41]–80 and plates 105–108. *Livraison* 24 was submitted to the Society on 12 April, 1869. Page 77 (Explication des Planches) and the plates are dated 1869. This issue of *livraison* 24 is therefore assumed to have been published not earlier than 13 April and not later than 31 December, 1869.

This issue of *livraison* 24 was recorded in *Petites Nouv. ent.* 1 : 75, issued 1 April, 1870, but was not recorded in *Zool. Rec.*

*Annales.* *Livraison* 24 was published in (N.S.) volume 18 : [41]–80, plates 105–108, for the year 1870–71. We have not seen an original wrapper of volume 18 but the title page is dated 31 January, 1872, which is therefore accepted as the correct date of publication of this issue.

Volume 18 was recorded in *Biblphie Fr.* (2) 16 : 325, issued 20 July, 1872.

This issue of *livraison* 24 was recorded in *Zool. Rec.* (1871) 8 : 350, issued (not earlier than May) 1873.

REMARKS. The two issues of *livraison* 24 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 24 was first published as part of the *Iconographie*.

## Livraison 25

*Iconographie.* *Livraison* 25 comprises pages [81]–130 and plates 109–112. *Livraison* 25 was submitted to the Society on 10 January, 1870. Page 127 (Explication des Planches) and the plates are dated 1870. This issue of *livraison* 25 is therefore assumed to have been published not earlier than 11 January and not later than 31 December, 1870.

This issue was recorded in *Petites Nouv. ent.* 1 : 128, issued 15 July, 1871, but was not recorded in *Zool. Rec.* It was also recorded as having been received for the library of the Société des Sciences naturelles et historiques . . . de Cannes . . . at the meeting held on 10 May, 1871 (1874, *Mém. Soc. Sci. nat. hist. Cannes* 3 : 12).

*Annales.* *Livraison* 25 was published in (N.S.) volume 19 : [1]–48, [49], [50], plates 109–112, for the year 1872. The original wrapper and the title page are dated 31 December, 1872, which is therefore accepted as the correct date of publication of this issue.

Volume 19 was recorded in *Biblphie Fr.* (2) 17 : 361, issued 19 July, 1873.

This issue of *livraison* 25 was recorded in *Zool. Rec.* (1873) 10 : 370, issued (not earlier than April) 1875.

Pages 49 and 50 are erroneously numbered 129 and 140 respectively, the latter pagination being that of the *Iconographie*. This is an indication that the *Iconographie* was printed before the *Annales*.

REMARKS. The two issues of *livraison* 25 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 25 was first published as part of the *Iconographie*.



## Livraison 26

*Iconographie.* *Livraison* 26 comprises pages [131]–170 and plates 113–116. *Livraison* 26 was submitted to the Society on 14 February, 1870. Page 167 (Explication des Planches) and the plates are dated 1870. This issue of *livraison* 26 is therefore assumed to have been published not earlier than 15 February and not later than 31 December, 1870.

This issue was recorded in *Petites Nouv. ent.* **1**: 185, issued 15 February, 1872, but was not recorded in *Zool. Rec.* It was also recorded as having been received for the library of the Société des Sciences naturelles et historiques... de Cannes... at the meeting held on 10 April, 1872 (1874, *Mém. Soc. Sci. nat. hist. Cannes* **4**: 5).

*Annales.* *Livraison* 26 was published in (N.S.) volume **19**: [51]–90, plates 113–116, for the year 1872. The original wrapper and the title page are dated 31 December, 1872, which is therefore accepted as the correct date of publication of this issue.

Volume **19** was recorded in *Biblphie Fr.* (2) **17**: 361, issued 19 July, 1873.

This issue of *livraison* 26 was recorded in *Zool. Rec.* (1873) **10**: 370, issued (not earlier than April) 1975.

REMARKS. The two issues of *livraison* 26 agree except in pagination and signatures and appear to have been printed from the same type-set.

The above evidence indicates that *livraison* 26 was first published as part of the *Iconographie*.

The following *livraisons* (27–35) were issued only as part of the *Iconographie* and were never published in the *Annales*. All of these *livraisons* and the completion of this work were recorded in *Zool. Rec.* (1877) **14** (Insecta): 117, where 32 is erroneously cited for *livraison* 35.

## Livraison 27

*Iconographie.* *Livraison* 27 comprises pages [171]–194 and plates 117–120. *Livraison* 27 was submitted to the Society on 6 February, 1871. Page 193 (Explication des Planches) is not dated but the plates are dated 1871. This *livraison* is therefore assumed to have been published not earlier than 7 February and not later than 31 December, 1871.

The plates are marked 'Annales de la Société Linnéenne de Lyon' although, as stated above, this *livraison* was not published in the *Annales*.

This *livraison* was recorded in *Petites Nouv. ent.* **1**: 196, issued 1 April, 1872; it was also recorded as having been received for the library of the Société des Sciences naturelles et historiques... de Cannes... at the meeting held on 10 April, 1872 (1874, *Mém. Soc. Sci. nat. hist. Cannes* **4**: 5).

## Livraison 28

*Iconographie.* *Livraison* 28 comprises pages [195]–226 and plates 121–124. *Livraison* 28 was submitted to the Society on 6 February, 1871. Page 224 (Explication des Planches) and the plates are dated 1871. This *livraison* is therefore



assumed to have been published not earlier than 7 February and not later than 31 December, 1871.

This *livraison* was recorded in *Petites Nouv. ent.* 1:241 (erroneously cited as 23rd *livraison* but corrected to 28th on page 245), issued 15 September, 1872; it was also recorded as having been received for the library of the Société des Sciences naturelles et historiques... de Cannes... at the meeting held on 13 November, 1872 (1874, *Mém. Soc. Sci. nat. hist. Cannes* 4:19).

The legends to plates 123 and 124 (the latter erroneously cited as 120) are transposed. The plates are marked 'Annales de la Société Linnéenne de Lyon' although, as stated above, this *livraison* was not published in the *Annales*.

The text of this *livraison* was printed twice from different type-set, as can be seen from minor typographical errors and damaged type. The format appears to be identical, the text was apparently not revised, and errors such as transposed legends were not corrected; therefore the two impressions are not regarded as different editions.

The following *livraisons* (29-35) were not submitted to the Society and the plates (125-154) are not marked 'Annales de la Société Linnéenne de Lyon'.

#### Livraison 29

*Iconographie.* *Livraison* 29 comprises pages [227]-251 ([252] blank) and plates 125-128. Page 248 is signed by Millière and dated January, 1872. Page 249 (Explication des Planches) and the plates are dated 1872. This *livraison* was not recorded in *Petites Nouv. ent.*; however, it was recorded as having been received for the library of the Société des Sciences naturelles et historiques... de Cannes... at the meeting held on 13 November, 1872 (1874, *Mém. Soc. Sci. nat. hist. Cannes* 4:19). This *livraison* was therefore published not earlier than 1 January and not later than 13 November, 1872.

#### Livraison 30

*Iconographie.* *Livraison* 30 comprises pages [253]-274 and plates 129-132. Page 271 is signed by Millière and dated April, 1872. Page 272 (Explication des Planches) and the plates are dated 1872. This *livraison* is therefore assumed to have been published not earlier than April and not later than 31 December, 1872.

This *livraison* was recorded in *Petites Nouv. ent.* 1:297, issued 15 April, 1873; it was also recorded as having been received for the library of the Société des Sciences naturelles et historiques... de Cannes... at the meeting held on 26 February, 1873 (1874, *Mém. Soc. Sci. nat. hist. Cannes* 4:35).

#### Livraison 31

*Iconographie.* *Livraison* 31 comprises pages [275]-298 and plates 133-136. Page 296 is signed by Millière and dated November, 1872. Page 297 (Explication des Planches) is dated 1872 but the plates are dated 1873.

This *livraison* was not recorded in *Petites Nouv. ent.*; however, it was recorded as having been received (together with *livraison* 32) for the library of the Société



des Sciences naturelles et historiques... de Cannes... at the meeting held on 24 December, 1873 (1874, *Mém. Soc. Sci. nat. hist. Cannes* 4:56). There is no evidence that any of the *livraisons* were published out of sequence; consecutive pagination would otherwise have been difficult to maintain. Therefore it seems unlikely that this *livraison* was published later than *livraison* 32. As *livraison* 32 was published not later than 30 September, 1873 (see below), we consider that *livraison* 31 was published not earlier than November, 1872, and not later than 30 September, 1873.

#### Livraison 32

*Iconographie.* *Livraison* 32 comprises pages [299]–324 and plates 137–140. Page 320 is signed by Millière and dated January, 1873. Page 321 (Explication des Planches) and the plates are dated 1873. This *livraison* was recorded in *Petites Nouv. ent.* 1:341, issued 1 October, 1873, and was therefore published not earlier than January and not later than 30 September, 1873.

This *livraison* was also recorded as having been received for the library of the Société des Sciences naturelles et historiques... de Cannes... at the meeting held on 24 December, 1873 (1874, *Mém. Soc. Sci. nat. hist. Cannes* 4:56).

#### Livraison 33

*Iconographie.* *Livraison* 33 comprises pages [325]–360 and plates 141–144. Page 356 is signed by Millière and dated April, 1873. Page 357 (Explication des Planches) and the plates are dated 1873. This *livraison* is therefore assumed to have been published not earlier than April and not later than 31 December, 1873.

This *livraison* was recorded in *Petites Nouv. ent.* 1:381, issued 1 March, 1874.

#### Livraison 34

*Iconographie.* *Livraison* 34 comprises pages [361]–388 and plates 145–148. Page 384 is signed by Millière and dated February, 1874. Page 385 (Explication des Planches) and two of the plates (145, 146) are dated 1874. This *livraison* was recorded in *Petites Nouv. ent.* 1:422, issued 1 August, 1874, and was therefore published not earlier than February and not later than 31 July, 1874.

This *livraison* was also recorded as having been received for the library of the Société des Sciences naturelles et historiques... de Cannes... at the meeting held on 28 October, 1874 (1876, *Mém. Soc. Sci. nat. hist. Cannes* 6:[111]).

Two of the plates (147, 148) are dated 1873. However, this date is assumed to be erroneous as there is no evidence to suggest that these plates were published prior to the text and plates 145, 146.

#### Livraison 35

*Iconographie.* *Livraison* 35 comprises pages [389]–488 and plates 149–154. Page 454 is signed by Millière and dated May, 1874. Page 467 of the 'Addenda et Corrigenda' is signed by Millière and dated June, 1874. Page 445 (Explication des Planches) and the plates are dated 1874. This *livraison* is therefore assumed to have been published not earlier than June and not later than 31 December, 1874.



An index (Table générale des matières contenues dans les trois volumes) to volumes 1-3 is included in *livraison* 35 (pages 469-488) and forms part of the *Iconographie*.

This *livraison* was recorded in *Petites Nouv. ent.* 1 : 489, issued 15 April, 1875.

TABLE 3

*Iconogr. Descr. Chenilles Lépid. inédits*  
Volume 3

<i>Iconogr. Descr. Chenilles Lépid. inédits</i>				<i>Annls Soc. linn. Lyon</i>		
liv.	pages	plates	date	vol.	pages	date
23	[1]-40	101-104	[31. XII.] <b>1869</b>	18	[1]-40	31. I. 1872
24	[41]-80	105-108	[31. XII.] <b>1869</b>	18	[41]-80	31. I. 1872
25	[81]-130	109-112	[31. XII.] <b>1870</b>	19	[1]-48, [49], [50]	31. XII. 1872
26	[131]-170	113-116	[31. XII.] <b>1870</b>	19	[51]-90	31. XII. 1872
27	[171]-194	117-120	[31. XII.] <b>1871</b>	—	—	—
28	[195]-226	121-124	[31. XII.] <b>1871</b>	—	—	—
29	[227]-251	125-128	[13. XI.] <b>1872</b>	—	—	—
30	[253]-274	129-132	[31. XII.] <b>1872</b>	—	—	—
31	[275]-298	133-136	[30. IX.] <b>1873</b>	—	—	—
32	[299]-324	137-140	[30. IX.] <b>1873</b>	—	—	—
33	[325]-360	141-144	[31. XII.] <b>1873</b>	—	—	—
34	[361]-388	145-148	[31. VII.] <b>1874</b>	—	—	—
35	[389]-488	149-154	[31. XII.] <b>1874</b>	—	—	—

## PART II

## Catalogue raisonné des Lépidoptères (du Département) des Alpes-Maritimes

Between 1871 and 1876 Millière published under the above title a work in three *parties*. These *parties* were also published in *Mém. Soc. Sci. nat. hist. Cannes* (1872-76). Details of each *partie* and the established dates of publication are tabulated below (Table 4). The tables contain the pagination of each issue of every *partie*. As the plates in the *Mém. Soc. Sci. nat. hist. Cannes* do not differ from those in the *Cat. raisonné Lépid. Alpes-Maritimes*, details are given only once. The established dates for each issue are included; the earliest date is given in bold type. The tables are followed by a detailed discussion of all available evidence. All taxa described by Millière in the *Cat. raisonné Lépid. Alpes-Maritimes* are included in the catalogue which forms part V of the present paper.

Throughout part II of our work the term 'issue' is used to distinguish the publication of a *partie* in the *Cat. raisonné Lépid. Alpes-Maritimes* from that in the *Mém. Soc. Sci. nat. hist. Cannes*.

We have examined five complete sets of the *Cat. raisonné Lépid. Alpes-Maritimes*, one separate copy of *partie* 2, and two separate copies of *partie* 3. One of the sets originated from the library of P. Millière, another is personally signed by Millière and was presented to R. Galichon.

A complete run of the *Mém. Soc. Sci. nat. hist. Cannes* in the British Museum (Natural History) and a run lacking volume 7 in the Muséum national d'Histoire



naturelle have been examined. The relevant volumes have their original wrappers preserved. From unbound copies in Paris it can be seen that each volume was published complete and not in parts.

In establishing the dates of publication of the three *parties* the following evidence was taken into consideration: dates on the original wrappers (when present) and title pages, the date on which Millière signed a *partie*, any further dates cited in the text, and the dates on the plates. Reference was made to *Lépidoptérologie*, *Biblphie Fr.*, *Mém. Soc. Sci. nat. hist. Cannes*, *Petites Nouv. ent.*, and *Zool. Rec.* for any additional evidence.

Original wrappers exist for *partie 2*, *partie 3*, and jointly for *parties 1* and *2*. No separate wrapper was found for *partie 1* although it seems likely that one was issued in 1871. The dates on the wrappers agree with those on the corresponding title pages, except for *partie 3*.

A title page was issued with each of the three *parties*. In addition, a joint title page was issued for *parties 1* and *2*.

Pages [384]–413 of *partie 3* form a supplement to *parties 1* and *2*. A second supplement was published in *Naturalista sicil.*, volumes **4** and **5** (1885–86); it also forms part of a separate work published under the title *Catalogue raisonné des Lépidoptères des Alpes-Maritimes, 2<sup>e</sup> Supplément et Notes entomologiques diverses*, which is discussed in part IV of the present paper (see page 261).

Derksen & Scheiding-Göllner (1968:105) erroneously recorded as the first supplement a paper by Millière (1880) entitled 'Lépidoptères des Alpes-Maritimes'.

The *Mém. Soc. Sci. nat. hist. Cannes*, volumes **2** and **5**, were recorded in *Biblphie Fr.*; volume **3** and the *Cat. raisonné Lépid. Alpes-Maritimes, parties 1–3*, were not recorded.

In *Zool. Rec.* the publication of *parties 1* and *2* was recorded; *partie 3* was not recorded.

### Partie 1

*Cat. raisonné Lépid. Alpes-Maritimes. Partie 1* comprises a fly-leaf (page [1]), a title page (page [3]), and pages [5]–135. We have not seen an original wrapper although such wrappers exist for *parties 2* and *3*. The title page is dated Cannes 1871. *Partie 1* was dated 1871 and recorded as 'extr. Mém. Soc. Cannes. Jan. 1871' in *Zool. Rec.* (1873) **10**: 373, issued (not earlier than April) 1875. The date for *partie 2*, which is recorded in the same place, refers to a meeting of the Society at which *partie 2* was announced. In our opinion 'Jan. 1871' does not constitute the date of publication but refers to a similar meeting; however, no such meeting was recorded in *Mém. Soc. Sci. nat. hist. Cannes*. This issue of *partie 1* is therefore assumed to have been published not earlier than 1 January and not later than 31 December, 1871.

The title reads 'Catalogue raisonné des Lépidoptères du Département des Alpes-Maritimes'. The title page is not marked 'Première Partie' or 'Extrait des Mémoires...'.

*Partie 1* was also issued in 1873, together with *partie 2*. The two *parties* have a joint original wrapper and a joint title page. The original wrapper and the title



page are dated Cannes 1873, and marked 'Extrait des Mémoires de la Société des Sciences naturelles, des Lettres et des Beaux-Arts de Cannes et de l'arrondissement de Grasse. (Séance de mars 1873.). Première & Seconde Parties'. The title differs from that of 1871 in that 'du Département' has been omitted.

*Mém. Soc. Sci. nat. hist. Cannes. Partie 1* was published in volume 2 : [89]–219. The title page of volume 2 is dated 1870 ; however, the original wrapper is dated 1872. Volume 2 was recorded in *Biblioph. Fr.* (2) 16 : 390, issued 24 August, 1872. This issue of *partie 1* was therefore published not earlier than 1 January and not later than 23 August, 1872.

Although not seen by the recorder this issue was recorded in *Zool. Rec.* (1871) 8 : 350, issued (not earlier than 1 June) 1873, where it was erroneously referred to 'Bull. Soc. Yonne, 1871'.

Page [89] is headed 'Catalogue raisonné des Lépidoptères du Département des Alpes-Maritimes . . .'; the corresponding page [5] of the *Cat. raisonné Lépid. Alpes-Maritimes* lacks this heading. On page 91 the final E in 'MILLIÈRE' is inverted ; it is not inverted on the corresponding page 7 of the *Cat. raisonné Lépid. Alpes-Maritimes*. The family Cymatophoridae (pages 164–165) precedes the Caradrinidae (pages 165–166) ; in the *Cat. raisonné Lépid. Alpes-Maritimes* (pages 80–82) this order is reversed.

REMARKS. The two issues agree except in pagination, signatures, and the above noted discrepancies ; they appear to have been printed from the same type-set.

The above evidence indicates that *partie 1* was first published as part of the *Cat. raisonné Lépid. Alpes-Maritimes*.

## Partie 2

*Cat. raisonné Lépid. Alpes-Maritimes. Partie 2* comprises an original wrapper, a fly-leaf (page [137]), a title page (page [139]), and pages [141]–247. The original wrapper and the title page are dated Cannes 1873. The original wrapper (but not the title page) is marked 'Extrait des Mémoires de la Société des Sciences naturelles, des Lettres et des Beaux-Arts de Cannes et de l'arrondissement de Grasse. (Séance de mars 1873.)'. Page 247 is dated 25 October, 1873. The donation of the *Cat. raisonné Lépid. Alpes-Maritimes* to the Société des Sciences naturelles . . . Cannes . . . was recorded in the minutes of the meeting held on 24 December, 1873 (1874, *Mém. Soc. Sci. nat. hist. Cannes* 4 : 56). In our opinion this can only refer to *partie 2*. This issue of *partie 2* was therefore published not earlier than 26 October and not later than 24 December, 1873.

*Partie 2* was dated 1873 and recorded as 'extr. Mém. Soc. Cannes. March, 1873' in *Zool. Rec.* (1873) 10 : 373, issued (not earlier than April) 1875. The date 'March, 1873' refers to a meeting of the Society held on 26 March, 1873, at which *partie 2* was mentioned in 'Rapport sur les Travaux de la Société' (1874, *Mém. Soc. Sci. nat. hist. Cannes* 3 : 297). In our opinion this announcement indicates that the manuscript had either been submitted to the Society or was near to completion. Subsequently, Millière added further notes, the last on 25 October, 1873.

*Partie 2* was also issued together with *partie 1*. The two *parties* have a joint original wrapper and a joint title page. The original wrapper and the title page



are dated Cannes 1873, and marked 'Extrait des Mémoires de la Société des Sciences naturelles, des Lettres et des Beaux-Arts de Cannes et de l'arrondissement de Grasse. (*Séance de mars* 1873.). Première & Seconde Parties'.

*Mém. Soc. Sci. nat. hist. Cannes.* *Partie 2* was published in volume 3: [161]–267. The title page of volume 3 is dated 1873; however, the original wrapper is dated 1874. This issue of *partie 2* is therefore assumed to have been published not earlier than 1 January and not later than 31 December, 1874.

Volume 3 was not recorded in *Biblphie Fr.*

REMARKS. The two issues agree except in pagination, signatures, and some minor discrepancies; they appear to have been printed from the same type-set.

The above evidence indicates that *partie 2* was first published as part of the *Cat. raisonné Lépid. Alpes-Maritimes*.

### Partie 3

*Cat. raisonné Lépid. Alpes-Maritimes.* *Partie 3* comprises an original wrapper, a title page (page [249]), pages [251]–455, and plates I, II. The original wrapper is dated Paris 1876; the title page is dated Cannes 1875; the plates are dated 1876. The wrapper is marked 'Extrait des Mémoires de la Société des Sciences Naturelles, des Lettres et des Beaux-Arts de Cannes et de l'arrondissement de Grasse. (*Séance du 10 novembre* 1875).'. Page 252 is signed by Millièrre and dated October, 1875.

Millièrre completed the manuscript in October, and it was probably submitted to the Society on 10 November, 1875, although this was not recorded in the minutes of the meeting held on that date (1876, *Mém. Soc. Sci. nat. hist. Cannes* 6: xxxi–xxxiv). Reference to this issue of *partie 3* was made throughout *fascicule 1* of the *Lépidoptérologie*. That *fascicule* is signed by Millièrre and dated May, 1876. This issue of *partie 3* is therefore assumed to have been published not earlier than 1 January and not later than 31 May, 1876.

Stainton's copy of *partie 3* bears the inscription in his handwriting 'recd. 28.9.76. H.T.S[tainton].'. This issue of *partie 3* was recorded in *Petites Nouv. ent.* 2: 79, 80, issued 15 October, 1876. The donation of *partie 3* of the *Cat. raisonné Lépid. Alpes-Maritimes* to the Société des Sciences naturelles... Cannes... was recorded in the minutes of the meeting held on 23 January, 1877 (1879, *Mém. Soc. Sci. nat. hist. Cannes* 8: 25).

*Mém. Soc. Sci. nat. hist. Cannes.* *Partie 3* was published in volume 5: [51]–216, pls I, II. The original wrapper and the title page of volume 5 are dated 1875. All plates in that volume other than those which accompany Millièrre's paper are dated 1876, and a footnote on page 223 refers to periodicals published from 1860–76. This issue of *partie 3* is therefore assumed to have been published not earlier than 1 January and not later than 31 December, 1876.

Volume 5 was recorded in *Biblphie Fr.* (2) 21: 418, issued 28 July, 1877.

REMARKS. The plates are marked 'Annales des Sciences naturelles de Cannes' [*recte*: *Mém. Soc. Sci. nat. hist. Cannes*]. Subsequently the plates were used to illustrate *fascicule 1* of the *Lépidoptérologie*, which was published in 1881 (see page 253).



The two issues agree except in pagination and signatures, and appear to have been printed from the same type-set.

The above evidence indicates that *partie* 3 was first published as part of the *Cat. raisonné Lépid. Alpes-Maritimes*.

TABLE 4

*Cat. raisonné Lépid. Alpes-Maritimes*

<i>Cat. raisonné Lépid. Alpes-Maritimes</i>				<i>Mém. Soc. Sci. nat. hist. Cannes</i>			
partie	pages	pls	date	vol.	pages	pls	date
1	[1]-135	—	[31. XII.] 1871	2	[89]-219	—	[23. VIII.] 1872
2	[137]-247	—	[24. XII.] 1873	3	[161]-267	—	[31. XII.] 1874
1, 2	[1]-247	—	[31. XII.] 1873	—	—	—	—
3	[249]-455	I, II	[31. V.] 1876	5	[51]-216	I, II	[31. XII.] 1876

## PART III

## Lépidoptérologie

In 1881 and 1882 Millière published under the above title a work in two un-numbered volumes, here termed [1] and [2], comprising 8 *fascicules*. With the exception of numbers 1, 6 and 7 the *fascicules* were also published between 1877 and 1883 in the *Annls Soc. ent. Belg.*, *Mém. Soc. Sci. nat. hist. Cannes*, or *Annls Soc. linn. Lyon*.

As the exact date of publication of each *fascicule* was unknown, incorrect dates have sometimes been cited in the literature. Therefore it was necessary to establish as accurately as possible from all available evidence the date of publication of each *fascicule*. Details of each *fascicule* and the established dates of publication are tabulated below (Table 5), the tables containing the pagination of each issue of every *fascicule*. As the plates in the above journals do not differ from those in the *Lépidoptérologie* details are given only once. The tables are followed by a detailed discussion of all available evidence. All taxa described as new by Millière in the *Lépidoptérologie* are included in the catalogue which forms part V of the present paper.

Throughout part III of our work the term 'issue' is used to distinguish the publication of a *fascicule* in the *Lépidoptérologie* from that in a periodical.

We have examined five complete sets of the *Lépidoptérologie*, incomplete copies of *fascicules* 5 and 7, and a reprint from *Annls Soc. ent. Belg.* of the paper which also forms *fascicule* 2 of the *Lépidoptérologie*, as well as runs of the above-mentioned journals.

In establishing the dates of publication of the individual *fascicules* the following evidence was taken into consideration: dates on the original wrappers and title pages (when present), the date on which Millière signed some of the *fascicules*, any further dates cited in the text, and the dates on the plates. Reference was made to *Biblphie Fr.*, *Naturaliste*, *Petites Nouv. ent.*, and *Zool. Rec.* for any additional evidence.



All examined copies are bound in one of two different types of binding. Both types are found in London as well as in Paris and in addition were used for presentation copies of other works of Millière; it must therefore be assumed that such binding is original.

All copies which have come to our notice are bound and were issued by Millière as complete volumes. There is evidence that, prior to the publication of these volumes, *fascicules* [3] and [4] were also issued separately; no such evidence was found for the remaining *fascicules*.

It is apparent that only a limited number of copies was produced. These were privately distributed and we have never found the work advertised for sale by Millière.

Four of the above-mentioned sets of the *Lépidoptérologie* are personally signed by Millière, a set having been presented to each of the following: E. Blanchard, the Société entomologique de France, H. T. Stainton, and Lord Walsingham. The fifth set is signed by Charles Millière, brother of Pierre Millière, and was presented to A. Laboulbène. A further set of the *Lépidoptérologie*, which was dedicated by Millière to Baron Huene, is found in the Zoologische Sammlung des Bayerischen Staates, Munich, and was not examined by us.

No original wrappers were found for the two volumes or any of their parts, except for *fascicule* [3] which has an original wrapper but no title page. A title page was issued with each of the two volumes and with *fascicule* [4].

Original wrappers, which are preserved for the relevant volumes of the *Annls Soc. ent. Belg.*, *Mém. Soc. Sci. nat. hist. Cannes*, and *Annls Soc. linn. Lyon*, indicate that each volume was issued complete in one part. In each case the date on the wrapper agrees with that on the title page.

Neither volume [1] nor volume [2] nor any of their *fascicules* were recorded in *Biblphie Fr.* Of the relevant journals only *Mém. Soc. Sci. nat. hist. Cannes*, volume 7 was recorded in *Biblphie Fr.*

In *Zool. Rec.* the publication of *fascicules* 1-7 as a complete volume of the *Lépidoptérologie* was recorded. The contents of *fascicules* 2, [4], and 5 were recorded in *Zool. Rec.*, either with or without reference to the *Lépidoptérologie*.

In *Petites Nouv. ent.*, which ceased publication on 15 March, 1879, when it was followed by *Naturaliste*, only *fascicules* [3] and [4] of the *Lépidoptérologie* were recorded. In *Naturaliste* the publication of *fascicules* 1-7 as a complete volume was recorded.

### Volume [1]

Volume [1] comprises a fly-leaf marked 'Lépidoptérologie, Sept Fascicules', a lithograph depicting Millière, a title page to *fascicules* 1-7, dated Cannes, 1881, and *fascicules* 1-7 with twelve coloured plates. Each *fascicule* has independent pagination. The plates are all bound together at the end of the volume and their numbering is not consecutive.

The latest date mentioned in volume [1] is 14 May, 1881 (*fascicule* 7:3). Stainton's copy of that volume bears the inscription in his handwriting 'recd.



14.11.81. H.T.S[tainton]'. Volume [1] was therefore published not earlier than 15 May and not later than 13 November, 1881.

*Fascicules* [3] and [4] are not marked as such in print; however, at the time of issue '3<sup>e</sup> fasc.' or '4<sup>e</sup> fasc.' as appropriate had generally been inserted in pencil or ink above the title. The appropriate *fascicule* number is likewise indicated at the top of each of the plates of *fascicules* 1-7. In each case the handwriting is identical.

A few inconsistencies are found in the numbering of the plates, although it appears that some attempt was made to number them consecutively. The reasons for these inconsistencies are unknown and no satisfactory explanation can be given.

### Fascicule 1

*Lépidoptérologie*. *Fascicule* 1 comprises pages [1]-16 and plates I, II. We have not seen an original wrapper or a title page and it is probable that none were issued. Page [1] is headed 'Lépidoptérologie. Premier fascicule. Mémoire extrait des Annales de la Société des Sciences naturelles, Arts et Belles-Lettres de Cannes. (Année 1875.)'. Page 14 is signed by Millière and dated May, 1876. The plates are marked 'Annales des Sciences naturelles de Cannes. Année 1875'.

The text is a compilation of species which had been described or dealt with previously by Millière in *Cat. raisonné Lépid. Alpes-Maritimes* (see part II) or *Revue Mag. Zool.* (1874), and which were illustrated on the two plates. The statement that *fascicule* 1 is extracted from the *Mém. Soc. Sci. nat. hist. Cannes* (erroneously cited as *Annales*) is incorrect.

The two plates were originally used to illustrate the third and last part of the *Cat. raisonné Lépid. Alpes-Maritimes*, which was first published in 1876. The *Cat. raisonné Lépid. Alpes-Maritimes*, including the two plates, was also published in *Mém. Soc. Sci. nat. hist. Cannes* with different pagination (see part II).

*Fascicule* 1 was not recorded in *Biblphie Fr.* and *Petites Nouv. ent.*; however, the publication in 1881 of *fascicules* 1-7 as a complete volume was recorded in *Naturaliste* 4: 32, issued 15 February, 1882, and in *Zool. Rec.* (1881) 18 (Insecta): 141, issued (not earlier than December) 1882.

The legend to plate 2, figure 12 (page 16) is erroneous and should read '*Ergatis staticella*'.

The above evidence indicates that only one issue of *fascicule* 1 was ever published. Although Millière completed the manuscript in May, 1876, there is no evidence that *fascicule* 1 was published before 1881, the date on the title page of volume [1]. Volume [1] was received by Stainton on 14 November, 1881 (see page 252). *Fascicule* 1 was therefore published not earlier than 15 May, 1876, and not later than 13 November, 1881. We consider that it was published in 1881 as part of volume [1].

### Fascicule 2

*Lépidoptérologie*. *Fascicule* 2 comprises pages [1]-14, and plate I. We have not seen an original wrapper or title page and it is probable that none were issued. Page [1] is headed 'Lépidoptérologie. Deuxième Fascicule. Six Espèces de



Chenilles inédites des Environs de Cannes (Alpes-Maritimes). Extrait des Annales de la Société Entomologique de Belgique (Année 1877.)'. Page 13 (= 66 of the *Annls Soc. ent. Belg.*) is signed by Millière and dated March, 1877; however, page 12 (= 65 of the *Annls Soc. ent. Belg.*) has a footnote (on *Eupithecia mnemosynata* Millière) written on 14 August, 1877, in which Millière states that he had a number of pupae from which he did not expect moths to emerge until September. In an additional note (which is not found in the *Annls Soc. ent. Belg.*) on page 13 Millière confirms that the moths emerge in the autumn. The plate is marked 'Annales de la Société entomologique de Belgique. Tome XX'.

This issue of *fascicule 2* was reprinted from *Annls Soc. ent. Belg.* from different type-set, with a slightly different title, some changes in format, and the addition of a short note on page 13. Some of the legends in the 'Explication des Figures' (page 66) are out of sequence in *Annls Soc. ent. Belg.*; this has not been corrected in the resetting of the *Lépidoptérologie*.

This issue of *fascicule 2* was not recorded in *Biblphie Fr.* and *Petites Nouv. ent.*; however, the publication in 1881 of *fascicules 1-7* as a complete volume was recorded in *Naturaliste* 4: 32, issued 15 February, 1882, and in *Zool. Rec.* (1881) 18 (Insecta): 141, issued (not earlier than December) 1882.

Millière dated the manuscript March, 1877, and added further notes on 14 August, 1877, and in autumn, 1877. There is no evidence that *fascicule 2* was published before 1881, the date on the title page of volume [1]. Volume [1] was received by Stainton on 14 November, 1881 (see page 252). This issue of *fascicule 2* was therefore published not earlier than autumn, 1877 and not later than 13 November, 1881. We consider that it was published in 1881 as part of volume [1].

*Annls Soc. ent. Belg.* *Fascicule 2* was published in volume 20: [58]-66, pl. I. The original wrapper and title page of volume 20 are dated 1877. The volume includes the minutes of the meeting of the Society held on 26 December, 1877. It is therefore assumed to have been published not earlier than 27 December and not later than 31 December, 1877.

It is possible that volume 20 was not issued until early in the year 1878; however, its contents were recorded in *Zool. Rec.* (1877) 14 (Insecta), issued (not earlier than July) 1879. Subsequently the date 1877 has generally been accepted for the references to the species included in Millière's paper.

Millière's manuscript was submitted to the Société entomologique de Belgique on 3 March, 1877; this was also recorded in the minutes of the meeting held on that date (1877, *Annls Soc. ent. Belg.* 20: XVI). Page 66 is dated (but not signed by Millière) 26 February, 1877.

In the 'Explication des Figures' (page 66) some of the legends are out of sequence. In the plate of this issue deterioration of the pigments has occurred.

This issue of *fascicule 2* was also reprinted with different pagination, odd-numbered pages becoming even-numbered and vice versa. The reprint has a grey, unmarked wrapper and comprises pages [1]-11, plate I. Page [1] is a title page which bears the full title and the name of the author, is marked 'Extrait des Annales de la Société Entomologique de Belgique' and is dated 1877. Page [3] (= page 58 of the *Annls Soc. ent. Belg.*) has a slightly modified heading. Apart



from these differences the reprint agrees with the issue in the *Annls Soc. ent. Belg.* and appears to have been printed from the same type-set.

REMARKS. The above evidence indicates that *fascicule 2* was first published in *Annls Soc. ent. Belg.*

### Fascicule [3]

*Lépidoptérologie.* *Fascicule* [3] comprises an original wrapper, pages [1]–24, and plates III, IV. We have not seen a title page and it is possible that none was issued. The original wrapper is marked 'Extrait des Mémoires de la Société des Sciences Naturelles et Historiques des Lettres et des Beaux-Arts de Cannes (Alpes-Maritimes). Tome VII, Année 1878. Cannes. Imprimerie et Lithographie H. Vidal, Rue Bossu. 1879.', and differs from the original wrapper of the *Mém. Soc. Sci. nat. hist. Cannes* in colour, contents, format and type-face as well as in the date. Page [1] is headed 'Lépidoptérologie'. This part is not marked *fascicule 3* in print; however, at the time of issue '3<sup>e</sup> fasc.' had generally been inserted in pencil or ink above the title. Page 22 is initialled by Millière and dated 30 September, 1878. The plates are marked 'Annales des Sciences Naturelles de Cannes. Année 1878'.

In the *Mém. Soc. Sci. nat. hist. Cannes* (page 41), *fascicule* [3] is dated (but not signed by Millière) May, 1878. The 'Explication des Figures' (pages 42, 43) is followed on page 43 by a postscript which is initialled by Millière and dated 30 September, 1878. In the *Lépidoptérologie*, *fascicule* [3] is initialled by Millière and dated only once (on page 22), 30 September, 1878. The postscript is placed before the 'Explication des Figures' (pages 23, 24) and has been enlarged by additional paragraphs. The plates in the *Mém. Soc. Sci. nat. hist. Cannes* are uncoloured.

This issue of *fascicule* [3] was recorded in *Petites Nouv. ent.* 2 : 308, issued 1 March, 1879, and was therefore published not earlier than 1 January, 1879, and not later than 28 February, 1879.

This issue was not recorded in *Biblphie Fr.*; however, the publication in 1881 of *fascicules* 1–7 as a complete volume was recorded in *Naturaliste* 4 : 32, issued 15 February, 1882, and in *Zool. Rec.* (1881) 18 (Insecta) : 141, issued (not earlier than December) 1882.

*Mém. Soc. Sci. nat. hist. Cannes.* *Fascicule* [3] was published in volume 7 : [20]–43, plates III, IV. The original wrapper and title page of volume 7 are dated 1878. Pages [151]–155 contain a eulogy which was delivered to the Société des Sciences naturelles . . . Cannes . . . on 3 April, 1879. Volume 7 was recorded in *Biblphie Fr.* (2) 23 : 384, issued 21 June, 1879. It was therefore published not earlier than 4 April and not later than 20 June, 1879. The plates of this issue are uncoloured.

REMARKS. The two issues of *fascicule* [3] agree except in pagination, signatures, and the above-noted differences and appear to have been printed from the same type-set. As the postscript contains two additional paragraphs, and as the earlier date was omitted, it must be assumed that the issue in the *Lépidoptérologie* was printed after that in the *Mém. Soc. Sci. nat. hist. Cannes*, although it was published earlier.



The above evidence indicates that the article which forms *fascicule* [3] of the *Lépidoptérologie* was first published as an independent paper.

#### Fascicule [4]

*Lépidoptérologie*. *Fascicule* [4] comprises pages [1] (title page)–14, [15] (Explication de la Planche), and plate 155. We have not seen an original wrapper and it is possible that none was issued. The title page (page [1]) is marked 'Iconographie et Description de Chenilles et Lépidoptères inédits par P. Millière, Lauréat de la Sorbonne (Médaille d'Or). Extrait des Annales de la Société Linnéenne. Lyon. Imprimerie Pitrat Ainé, 4, Rue Gentil. 1878'. The plate is marked 'Annales de la Société Linnéenne de Lyon. Année 1878. Pl. 155.'. This part is not signed or dated by Millière. It is not marked *fascicule* 4 in print; however, at the time of issue '4<sup>e</sup> fasc.' had generally been inserted in pencil or ink above the title or on the plate.

As the title page is dated 1878 and the latest date mentioned in the *fascicule* is 11 June, 1878, this issue of *fascicule* [4] is assumed to have been published not earlier than 12 June, and not later than 31 December, 1878.

This issue of *fascicule* [4] was recorded in *Petites Nouv. ent.* 2: 308, issued 1 March, 1879, but was not recorded in *Biblphie Fr.* The publication in 1881 of *fascicules* 1–7 as a complete volume was recorded in *Naturaliste* 4: 32, issued 15 February, 1882, and in *Zool. Rec.* (1881) 18 (Insecta): 141, issued (not earlier than December) 1882.

*Annls Soc. linn. Lyon*. *Fascicule* [4] was published in (N.S.) 25: [1]–12, Explication de la Planche, plate 155. The original wrapper and title page of volume 25 are dated October, 1878; however, the manuscript of a paper by Mulsant & Rey (*Annls Soc. linn. Lyon* (N.S.) 25: [323]–325) was submitted to the Société Linnéenne de Lyon on 11 November, 1878 (see page [323]). Volume 25 containing this issue of *fascicule* [4] is therefore assumed to have been published not earlier than 12 November and not later than 31 December, 1878. Volume 25 was not recorded in *Biblphie Fr.*

It is possible that volume 25 was not issued until 1879, as this issue of *fascicule* [4] was recorded in *Zool. Rec.* (1879) 16 (Insecta): 124, issued (not earlier than April) 1881.

REMARKS. The title of this article suggests that it was originally intended as a continuation of the *Iconogr. Descr. Chenilles Lépid. inédits*, which is discussed in part I of the present paper. This opinion is further supported by the plate number which is 155; the last plate of the *Iconogr. Descr. Chenilles Lépid. inédits* is numbered 154.

The two issues of *fascicule* [4] agree except in pagination and signatures and appear to have been printed from the same type-set, that in *Annls Soc. linn. Lyon* having been printed first. Page 13 of the issue in the *Lépidoptérologie* was not repaginated and thus still bears the original pagination (page 11) of the *Annls Soc. linn. Lyon*. In the *Annls Soc. linn. Lyon* the plate and the 'Explication de la Planche' precede the text. The 'Explication de la Planche' is not included



in the pagination of volume 25 and lacks the printer's signature which is found at the bottom of the corresponding page of the issue in the *Lépidoptérologie*.

We assume that the article which forms *fascicule* [4] of the *Lépidoptérologie* was first published in the *Annls Soc. linn. Lyon*.

#### Fascicule 5

*Lépidoptérologie*. *Fascicule* 5 comprises pages [1]–31, and plates V–VII. We have not seen a title page or an original wrapper and it is probable that none were issued. Page [1] is marked 'Lépidoptérologie. Cinquième Fascicule. Mémoire présenté à la Société des Sciences naturelles, des Lettres et des Beaux-Arts de Cannes. (Séance du 26 Mars 1879)'. Page 17 is signed by Millière and dated March, 1879; page 29 is signed and dated November, 1879. The plates are marked 'Annales des Sciences Naturelles de Cannes. Année 1879.'

This issue of *fascicule* 5 was not recorded in *Biblphie Fr.*; however, the publication in 1881 of *fascicules* 1–7 as a complete volume was recorded in *Naturaliste* 4: 32, issued 15 February, 1882, and in *Zool. Rec.* (1881) 18 (Insecta): 141, issued (not earlier than December) 1882. Although Millière completed the manuscript in November, 1879, there is no evidence that this issue of *fascicule* 5 was published before 1881, the date on the title page of volume [1]. Volume [1] was received by Stainton on 14 November, 1881 (see page 252). This issue of *fascicule* 5 was therefore published not earlier than November, 1879 and not later than 13 November, 1881. We consider that it was published in 1881 as part of volume [1].

An incomplete copy of *fascicule* 5, comprising pages [1]–16 (no plates), exists in the Walsingham reprint library (British Museum (Natural History)).

*Mém. Soc. Sci. nat. hist. Cannes*. *Fascicule* 5 was published in volume 8: [109]–139, plates V–VII. The original wrapper and title page of volume 8 are dated 1879. Page 152 is dated December, 1879. Volume 8, which includes this issue of *fascicule* 5, is therefore assumed to have been published not earlier than 2 December and not later than 31 December, 1879.

It is possible that volume 8 was not issued until 1880 as this issue of *fascicule* 5, although not seen by the recorder, was recorded in *Zool. Rec.* (1880) 17 (Insecta): 125, issued (not earlier than December) 1881. Subsequently, however, the date 1879 has been generally accepted for the references to the species included in Millière's paper. Volume 8 was not recorded in *Biblphie Fr.*

The plates of this issue of *fascicule* 5 are uncoloured.

REMARKS. The two issues of *fascicule* 5 agree except in pagination and signatures and appear to have been printed from the same type-set.

*Fascicule* 5 consists of two parts both of which are signed and dated. The first part deals with the species illustrated on plates V and VI, the second with those illustrated on plate VII.

The above evidence indicates that *fascicule* 5 was first published in *Mém. Soc. Sci. nat. hist. Cannes*.

#### Fascicule 6

*Lépidoptérologie*. *Fascicule* 6 comprises pages [1]–20, and plates VIII, IX. We have not seen a title page or an original wrapper and it is probable that none were



issued. Page [1] is headed 'Lépidoptérologie. Sixième Fascicule'. Page 19 is signed by Millière and dated April, 1880. The plates are marked 'Annales des Sciences Naturelles de Cannes. Année 1880.'

*Fascicule 6* was not recorded in *Biblphie Fr.*; however, the publication in 1881 of *fascicules 1-7* as a complete volume was recorded in *Naturaliste* 4: 32, issued 15 February, 1882, and in *Zool. Rec.* (1881) 18 (Insecta): 141, issued (not earlier than December) 1882.

The only species described as new by Millière in *fascicule 6* has generally been dated 1880 and cited as published in *Mém. Soc. Sci. nat. hist. Cannes* (erroneously referred to as *Annales*).

The available evidence indicates that only one issue of *fascicule 6* was ever published. Millière completed the manuscript in April, 1880, and on page 5 records an observation made on 21 August, 1880, but there is no evidence that *fascicule 6* was published before 1881, the date on the title page of volume [1]. Volume [1] was received by Stainton on 14 November, 1881 (see page 252). *Fascicule 6* was therefore published not earlier than 22 August, 1880, and not later than 13 November, 1881. We consider that it was published in 1881 as part of volume [1].

*Mém. Soc. Sci. nat. hist. Cannes.* As stated above the plates are marked 'Annales...' (recte *Mémoires*). This indicates that *fascicule 6* was to have formed part of *Mém. Soc. Sci. nat. hist. Cannes*, volume 9 (1880), which volume was never published (British Museum (Natural History), 1910: 1316). For the same reason references to the species dealt with in *fascicule 6* have been erroneously cited as 'Ann. Sc. Cannes'.

### Fascicule 7

*Lépidoptérologie.* *Fascicule 7* comprises pages [1]-22, and plate X. We have not seen a title page or an original wrapper and it is probable that none were issued. Page [1] is headed 'Lépidoptérologie. Septième Fascicule'. Page 21 is signed by Millière and dated April, 1881. The plate is marked 'Annales des Sciences Naturelles de Cannes. Année 1880.'

*Fascicule 7* was not recorded in *Biblphie Fr.*; however, the publication in 1881 of *fascicules 1-7* as a complete volume was recorded in *Naturaliste* 4: 32, issued 15 February, 1882, and in *Zool. Rec.* (1881) 18 (Insecta): 141, issued (not earlier than December) 1882.

The species described as new by Millière in *fascicule 7* have generally been dated 1880 and cited as published in *Mém. Soc. Sci. nat. hist. Cannes* (erroneously referred to as *Annales*).

The available evidence indicates that only one issue of *fascicule 7* was ever published. Millière completed the manuscript in April, 1881, and on page 3 refers to 14 May, 1881. Volume [1] was received by Stainton on 14 November, 1881 (see page 252). *Fascicule 7* was therefore published not earlier than 15 May and not later than 13 November, 1881.

An incomplete copy of *fascicule 7*, comprising pages [1]-16, and an uncoloured plate X, exists in the Walsingham reprint library (British Museum (Natural History)).



*Mém. Soc. Sci. nat. hist. Cannes.* As stated above the plate is marked 'Annales . . .' (recte *Mémoires*). This indicates that *fascicule* 7 was to have formed part of *Mém. Soc. Sci. nat. hist. Cannes*, volume 9 (1880), which volume was never published (British Museum (Natural History), 1910:1316). For the same reason references to the species dealt with in *fascicule* 7 have been erroneously cited as 'Ann. Sc. Cannes'.

### Volume [2]

Volume [2] comprises a fly-leaf marked 'Lépidoptérologie, Huitième Fascicule', a title page to *fascicule* 8 dated Lyon, 1882, and *fascicule* 8 with four coloured plates.

Stainton's copy of volume [2] bears the inscription in his handwriting 'reçu le 3 Mars. 1884 H. T. S[tainton]'. .

### Fascicule 8

*Lépidoptérologie. Fascicule* 8 comprises a fly-leaf, a title page, pages [1]–27, [29]–[36] (Explication des Planches), and plates I–IV. The fly-leaf is marked 'Lépidoptérologie. Huitième Fascicule'. The title page is marked 'Lépidoptérologie. Huitième fascicule. Par Pierre Millière, Membre correspondant de l'Académie de Lyon. Lyon, Imprimerie Pitrat Ainé, 4, Rue Gentil, 4. 1882'. Page [1] is headed 'Lépidoptérologie. Huitième Fascicule'. Page 27 is signed by Millière and dated September, 1882. The plates are marked 'Annales de la Société Linnéenne de Lyon. 8<sup>e</sup> Fascicule. 1882'. This issue of *fascicule* 8 is therefore assumed to have been published not earlier than 1 October and not later than 31 December, 1882.

Although not seen by the recorder this issue of *fascicule* 8 was recorded in *Zool. Rec.* (1884) 21 (Insecta): 164, issued (not earlier than 18 December) 1885; it was not recorded in *Biblphie Fr.* and *Naturaliste*.

*Annls Soc. linn. Lyon. Fascicule* 8 was published in (N.S.) 29: [153]–179, [181]–[188], plates I–IV. The original wrapper and title page of volume 29 are dated 1883. This issue of *fascicule* 8 is therefore assumed to have been published not earlier than 1 January and not later than 31 December, 1883.

This issue of *fascicule* 8 has generally been considered as having been published in 1883; it was recorded in *Zool. Rec.* (1883) 20 (Insecta): 157, issued (not earlier than January) 1885.

Volume 29 was not recorded in *Biblphie Fr.*

According to a note on page 388 the four plates of *fascicule* 8 were to be issued at the end of volume 30 published in 1884. The plates of this issue of *fascicule* 8 are uncoloured.

The heading of page [153] differs from that of the *Lépidoptérologie* (page [1]).

A separate of the paper which also forms *fascicule* 8 of the *Lépidoptérologie* is found in the Lepidoptera Section of the Naturhistorisches Museum, Vienna. It is bound in a stiff paper cover which is not original and comprises a title page of *Annls Soc. linn. Lyon* (N.S.) volume 29, pages [153]–179, Explication des Planches I–IV, and plates I–IV [uncoloured]. This separate agrees completely with the



issue in *Annls Soc. linn. Lyon*, and we find it impossible to decide whether it is a genuine reprint or a tear-out.

REMARKS. On page 3 of the issue in the *Lépidoptérologie* the species heading reads as follows: 'THERA ULICATA, RB.'. In the *Annls Soc. linn. Lyon* (page 155) the 'RB' is missing although the full stop is found in its place. We consider this as an indication that the issue of the *Lépidoptérologie* was printed first.

The two issues agree except in pagination, signatures and the above noted discrepancies, and appear to have been printed from the same type-set.

The above evidence indicates that *fascicule* 8 was first published as volume [2] of the *Lépidoptérologie*; however, in subsequent literature the later issue (*Annls Soc. linn. Lyon*, 1883) has generally been cited.

TABLE 5

*Lépidoptérologie*  
Volumes [1] and [2]

<i>Lépidoptérologie</i> , volume [1]				Periodical		
fasc.	pages	plates	date	vol.	pages	date
1	[1]-16	I, II	[13. XI.] 1881	—	—	—
2	[1]-14	I	[13. XI.] 1881	20	[58]- 66	[31. XII.] 1877
					( <i>Annls Soc. ent. Belg.</i> )	
				reprint	[1]- 11	[31. XII.] 1877
[3]	[1]-24	III, IV	[28. II.] 1879	7	[20]- 43	[20. VI. 1879]
					( <i>Mém. Soc. Sci. nat. hist. Cannes</i> )	
[4]	[1]-14, [15]	155	[31. XII.] 1878	25	[1]- 12	[31. XII.] 1878
					( <i>Annls Soc. linn. Lyon</i> )	
5	[1]-31	V-VII	[13. XI.] 1881	8	[109]-139	[31.] (XII.) 1879
					( <i>Mém. Soc. Sci. nat. hist. Cannes</i> )	
6	[1]-20	VIII, IX	[13. XI.] 1881	—	—	—
7	[1]-22	X	[13. XI.] 1881	—	—	—
<i>Lépidoptérologie</i> , volume [2]				Periodical		
8	[1]- 27, [29]-[36]	I-IV	[31. XII.] 1882	29	[153]- 179, [181]-[188]	[31. XII.] 1883
					( <i>Annls Soc. linn. Lyon</i> )	

## PART IV

Catalogue raisonné des Lépidoptères des Alpes-Maritimes,  
2<sup>e</sup> Supplément et Notes entomologiques diverses

The work comprises a fly-leaf, a photograph showing Millièrè's house and garden at Cannes, and eight parts ([1]-[8]), which are not bound in chronological order, and which are reprints or different issues of papers published previously in various journals. Details of each part and the established dates of publication are tabulated below (Tables 6, 7).

We have examined four identical copies, each with original binding which is similar to that of the *Cat. raisonné Lépid. Alpes-Maritimes* and the *Lépidoptérologie*.



We have also examined two runs of *Naturalista sicil.*, one of them with original wrappers, and the relevant volumes of *Annls Soc. ent. Fr.* and *Revue Ent.*

The work lacks a title page and date of publication; however, various dates are cited throughout the volume, the latest being September, 1886. Stainton's copy bears the inscription in his handwriting 'recd. 26.3.87'. The work was therefore published not earlier than September, 1886, and not later than 25 March, 1887.

The work as a whole does not appear to have been recorded and it could be argued that the binding together of a number of reprints does not constitute the publication of a separate work. However, as Millière distributed at least four identical copies under a special title and as some of the included papers are not straightforward reprints but were reset with modified format or with minor revisions, we consider it to be an independent publication.

[1]. Catalogue raisonné des Lépidoptères des Alpes-Maritimes (2<sup>e</sup> Supplément)

This paper comprises pages [3]–87 and was first published in 17 parts in *Naturalista sicil.*, volumes 4–5 (1885–86). It has been reprinted from the same type-set, but with its own consecutive pagination. The text which originally was split into 17 parts runs on in the reprint, therefore the contents of a given page do not necessarily agree with those of the corresponding page in *Naturalista sicil.* (See Table 6.)

TABLE 6

*Cat. raisonné Lépid. Alpes-Maritimes, 2<sup>e</sup> Suppl., Notes ent. diverses*  
Part [1]

<i>Cat. raisonné . . . Notes ent. . . .</i>		<i>Naturalista sicil.</i>	
pages	date	vol.	pages      date
[3]– 6	[25. III. 1887]	4	147–150      1. III. 1885
7–13			170–176      1. IV. 1885
13–18			195–199      1. V. 1885
18–23			218–223      1. VI. 1885
23–27			[233]–237      1. VII. 1885
27–33			275–280      1. VIII. 1885
33–36			301–304      1. IX. 1885
36–42		5	16– 21      1. X. 1885
42–46			44– 48      1. XI. 1885
46–52			67– 72      1. XII. 1885
52–54			102–104      1. I. 1886
54–59			127–132      1. II. 1886
59–63			152–156      1. III. 1886
63–67			176–180      1. IV. 1886
67–76			195–204      1. V. 1886
76–80			220–224      1. VI. 1886
[81]–87			[225]–231      1. VII. 1886

[2]. Chenilles européennes inédites ou imparfaitement connues et Notes lépidoptérologiques

This paper comprises pages [1]–10 and is a revised issue of the paper published under the same title in *Naturalista sicil.* 4: 7–16, pl. I (1884). It differs in



pagination, signatures and format, was printed from a different type-set, and lacks the plate. The name 'Cidaria Capitata, HS.' (*Naturalista sicil.* 4: 11) was changed to 'Cidaria Silacata, Hb.' (page 5) and the accompanying text was revised. (See Table 7.)

[3]. Notes lépidoptérologiques

This paper comprises pages [1]–6 and is another issue of the paper published under the same title in *Naturalista sicil.* 3: [33]–37 (1883). It differs in pagination, signatures and format, and was printed from a different type-set. (See Table 7.)

[4]. Lépidoptères inédits et Notes entomologiques

This paper comprises a wrapper (page [1]) and pages [3]–9 and is another issue of the paper published under the same title in *Revue Ent.* 3: [1]–7, pl. I [uncoloured] (1884). It agrees in contents but lacks the plate and differs in pagination, signatures, format and type-face, and was therefore printed from a different type-set. (See Table 7.)

[5]. Acidalie nouvelle. Lépidoptères nouveaux et Chenilles inédites pour la Faune française

This paper comprises a wrapper marked 'Extrait des Annales . . .', pages [113]–120, and pl. 2, and is a reprint of the paper published under the same title in *Annls Soc. ent. Fr.* (6) 5: [113]–120, pl. 2 (1885). It completely agrees with the latter and appears to have been printed from the same type-set. (See Table 7.)

[6]. Chenilles nouvelles. Lépidoptères nouveaux ou peu connus

This paper comprises a wrapper marked 'Extrait des Annales . . .', pages [5]–10, and pl. 1, and is a reprint of the paper published under the same title in *Annls Soc. ent. Fr.* (6) 6: [5]–10, pl. 1 (1886). It completely agrees with the latter and appears to have been printed from the same type-set. (See Table 7.)

The copy in the British Museum (Natural History) comprises the wrapper and plate only, while the text has erroneously been replaced by the first six pages of the paper which immediately follows that of Millière in *Annls Soc. ent. Fr.*

[7]. Notes entomologiques (N.3)

This paper comprises pages [1]–4 and is a reprint of the paper published under the same title in *Naturalista sicil.* 5: [241]–245 (1886). It differs in pagination, signatures, and format but appears to have been printed from the same type-set. (See Table 7.)

[8]. Chenilles inédites et Lépidoptères nouveaux pour la Faune européenne

This paper comprises pages [1]–9, Explication des figures de la planche I, and pl. I, and is a reprint of the paper published under the same title in *Naturalista sicil.* 6: [1]–9, Explication des figures de la planche I, pl. I (1886). It appears to have been printed from the same type-set. The plate in *Naturalista sicil.* is uncoloured while that in the reprint is coloured. (See Table 7.)



TABLE 7

*Cat. raisonné Lépid. Alpes-Maritimes, 2<sup>e</sup> Suppl., Notes ent. diverses*  
Parts [2]–[8]

<i>Cat. raisonné . . . Notes ent. . . .</i>				Periodical			
part	pages	pls	date	vol.	pages	pls	date
[2]	[1]– 10	—	[25. III. 1887]	4	7– 16	I	[30.] XI. 1884 ( <i>Naturalista sicil.</i> )
[3]	[1]– 6	—		3	[33]– 37	—	1. XI. 1883 ( <i>Naturalista sicil.</i> )
[4]	[1]– 9	—		3	[1]– 7	I	[31.] I. 1884 ( <i>Revue Ent.</i> )
[5]	[113]–120	2		(6) 5	[113]–120	2	14. X. 1885 ( <i>Annls Soc. ent. Fr.</i> )
[6]	[5]– 10	1		(6) 6	[5]– 10	1	15. VII. 1886 ( <i>Annls Soc. ent. Fr.</i> )
[7]	[1]– 4	—		5	[241]–245	—	1. VIII. 1886 ( <i>Naturalista sicil.</i> )
[8]	[1]– 9	1		6	[1]– 9	I	1. X. 1886 ( <i>Naturalista sicil.</i> )

## PART V

## Catalogue of the taxa described by Millière

The following catalogue comprises all the taxa described by Millière regardless of their status; unavailable names are marked by an asterisk (\*). It should be noted that Millière was not always consistent in designating taxa as aberrations, varieties, or races, the term 'var.' having been used to denote both aberrations and subspecies. Some names were attributed by Millière to wrong authors. As we cannot decide whether this was intentional or unintentional no corrections are made. The generic assignments are as cited by Millière.

When a paper was published in two different places, both references are cited for the included new taxa. References are included to any subsequent publication by Millière where the taxa are again cited as new.

The 35 *livraisons* of *Iconogr. Descr. Chenilles Lépid. inédits* are accompanied by 154 plates. It should be noted that the plates of *livraisons* 1–6 are numbered independently, each *livraison* beginning with plate 1. When citing these plates it is necessary to add the appropriate *livraison* number in order to distinguish, for example, (liv. 1) pl. 3 from (liv. 4) pl. 3. The plates of *livraisons* 7–35 are numbered 33–154.

## LEPIDOPTERA

- abencerragella** Millière, *Psyche*, 1869, *Iconogr. Descr. Chenilles Lépid. inédits* 3: 11, 38, pl. 102, figs 4, 5; 1872, *Annls Soc. linn. Lyon* (N.S.) 18: 11, 38, pl. 102, figs 4, 5.  
**acquiaria** Millière, *Thamnonoma (Halio)*, 1875, *Bull. Soc. ent. Fr.* 1875: 166; 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 407, 414, pl. 1, figs 14, 15; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5: 207, 214, pl. 1, figs 14, 15; 1881, *Lépidoptérologie* [1] (1): 6, 15, pl. 1, figs 14, 15.



- acrisella* Millière, *Coleophora*, 1872, *Petites Nouv. ent.* **1**: 172.
- aegitnalis* Millière, *Metasia olbienalis* Guenée var., 1885, *Naturalista sicil.* **5**: 20; 1886, *Annls Soc. ent. Fr.* (6) **6**: 10; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([1]): 40; [1887], *ibidem* ([6]): 10.
- aereinitidella* Millière, *Cephalispheira*, 1854, *Annls Soc. ent. Fr.* (3) **2**: 60, pl. 3, fig. (II) 2.
- albarinata* Millière, *Gnophos pullata* Denis & Schiffermüller [cited as 'W.-V.'] var. an bona sp., 1859, *Iconogr. Descr. Chenilles Lépid. inédits* **1**: 64, (liv. 2) pl. 1, figs 12-15; 1860, *Annls Soc. linn. Lyon* (N.S.) **6**: 398, pl. 1, figs 12-15.
- albiguttella* Millière, *Bucculatrix*, 1886, *Naturalista sicil.* **5**: 204; 1886, *Bull. Soc. ent. Fr.* **1886**: 23; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([1]): 75; 1887, *Annls Soc. ent. Fr.* (6) **7**: 221, pl. 5, fig. 1.
- albipunctella* Millière, *Psyche febrezza* Boyer de Fonscolombe var., 1871, *Iconogr. Descr. Chenilles Lépid. inédits* **3**: 210, 225, pl. 122, figs 14-16.
- alyssumata* Millière, *Acidalia*, 1871, *Iconogr. Descr. Chenilles Lépid. inédits* **3**: 197, 224, pl. 121, figs 6-11.
- amaryllana* Millière, *Eudemis*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 282; [1876], *Mém. Soc. Sci. nat. hist. Cannes* **5**: 82.
- amissella* Millière, *Scoparia*, 1864, *Iconogr. Descr. Chenilles Lépid. inédits* **1**: 401, 417, pl. 50, fig. 1; 1865, *Annls Soc. linn. Lyon* (N.S.) **11**: 29, 45, pl. 50, fig. 1.
- \**andalusiaria* Millière, *Nychiodes lividaria* Hübner ab., 1865, *Iconogr. Descr. Chenilles Lépid. inédits* **2**: 77, 98, pl. 60, fig. 2; 1866, *Annls Soc. linn. Lyon* (N.S.) **12**: 421, 442, pl. 60, fig. 2 [infrasubspecific name].
- andorrana* Millière, *Conchylis*, 1865, *Iconogr. Descr. Chenilles Lépid. inédits* **2**: 167, 186, pl. 69, figs 4, 5; 1866, *Annls Soc. linn. Lyon* (N.S.) **13**: 66, 85, pl. 69, figs 4, 5.
- andryaladactylus* Millière, *Oxyptilus*, 1863, *Iconogr. Descr. Chenilles Lépid. inédits* [edn a] **1**: 335 [unnecessary (objective) replacement name for *Oxyptilus laetus* Zeller]; 1864, *Annls Soc. linn. Lyon* (N.S.) **10**: 207; 1864, *Iconogr. Descr. Chenilles Lépid. inédits* [edn b] **1**: 333.
- andryalae* Millière, *Oxyptilus*, 1863, *Iconogr. Descr. Chenilles Lépid. inédits* [edn a] **1**: 335 [unnecessary (objective) replacement name for *Oxyptilus laetus* Zeller]; 1864, *Annls Soc. linn. Lyon* (N.S.) **10**: 207; 1864, *Iconogr. Descr. Chenilles Lépid. inédits* [edn b] **1**: 333.
- anglicata* Millière, *Eupithecia helveticaria* Boisduval var., 1870, *Iconogr. Descr. Chenilles Lépid. inédits* **3**: 102, 128, pl. 110, fig. 21; 1872, *Annls Soc. linn. Lyon* (N.S.) **19**: 22, 48, pl. 110, fig. 21.
- antirrhinella* Millière, *Gelechia*, 1866, *Iconogr. Descr. Chenilles Lépid. inédits* **2**: 274, 280, pl. 80, figs 6-8; 1867, *Annls Soc. linn. Lyon* (N.S.) **14**: 382, 388, pl. 80, figs 6-8.
- apollina* Millière, *Aciptilia*, 1882, *Lépidoptérologie* [2] (8): 25, 36, pl. 4, fig. 9; 1883, *Annls Soc. linn. Lyon* (N.S.) **29**: 177, 188, pl. 4, fig. 9.
- APTERONA** Millière, 1857, *Annls Soc. linn. Lyon* (N.S.) **4**: 181, 192.
- arcanaria* Millière, *Chondrosoma*, 1884, *Revue Ent.* **3**: 6, pl. 1, fig. 5; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([4]): 8.
- argentalimbella* Millière, *Coleophora*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 355; [1876], *Mém. Soc. Sci. nat. hist. Cannes* **5**: 155.
- aristotelis* Millière, *Gelechia*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 324, 414, pl. 1, figs 1, 2; [1876], *Mém. Soc. Sci. nat. hist. Cannes* **5**: 124, 214, pl. 1, figs 1, 2; 1881, *Lépidoptérologie* [1] (1): 1, 15, pl. 1, figs 1, 2.
- askoldella* Millière, *Adela*, 1879, *Naturaliste* **1**: 139.
- asmodella* Millière, *Butalis*, 1873, *Petites Nouv. ent.* **1**: 310.
- asteriscella* Millière, *Myelois*, 1873, *Revue Mag. Zool.* (3) **1**: 9.
- asteroidella* Millière, *Coleophora*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 354; [1876], *Mém. Soc. Sci. nat. hist. Cannes* **5**: 154 [in error for *acrisella* Millière, 1872, see Millière, 1886, *Naturalista sicil.* **5**: 198].
- aureliaria* Millière, *Nemoria*, 1864, *Iconogr. Descr. Chenilles Lépid. inédits* **2**: 37, 64, pl. 55, figs 1, 2; 1865, *Annls Soc. linn. Lyon* (N.S.) **11**: 258, 285, pl. 55, figs 1, 2.



- aureocapitella** Millière, *Nepticula*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 374 [as *aureocaputella*, incorrect original spelling] ; 416 [as *aureocapitella*, justified emendation] ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 174 [as *aureocaputella*] ; 216.
- \***aureocaputella** Millière, *Nepticula*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 374 [incorrect original spelling of *aureocapitella* Millière].
- barcinonella** Millière, *Epidola*, 1867, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 313, 326, pl. 83, figs 13-15 ; 1868, *Annls Soc. linn. Lyon (N.S.)* 15 : 221, 234, pl. 83, figs 13-15.
- barcinonensis** Millière, *Micra*, 1870, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 136, 167, pl. 113, figs 10, 11 ; 1872, *Annls Soc. linn. Lyon (N.S.)* 19 : 56, 87, pl. 113, figs 10, 11.
- belemiata** Millière, *Acidalia*, 1868, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 486, 498, pl. 100, figs 8, 9 ; 1869, *Annls Soc. linn. Lyon (N.S.)* 17 : 76, 88, pl. 100, figs 8, 9.
- bimaculata** Millière, *Agrotis flammatra* Denis & Schiffermüller [cited as 'S.V.'] var., 1885, *Naturalista sicil.* 4 : 197 ; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([1]) : 15.
- bituminella** Millière, *Myelois*, 1873, *Revue Mag. Zool.* (3) 1 : 8.
- blachieri** Millière, *Lycaena cyllarus* Rottentburg var., 1887, *Annls Soc. ent. Fr.* (6) 7 : 215, pl. 5, figs 8, 9.
- borreonella** Millière, *Guenea*, 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 436, 451, pl. 153, figs 20, 21 ; 1874, *Revue Mag. Zool.* (3) 2 : 245.
- bruandaria** Millière, *Nemoria*, 1860, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 163, 190, (liv. 3) pl. 8, figs 10-12 ; 1861, *Annls Soc. linn. Lyon (N.S.)* 7 : 243, 270, pl. 8, figs 10-12.
- brunneodactyla** Millière, *Pterophorus*, 1854, *Annls Soc. ent. Fr.* (3) 2 : 65, pl. 3, figs (II) 6, 6a.
- buffonaria** Millière, *Tephрина*, 1867, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 368, 407, pl. 89, fig. 2 ; 1868, *Annls Soc. linn. Lyon (N.S.)* 16 : 40, 79, pl. 89, fig. 2.
- buffonella** Millière, *Butalis*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 361 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 161.
- bulgariata** Millière, *Melanippe*, 1868, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 433, 448, pl. 95, figs 17, 18 ; 1869, *Annls Soc. linn. Lyon (N.S.)* 17 : 23, 38, pl. 95, figs 17, 18.
- canensis** Millière, *Bombyx*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 393 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 193.
- canuialis** Millière, *Stenia*, 1868, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 426, 448, pl. 95, figs 5-7 ; 1869, *Annls Soc. linn. Lyon (N.S.)* 17 : 16, 38, pl. 95, figs 5-7.
- canuisana** Millière, *Sciaphila*, 1874, *Revue Mag. Zool.* (3) 2 : 247 ; 1881, *Lépidoptérologie* [1] (1) : 3, 15, pl. 1, fig. 6.
- canuisella** Millière, *Psecadia funerella* Fabricius var., 1867, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 291, 324, pl. 81, fig. 13 ; 1868, *Annls Soc. linn. Lyon (N.S.)* 15 : 199, 232, pl. 81, fig. 13.
- capucina** Millière, *Miselia oxyacanthae* Albin var., 1870, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 165, 170, pl. 116, fig. 6 ; 1872, *Annls Soc. linn. Lyon (N.S.)* 19 : 85, 90, pl. 116, fig. 6.
- cassandrata** Millière, *Acidalia*, 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 382, 387, pl. 148, fig. 1.
- catalaunensis** Millière, *Aporophyla*, 1873, *Revue Mag. Zool.* (3) 1 : 4.
- cervantaria** Millière, *Acidalia*, 1869, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 21, 39, pl. 103, figs 1-3 ; 1872, *Annls Soc. linn. Lyon (N.S.)* 18 : 21, 39, pl. 103, figs 1-3.
- chimaeraria** Millière, *Acidalia circuitaria* Hübner var. et ab., 1869, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 47, 77, pl. 105, figs 23-27 ; 1872, *Annls Soc. linn. Lyon (N.S.)* 18 : 47, 77, pl. 105, figs 23-27.
- chloris** Millière, *Apamea*, 1882, *Lépidoptérologie* [2] (8) : 20, 36, pl. 4, figs 1, 2 ; 1883, *Naturalista sicil.* 3 : 37 ; 1883, *Annls Soc. linn. Lyon (N.S.)* 29 : 172, 188, pl. 4, figs 1, 2 ; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([3]) : 5.



- cinerariae* Millière, *Leioptilus*, 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3: 418, 448, pl. 152, fig. 1.
- cistella* Millière, *Phycis*, 1859, *Iconogr. Descr. Chenilles Lépid. inédits* 1: 97, 112, (liv. 2) pl. 6, figs 6-12; 1860, *Annls Soc. linn. Lyon* (N.S.) 6: 431, 446, pl. 6, figs 6-12.
- cistorum* Millière, *Butalis*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 360, 414, pl. 1, figs 7, 8; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5: 160, 214, pl. 1, figs 7, 8; 1881, *Lépidoptérologie* [1] (1): 3, 15, pl. 1, figs 7, 8.
- citri* Millière, *Acrolepia*, 1873, *Petites Nouv. ent.* 1: 310.
- clothella* Millière, *Myelois*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 262; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5: 62.
- cocciferata* Millière, *Eupithecia*, 1864, *Iconogr. Descr. Chenilles Lépid. inédits* 2: 45, 65, pl. 56, figs 1-4; 1865, *Annls Soc. linn. Lyon* (N.S.) 11: 266, 286, pl. 56, figs 1-4.
- constanti* Millière, *Agrotis*, 1860, *Iconogr. Descr. Chenilles Lépid. inédits* 1: 165, 191, (liv. 3) pl. 9, figs 1, 2; 1861, *Annls Soc. linn. Lyon* (N.S.) 7: 245, 271, pl. 9, figs 1, 2.
- corneliata* Millière, *Gnophos variegata* Duponchel var. an bona sp., 1873, *Cat. raisonné Lépid. Alpes-Maritimes*: 156; 1874, *Mém. Soc. Sci. nat. hist. Cannes* 3: 176.
- cossurata* Millière, *Eupithecia*, 1875, in Ragusa, *Boll. Soc. ent. ital.* 7: 254.
- cryptogamarum* Millière, *Oecophora*, 1872, *Petites Nouv. ent.* 1: 172.
- cyaneimarmorella* Millière, *Argyresthia*, 1854, *Annls Soc. ent. Fr.* (3) 2: 64, pl. 3, fig. (II) 5.
- cymbalariata* Millière, *Gnophos variegata* Duponchel var., 1869, *Iconogr. Descr. Chenilles Lépid. inédits* 3: 57, 78, pl. 106, figs 12-15; 1872, *Annls Soc. linn. Lyon* (N.S.) 18: 57, 78, pl. 106, figs 12-15.
- damonella* Millière, *Bryotropha*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 328; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5: 128.
- dardoinella* Millière, *Psyche*, 1863, *Iconogr. Descr. Chenilles Lépid. inédits* [edn a] 1: 318, 341, pl. 37, figs 8-11; 1864, *Annls Soc. linn. Lyon* (N.S.) 10: 192, 213, pl. 37, figs 8-11; 1864, *Iconogr. Descr. Chenilles Lépid. inédits* [edn b] 1: 318, 339, pl. 37, figs 8-11.
- dardoinella* Millière, *Typhonia*, 1864, *Iconogr. Descr. Chenilles Lépid. inédits* 2: 27, 36, pl. 54, figs 3-5.
- dardoinula* Millière, *Nola*, 1871, *Iconogr. Descr. Chenilles Lépid. inédits* 3: 172; 173 [as *darduinula*, incorrect (multiple) original spelling]; 193, pl. 117, figs 1, 2.
- \**darduinula* Millière, *Nola*, 1871, *Iconogr. Descr. Chenilles Lépid. inédits* 3: 173 [incorrect (multiple) original spelling of *dardoinula* Millière].
- decemberella* Millière, *Depressaria feruliphila* Millière var. et ab., 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 322; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5: 122.
- dorycniella* Millière, *Butalis*, 1861, *Iconogr. Descr. Chenilles Lépid. inédits* 1, (liv. 5) pl. 1, figs 1-6; 1861, *ibidem* 1: 225; 1862, *Annls Soc. linn. Lyon* (N.S.) 8: 209, pl. 1, figs 1-6.
- dorycnii* Millière, *Bombyx*, 1864, *Annls Soc. linn. Lyon* (N.S.) 10: 229, pl. 43, figs 1-7; 1864, *Iconogr. Descr. Chenilles Lépid. inédits* 1: 357, pl. 43, figs 1-7.
- doubledayaria* Millière, *Amphidasys betularia* Albin var., 1870, *Iconogr. Descr. Chenilles Lépid. inédits* 3: 117, 129, pl. 111, fig. 1; 1872, *Annls Soc. linn. Lyon* (N.S.) 19: 37, 129 [recte 49], pl. 111, fig. 1.
- doubledayi* Millière, *Dianthoecia caesia* Borkhausen ab. et var., 1886, *Naturalista sicil.* 6: 2, pl. 1, fig. 4.
- egeriella* Millière, *Ephestia*, 1873, *Petites Nouv. ent.* 1: 310; 1873, *Iconogr. Descr. Chenilles Lépid. inédits* 3: 328, 357, pl. 141, figs 4, 5.
- engadinensis* Millière, *Agrotis*, 1873, *Revue Mag. Zool.* (3) 1: 3.
- eryngiella* Millière, *Depressaria*, 1881, *Lépidoptérologie* [1] (6): 7, 20, pl. 8, figs 8, 9.
- esterelata* Millière, *Acidalia*, 1879, *Naturaliste* 1: 138.
- esterella* Millière, *Depressaria peucedanella* Millière var., 1881, *Lépidoptérologie* [1] (7): 15, 22, pl. 10, fig. 15.
- euboica* Millière, *Acontia moldavicola* Herrich-Schäffer var., 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3: 437, 451, pl. 154, fig. 1.



- eugeniata** Millière, *Acidalia*, 1870, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 118, 129, pl. 111, figs 4-6 ; 1872, *Annls Soc. linn. Lyon* (N.S.) 19 : 38, 129 [recte 49], pl. 111, figs 4-6.
- euphrasiata** Millière, *Emmelesia unifasciata* Haworth var., 1870, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 148, 168, pl. 114, fig. 13 [as *odontata*] ; 1872, *Annls Soc. linn. Lyon* (N.S.) 19 : 68, 88, pl. 114, fig. 13 [as *odontata*]. [Millière names this form *euphrasiata* in the text and *odontata* on the plate.]
- fadella** Millière, *Elachista*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 364 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 164.
- fauna** Millière, *Mimaeseoptilus*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 380 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 180.
- faustinata** Millière, *Nemoria*, 1868, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 436, 449, pl. 96, figs 2-8 ; 1869, *Annls Soc. linn. Lyon* (N.S.) 17 : 26, 39, pl. 96, figs 2-8.
- fenestrata** Millière, *Eupithecia*, 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 431, 450, pl. 153, figs 14, 15 ; 1874, *Revue Mag. Zool.* (3) 2 : 243.
- feruliphila** Millière, *Depressaria*, 1866, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 209, 243, pl. 73, figs 1-3 ; 1867, *Annls Soc. linn. Lyon* (N.S.) 14 : 317, 351, pl. 73, figs 1-3.
- fingalana** Millière, *Olindia*, 1884, *Revue Ent.* 3 : 3 ; 1885, *Naturalista sicil.* 5 : 71 (*Cochylis*) ; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([1]) : 50 (*Cochylis*) ; [1887], *ibidem* ([4]) : 5.
- \***fingalaria** Millière, *Tephronia*, 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 389, 445, pl. 149, fig. 1 [incorrect subsequent spelling of *fingalata* Millière].
- fingalata** Millière, *Mniophila*, 1873, *Cat. raisonné Lépid. Alpes-Maritimes* : 159 ; 1874, *Mém. Soc. Sci. nat. hist. Cannes* 3 : 179 ; 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 389, 445, pl. 149, fig. 1 [as *fingalaria*, incorrect subsequent spelling of *fingalata*] (*Tephronia*).
- fulminella** Millière, *Gelechia*, 1882, *Lépidoptérologie* [2] (8) : 9, 32, pl. 2, fig. 4 ; 1883, *Annls Soc. linn. Lyon* (N.S.) 29 : 161, 184, pl. 2, fig. 4.
- fulminella** Millière, *Psyche*, 1865, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 127, 142, pl. 65, figs 6-8 ; 1866, *Annls Soc. linn. Lyon* (N.S.) 13 : 27, 42, pl. 65, figs 6-8.
- galathea** Millière, *Bryophila*, 1874, *Revue Mag. Zool.* (3) 2 : 241.
- genevensis** Millière, *Zygaena*, 1861, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 237, 255, (liv. 5) pl. 3, figs 1, 2 ; 1862, *Annls Soc. linn. Lyon* (N.S.) 8 : 221, 239, pl. 3, figs 1, 2.
- gentianata** Millière, *Melanippe*, 1873, *Revue Mag. Zool.* (3) 1 : 1.
- gigantea** Millière, *Geometra smaragdaria* Fabricius var., 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 423, 449, pl. 152, figs 16-18.
- GLACIES** Millière, 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 429, 450, pl. 153 [legends to figs 6-9].
- globulariata** Millière, *Eupithecia*, 1861, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 206, 220, (liv. 4) pl. 3, figs 1-7 ; 1862, *Annls Soc. linn. Lyon* (N.S.) 8 : 190, 204, pl. 3, figs 1-7.
- gnidiella** Millière, *Ephestia*, 1867, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 308, 326, pl. 83, figs 4-9 ; 1868, *Annls Soc. linn. Lyon* (N.S.) 15 : 216, 234, pl. 83, figs 4-9.
- gondebautella** Millière, *Psyche*, 1863, *Annls Soc. linn. Lyon* (N.S.) 9 : 30, 54, pl. 34, figs 1-8 ; 1863, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 286, 310, pl. 34, figs 1-8.
- graecella** Millière, *Fumea*, 1866, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 252, 277, pl. 77, figs 8, 9 ; 1867, *Annls Soc. linn. Lyon* (N.S.) 14 : 360, 385, pl. 77, figs 8, 9.
- gueneata** Millière, *Eupithecia*, 1862, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 257, 279, (liv. 6) pl. 1, figs 1, 2 ; 1863, *Annls Soc. linn. Lyon* (N.S.) 9 : 1, 23, pl. 1, figs 1, 2.
- halimi** Millière, *Mamestra immunda* Eversmann var., 1877, *Annls Soc. ent. Belg.* 20 : 58, pl. 1, figs 17-19 ; 1881, *Lépidoptérologie* [1] (2) : 4, pl. 1, figs 17-19.
- halymella** Millière, *Gelechia*, 1864, *Annls Soc. linn. Lyon* (N.S.) 10 : 224, 242, pl. 42, figs 4-8 ; 1864, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 352, 370, pl. 42, figs 4-8.
- HASTULA** Millière, 1858, *Annls Soc. ent. Fr.* (3) 5 : 799, 802.



- hederarum* Millière, *Ochsenheimeria*, 1874, *Revue Mag. Zool.* (3) **2** : 249 ; 1881, *Lépidoptérologie* [1] (1) : 5, 15, pl. 1, figs 12, 13.
- heleniella* Millière, *Butalis*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 361 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* **5** : 161.
- helianthemata* Millière, *Acidalia*, 1870, *Iconogr. Descr. Chenilles Lépid. inédits* **3** : 134, 167, pl. 113, figs 6-9 ; 1872, *Annls Soc. linn. Lyon* (N.S.) **19** : 34, 87, pl. 113, figs 6-9.
- helianthemella* Millière, *Coleophora*, 1870, *Iconogr. Descr. Chenilles Lépid. inédits* **3** : 131, 167, pl. 113, figs 1-5 ; 1872, *Annls Soc. linn. Lyon* (N.S.) **19** : 51, 87, pl. 113, figs 1-5.
- heylaertsii* Millière, *Psyche*, 1881, *Lépidoptérologie* [1] (7) : 18, 22, pl. 10, figs 16-19.
- himmighoffeni* Millière, *Micra*, 1867, *Iconogr. Descr. Chenilles Lépid. inédits* **2** : 292, 325, pl. 82, figs 1, 2 ; 1868, *Annls Soc. linn. Lyon* (N.S.) **15** : 200, 233, pl. 82, figs 1, 2.
- hispanaria* Millière, *Scodiona*, 1866, *Iconogr. Descr. Chenilles Lépid. inédits* **2** : 265, 279, pl. 79, figs 5-9 ; 1867, *Annls Soc. linn. Lyon* (N.S.) **14** : 373, 387, pl. 79, figs 5-9.
- huguenini* Millière, *Trichosoma*, 1878, *Annls Soc. linn. Lyon* (N.S.) **25** : 10, pl. 155, fig. 10 ; 1881, *Lépidoptérologie* [1] ([4]) : 12, pl. 155, fig. 10.
- hyerana* Millière, *Hastula*, 1858, *Annls Soc. ent. Fr.* (3) **5** : 799, 801, pl. 14, figs (III) 1-6.
- immunita* Millière, *Euclidia munita* Hübner var., 1867, *Iconogr. Descr. Chenilles Lépid. inédits* **2** : 406, 410, pl. 92, fig. 11 ; 1868, *Annls Soc. linn. Lyon* (N.S.) **16** : 78, 82, pl. 92, fig. 11.
- incana* Millière, *Mamestra leucophaea* Denis & Schiffermüller [cited as 'W.P.'] var., 1885, *Naturalista sicil.* **4** : 198 ; [1887] *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([1]) : 17.
- incerta* Millière, *Psilothrix*, 1886, *Bull. Soc. ent. Fr.* **1886** : 53 ; 1886, *Naturalista sicil.* **6** : 3, pl. 1, figs 5, 6 ; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([8]) : 3, pl. 1, figs 5, 6.
- incertata* Millière, *Eupithecia*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 410 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* **5** : 210.
- inesata* Millière, *Acidalia*, 1868, *Iconogr. Descr. Chenilles Lépid. inédits* **2** : 482, 498, pl. 100, figs 3-5 ; 1869, *Annls Soc. linn. Lyon* (N.S.) **17** : 72, 88, pl. 100, figs 3-5.
- intermedia* Millière, *Bombyx*, 1871, *Cat. raisonné Lépid. Alpes-Maritimes* : 58 ; 1872, *Mém. Soc. Sci. nat. hist. Cannes* **2** : 142.
- isabellaria* Millière, *Acidalia*, 1868, *Iconogr. Descr. Chenilles Lépid. inédits* **2** : 453, 495, pl. 97, figs 3, 4 ; 1869, *Annls Soc. linn. Lyon* (N.S.) **17** : 43, 85, pl. 97, figs 3, 4.
- islandiae* Millière, *Hadena*, 1874, *Iconogr. Descr. Chenilles Lépid. inédits* **3** : 459.
- \**italica* Millière, *Acidalia*, 1885, *Annls Soc. ent. Fr.* (6) **5**, pl. 2, fig. 1 [incorrect (multiple) original spelling of *italicata* Millière].
- italicata* Millière, *Acidalia*, 1885, *Annls Soc. ent. Fr.* (6) **5** : 113, 120 ; pl. 2, fig. 1 [as *italica*, incorrect (multiple) original spelling] ; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([5]) : 113, 120 ; pl. 2, fig. 1 [as *italica*, incorrect subsequent spelling].
- italogallica* Millière, *Leucania albipuncta* Fabricius ab. et var., 1885, *Naturalista sicil.* **4** : 222 ; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([1]) : 21.
- italogallicella* Millière, *Pempelia*, 1882, *Lépidoptérologie* [2] (8) : 8, pl. 2, fig. 3 ; 1883, *Annls Soc. linn. Lyon* (N.S.) **29** : 160, pl. 2, fig. 3.
- jankowskiaria* Millière, *Phorodesma*, 1879, in Oberthür, *Diagnoses d'Espèces nouv. Lépid. de l'Île Askold* : 8.
- juanella* Millière, *Argyresthia*, 1886, *Naturalista sicil.* **5** : 132 ; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([1]) : 58.
- juniperana* Millière, *Coccyx*, 1858, *Annls Soc. linn. Lyon* (N.S.) **5** : 17, 47, pl. 1, figs (I) 1-5 ; 1859, *Iconogr. Descr. Chenilles Lépid. inédits* [edn a] **1** : 3, 33, (liv. 1) pl. 1, figs (I) 1-5 ; 1859, *ibidem* [edn b] **1** : 3, 31, (liv. 1) pl. 1, figs (I) 1-5.
- lantoscanus* Millière, *Oxyptilus*, 1882, *Lépidoptérologie* [2] (8) : 24, 36, pl. 4, fig. 8 ; 1883, *Annls Soc. linn. Lyon* (N.S.) **29** : 176, 188, pl. 4, fig. 8.



- lantoscata* Millière, *Eupithecia*, 1873, *Cat. raisonné Lépid. Alpes-Maritimes* : 201 ; 1874, *Mém. Soc. Sci. nat. hist. Cannes* 3 : 221.
- lantosquilla* Millière, *Coleophora*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 352 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 152.
- lasthenia* Millière, *Anthocaris* [sic!] *cardamines* Linnaeus ab., an hybr. ?, an var. ?, an bona sp. ?, 1860, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 174, 192, (liv. 3) pl. 10, figs 1, 2 ; 1861, *Annls Soc. linn. Lyon* (N.S.) 7 : 254, 272, pl. 10, figs 1, 2.
- lathonialis* Millière, *Nola chlamydulalis* Hübner var., 1870, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 142 ; 168, pl. 114, fig. 4 [as *latonialis*, incorrect (multiple) original spelling] ; 1872, *Annls Soc. linn. Lyon* (N.S.) 19 : 42 ; 88, pl. 114, fig. 4 [as *latonialis*, incorrect subsequent spelling].
- latifoliata* Millière, *Larentia incultaria* Herrich-Schäffer var., 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 432, 450, pl. 153, figs 16-19.
- latifoliella* Millière, *Nepticula*, 1886, *Naturalista sicil.* 5 : 220 ; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([1]) : 76 ; 1887, *Annls Soc. ent. Fr.* (6) 7 : 219, pl. 5, figs 10-13 (*Gracilaria*).
- \**latonialis* Millière, *Nola chlamydulalis* Hübner var., 1870, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 168, pl. 114, fig. 4 [incorrect (multiple) original spelling of *lathonialis* Millière].
- latoniata* Millière, *Eupithecia*, 1882, *Lépidoptérologie* [2] (8) : 13, 32, pl. 2, fig. 10 ; 1883, *Annls Soc. linn. Lyon* (N.S.) 29 : 165, 184, pl. 2, fig. 10.
- latoniella* Millière, *Oecophora augustella* Hübner var. et ab., 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 345 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 145.
- lavaterana* Millière, *Paedisca*, 1863, *Annls Soc. linn. Lyon* (N.S.) 9 : 34, 54, pl. 34, figs 9-13 ; 1863, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 290, 310, pl. 34, figs 9-13.
- lavaterella* Millière, *Bucculatrix*, 1865, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 69, 97, pl. 59, figs 1-5 ; 1866, *Annls Soc. linn. Lyon* (N.S.) 12 : 413, 441, pl. 59, figs 1-5.
- ledereri* Millière, *Orgyia*, 1868, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 451, 495, pl. 97, figs 1, 2 ; 1869, *Annls Soc. linn. Lyon* (N.S.) 17 : 41, 85, pl. 97, figs 1, 2.
- lerinsis* Millière, *Agdistis*, 1876, *Bull. Soc. ent. Fr.* 1875 : 168 ; 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 376, 415, pl. 2, figs 10, 11 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 176, 215, pl. 2, figs 10, 11 ; 1881, *Lépidoptérologie* [1] (1) : 11, 16, pl. 2, figs 10, 11.
- leucochrysella* Millière, *Chrysis*, 1854, *Annls Soc. ent. Fr.* (3) 2 : 61, pl. 3, fig. (II) 3.
- liguriata* Millière, *Eupithecia*, 1884, *Revue Ent.* 3 : 3 ; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([4]) : 5.
- liguriella* Millière, *Tinea*, 1879, *Mém. Soc. Sci. nat. hist. Cannes* 8 : 124, 138, pl. 6, fig. 11 ; 1881, *Lépidoptérologie* [1] (5) : 16, 30, pl. 6, fig. 11.
- liguris* Millière, *Bryophila glandifera* Denis & Schiffermüller [cited as 'S.V.'] var. et ab., [1879], *Mém. Soc. Sci. nat. hist. Cannes* 7 : 27, 42, pl. 3, fig. 8 ; 1881, *Lépidoptérologie* [1] ([3]) : 8, pl. 3, fig. 8.
- limoniana* Millière, *Sciaphila* [*Sericoris*, pl. 4], 1860, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 132, 186, (liv. 3) pl. 4, figs 4-8 ; 1861, *Annls Soc. linn. Lyon* (N.S.) 7 : 212, 266, pl. 4, figs 4-8.
- litigiosella* Millière, *Parasia*, 1879, *Naturaliste* 1 : 139.
- ludovicata* Millière, *Cidaria nigrofasciaria* Goeze var. et ab., 1887, *Annls Soc. ent. Fr.* (6) 7 : 218, pl. 5, fig. 14.
- lugdunella* Millière, *Ephestia*, 1874, *Revue Mag. Zool.* (3) 2 : 250.
- lugdunellus* Millière, *Crambus*, 1867, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 305, 326, pl. 83, fig. 2 ; 1868, *Annls Soc. linn. Lyon* (N.S.) 15 : 213, 234, pl. 83, fig. 2.
- lugdunensis* Millière, *Catocala electa* Guenée, Boisduval, Godart var., 1855, *Annls Soc. ent. Fr.* (3) 3 : 208, pl. 11, fig. 1.
- \**lugdunensis* Millière, *Zygaena fausta* Linnaeus ab., 1859, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 85, 110, (liv. 2) pl. 4, fig. 4 ; 1860, *Annls Soc. linn. Lyon* (N.S.) 6 : 419, 444, pl. 4, fig. 4 [infrasubspecific name].



- magnata* Millière, *Eupithecia*, 1873, *Revue Mag. Zool.* (3) 1: 2.
- malvinella* Millière, *Psyche*, 1858, *Annls Soc. linn. Lyon* (N.S.) 5: 44, 50, pl. 4, figs (III) 1-3; 1859, *Iconogr. Descr. Chenilles Lépid. inédits* [edn a] 1: 30, 36, (liv. 1) pl. 4, figs (III) 1-3; 1859, *ibidem* [edn b] 1: 29, 34, (liv. 1) pl. 4, figs (III) 1-3.
- mantonella* Millière, *Epichnopteryx*, 1877, *Annls Soc. ent. Belg.* 20, pl. 1, fig. 8 [incorrect (multiple) original spelling of *mentonella* Millière].
- maritanella* Millière, *Euzophera*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 264, 415, pl. 2, fig. 15; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5: 64, 215, pl. 2, fig. 15; 1881, *Lépidoptérologie* [1] (1): 13, 16, pl. 2, fig. 15.
- massiliata* Millière, *Eupithecia*, 1865, *Iconogr. Descr. Chenilles Lépid. inédits* 2: 145, 184, pl. 67, figs 1, 2; 1866, *Annls Soc. linn. Lyon* (N.S.) 13: 44, 83, pl. 67, figs 1, 2.
- massiliensis* Millière, *Nudaria*, 1864, *Annls Soc. linn. Lyon* (N.S.) 10: 222, 242, pl. 42, figs 1-3; 1864, *Iconogr. Descr. Chenilles Lépid. inédits* 1: 350, 370, pl. 42, figs 1-3.
- mediterranea* Millière, *Zophodia*, 1874, *Revue Mag. Zool.* (3) 2: 248; 1881, *Lépidoptérologie* [1] (1): 14, 16, pl. 2, fig. 16 (*Euzophera*).
- medusalis* Millière, *Hypsopygia egregialis* Herrich-Schäffer var., 1872, *Iconogr. Descr. Chenilles Lépid. inédits* 3: 242, 250, pl. 127, figs 4, 5.
- mentonella* Millière, *Epichnopteryx*, 1877, *Annls Soc. ent. Belg.* 20: 64, 66; pl. 1, fig. 8 [as *mantonella*, incorrect (multiple) original spelling]; 1881, *Lépidoptérologie* [1] (2): 10, 14; pl. 1, fig. 8 [as *mantonella*, incorrect subsequent spelling].
- meridiaria* Millière, *Acidalia degeneraria* Hübner var., 1868, *Iconogr. Descr. Chenilles Lépid. inédits* 2: 491, 498, pl. 100, figs 13-15; 1869, *Annls Soc. linn. Lyon* (N.S.) 17: 81, 88, pl. 100, figs 13-15.
- meridionalis* Millière, *Platypteryx binaria* Hufnagel var., 1871, *Iconogr. Descr. Chenilles Lépid. inédits* 3: 212, pl. 123, figs 1-5.
- mistralella* Millière, *Euzophera*, 1874, *Revue Mag. Zool.* (3) 2: 250; 1881, *Lépidoptérologie* [1] (1): 2, 15, pl. 1, fig. 3.
- mnemosynata* Millière, *Eupithecia*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 409; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5: 209.
- mnemosynella* Millière, *Blastobasis*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 346; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5: 146.
- mulsantana* Millière, *Argyrolepis*, 1860, *Iconogr. Descr. Chenilles Lépid. inédits* 1: 156, 190, (liv. 3) pl. 8, figs 1-5; 1861, *Annls Soc. linn. Lyon* (N.S.) 7: 236, 270, pl. 8, figs 1-5.
- multiflorata* Millière, *Eupithecia*, 1866, *Iconogr. Descr. Chenilles Lépid. inédits* 2: 194, 241, pl. 71, figs 8-13; 1867, *Annls Soc. linn. Lyon* (N.S.) 14: 302, 349, pl. 71, figs 8-13.
- myricariella* Millière, *Trachonitis*, 1864, *Iconogr. Descr. Chenilles Lépid. inédits* 1: 376, 412, pl. 45, figs 3-7; 1865, *Annls Soc. linn. Lyon* (N.S.) 11: 4, 40, pl. 45, figs 3-7.
- napolitensis* Millière, *Scoparia coarctalis* Zeller var., 1870, *Iconogr. Descr. Chenilles Lépid. inédits* 3: 90, 127, pl. 109, fig. 17; 1872, *Annls Soc. linn. Lyon* (N.S.) 19: 10, 47, pl. 109, fig. 17.
- neapolisata* Millière, *Melanippe fluctuata* Linnaeus var., 1872, *Iconogr. Descr. Chenilles Lépid. inédits* 3: 267, 273, pl. 131, fig. 7.
- nigricantella* Millière, *Tinea*, 1872, *Petites Nouv. ent.* 1: 172.
- nigromaculella* Millière, *Gelechia*, 1872, *Petites Nouv. ent.* 1: 172.
- nodiflorella* Millière, *Depressaria*, 1866, *Iconogr. Descr. Chenilles Lépid. inédits* 2: 214, 243, pl. 73, figs 8-11; 1867, *Annls Soc. linn. Lyon* (N.S.) 14: 322, 351, pl. 73, figs 8-11.
- nolckenella* Millière, *Chimabacche*, 1881, *Lépidoptérologie* [1] (7): 5, 22, pl. 10, fig. 7.
- oberthurella* Millière, *Tinea*, 1879, *Mém. Soc. Sci. nat. hist. Cannes* 8: 121, 138, pl. 6, figs 5, 6; 1881, *Lépidoptérologie* [1] (5): 13, 30, pl. 6, figs 5, 6.
- obscura* Millière, *Acidalia incanaria* Hübner var., 1882, *Lépidoptérologie* [2] (8): 16, pl. 3, fig. 3.
- obscura* Millière, *Libythea celtis* Esper var. et ab., 1879, *Mém. Soc. Sci. nat. hist. Cannes* 8: 123, 138, pl. 6, fig. 10; 1881, *Lépidoptérologie* [1] (5): 15, 30, pl. 6, fig. 10.



- ochrea** Millière, *Naclia punctata* Fabricius var., 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 391 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 191.
- ochreomaculella** Millière, *Chauliodus*, 1854, *Annls Soc. ent. Fr.* (3) 2 : 63, pl. 3, fig. (II) 4.
- odontata** Millière, *Emmelesia unifasciata* Haworth var., 1870, *Iconogr. Descr. Chenilles Lépid. inédits* 3, pl. 114, fig. 13 [3 : 148, 168, as *euphrasiata*] ; 1872, *Annls Soc. linn. Lyon* (N.S.) 19, pl. 114, fig. 13 [19 : 68, 88, as *euphrasiata*]. [Millière names this form *euphrasiata* in the text and *odontata* on the plate.]
- olbiadactylus** Millière, *Pterophorus*, 1859, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 89, 111, (liv. 2) pl. 5, figs 1-3 ; 1860, *Annls Soc. linn. Lyon* (N.S.) 6 : 423, 445, pl. 5, figs 1-3.
- olbiaella** Millière, *Alucita*, 1861, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 193, 218, (liv. 4) pl. 1, figs 1-6 ; 1862, *Annls Soc. linn. Lyon* (N.S.) 8 : 177, 202, pl. 1, figs 1-6.
- olbiaria** Millière, *Larentia multistrigaria* Haworth ab. et var., 1865, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 157, 185, pl. 68, figs 5-8 ; 1866, *Annls Soc. linn. Lyon* (N.S.) 13 : 56, 84, pl. 68, figs 5-8.
- oleastrella** Millière, *Tinea*, 1864, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 42, 64, pl. 55, figs 7-9 ; 1865, *Annls Soc. linn. Lyon* (N.S.) 11 : 263, 285, pl. 55, figs 7-9.
- ononidella** Millière, *Coleophora*, 1879, *Mém. Soc. Sci. nat. hist. Cannes* 8 : 111, 138, pl. 5, figs 4, 5 ; 1881, *Lépidoptérologie* [1] (5) : 3, 30, pl. 5, figs 4, 5.
- ononidis** Millière, *Zygaena hilaris* Ochsenheimer var., 1878, *Petites Nouv. ent.* 2 : 249.
- opulentana** Millière, *Grapholitha*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 287, 415, pl. 2, fig. 14 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 87, 215, pl. 2, fig. 14 ; 1881, *Lépidoptérologie* [1] (1) : 12, 16, pl. 2, fig. 14.
- ossianella** Millière, *Butalis*, 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 397, 446, pl. 150, fig. 1.
- osyridellus** Stainton, *Paradoxus*, July 1869, *Entomologist's mon. Mag.* 6 : 42 ; Millière, [31 December] 1869, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 42, 77, pl. 105, figs 12-22 ; Stainton, [31 December] 1869, *Tineina sth. Europe* : 167, fig.
- [The name *osyridellus* has been erroneously attributed to Millière by several authors. *P. osyridellus* originated from Millière but was used and unintentionally made nomenclaturally available by Stainton prior to its proposal and description by Millière.]
- \***oxybialis** Millière, *Crambus*, 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3, pl. 135, fig. 1 [incorrect subsequent spelling of *C. oxybiellus* Millière, 1872].
- oxybialis** Millière, *Ebulea crocealis* Treitschke var., 1872, *Revue Mag. Zool.* (2) 23 : 62.
- oxybiana** Millière, *Penthina sellana* Hübner var., 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 449, pl. 152, figs 14, 15.
- oxybiaria** Millière, *Melanippe*, 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 414, 448, pl. 151, fig. 9 [unjustified emendation of *M. oxybiata* Millière, 1872].
- oxybiata** Millière, *Melanippe*, 1872, *Revue Mag. Zool.* (2) 23 : 61 [see also *M. oxybiaria* Millière, 1874].
- oxybiella** Millière, *Symmoca*, 1872, *Petites Nouv. ent.* 1 : 172.
- oxybiellus** Millière, *Crambus*, 1872, *Revue Mag. Zool.* (2) 23 : 62 ; 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 284, 298 ; pl. 135, fig. 1 [as *oxybialis*, incorrect subsequent spelling].
- oxybiensis** Millière, *Bryophila*, 1874, *Revue Mag. Zool.* (3) 2 : 242.
- oxycedrana** Millière, *Grapholitha juniperana* Millière var. et ab., 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 286 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 86.
- oxycedrella** Millière, *Gelechia*, 1871, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 177, 193, pl. 118, figs 1-6.
- pallens** Millière, *Setina ramosa* Godart var., 1870, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 86, 127, pl. 109, figs 10, 11 ; 1872, *Annls Soc. linn. Lyon* (N.S.) 19 : 6, 47, pl. 109, figs 10, 11.
- pandorella** Millière, *Guenea*, 1881, *Lépidoptérologie* [1] (7) : 16, 22, pl. 10, fig. 20.
- \***pantellaria** Millière, *Eupithecia*, 1877, *Annls Soc. ent. Fr.* (5) 7 : 9, 12 [incorrect subsequent spelling of *pantellata* Millière].
- pantellata** Millière, *Eupithecia*, 1875, in Ragusa, *Boll. Soc. ent. ital.* 7 : 253 [see also *E. pantellaria* Millière, 1877].



**PARADOXUS** Stainton, July 1869, *Entomologist's mon. Mag.* **6**: 42; Millière, [31 December] 1869, *Iconogr. Descr. Chenilles Lépid. inédits* **3**: 42, 77, pl. 105, figs 12-22; Stainton, [31 December] 1869, *Tineina sth. Europe*: 167.

[The name *Paradoxus* has been erroneously attributed to Millière by Friese (1960: 62). *Paradoxus* originated from Millière but was used and unintentionally made nomenclaturally available by Stainton prior to its proposal and generic description by Millière.]

**peucedanella** Millière, *Depressaria*, 1881, *Lépidoptérologie* [1] (7): 13, 22, pl. 10, figs 14, 15.

**peyerimhoffata** Millière, *Eupithecia*, 1870, *Petites Nouv. ent.* **1**: 88.

**phalenarum** Millière, *Erastria scitula* Rambur var., 1884, *Revue Ent.* **3**: 2, pl. 1, fig. 4.

**philemonella** Millière, *Myelois*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 263; [1876], *Mém. Soc. Sci. nat. hist. Cannes* **5**: 63.

**phillyrella** Millière, *Zelleria*, 1867, *Iconogr. Descr. Chenilles Lépid. inédits* **2**: 286, 324, pl. 81, figs 6-8; 1868, *Annls Soc. linn. Lyon* (N.S.) **15**: 194, 232, pl. 81, figs 6-8.

**phoebusella** Millière, *Bryotropha*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 328; [1876], *Mém. Soc. Sci. nat. hist. Cannes* **5**: 128.

**pinastrella** Millière, *Apteronia*, 1857, *Annls Soc. linn. Lyon* (N.S.) **4**: 199, 202, pl. 2, figs 3-5.

**pollinis** Millière, *Retinia*, 1874, *Revue Mag. Zool.* (3) **2**: 251.

**polymnia** Millière, *Thais polyxena* Denis & Schiffermüller [cited as 'Schiff.'] var., 1874, *Iconogr. Descr. Chenilles Lépid. inédits* **3**: 438, 451, pl. 154, fig. 2.

**polyxenella** Millière, *Ephestia*, 1872, *Revue Mag. Zool.* (2) **23**: 63.

**primulata** Millière, *Eupithecia*, 1874, *Revue Mag. Zool.* (3) **2**: 244.

**provinciata** Millière, *Eupithecia*, 1872, *Revue Mag. Zool.* (2) **23**: 61.

**psoralaria** Millière, *Boarmia*, 1885, *Naturalista sicil.* **4**: 278; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([1]): 30.

**psoralella** Millière, *Gelechia*, 1865, *Iconogr. Descr. Chenilles Lépid. inédits* **2**: 83, 99, pl. 61, figs 1-6; 1866, *Annls Soc. linn. Lyon* (N.S.) **12**: 427, 443, pl. 61, figs 1-6.

**psychidella** Millière, *Incurvaria*, 1854, *Annls Soc. ent. Fr.* (3) **2**: 59, pl. 3, fig. (II) 1.

**pulchellalis** Millière, *Pyalis*, 1873, *Cat. raisonné Lépid. Alpes-Maritimes*: 221; 1874, *Mém. Soc. Sci. nat. hist. Cannes* **3**: 241.

\***punctata** Millière, *Acidalia*, 1866, *Iconogr. Descr. Chenilles Lépid. inédits* **2**: 206, 208; 1867, *Annls Soc. linn. Lyon* (N.S.) **14**: 314, 316 [published in synonymy, not nomenclaturally available, see *Int. Code zool. Nom.*, Article 11 (d)].

**purpurana** Millière, *Carcina quercana* Fabricius var. et ab., 1876, *Cat. raisonné Lépid. Alpes-Maritimes*: 343; [1876], *Mém. Soc. Sci. nat. hist. Cannes* **5**: 143.

**pythonissa** Millière, *Papillio* [sic!] [*Limenitis*: 110, pl. 4] **camilla** Fabricius ab. et var., 1859, *Iconogr. Descr. Chenilles Lépid. inédits* **1**: 82, 110, (liv. 2) pl. 4, fig. 1; 1860, *Annls Soc. linn. Lyon* (N.S.) **6**: 416, 444, pl. 4, fig. 1.

**pythonissata** Millière, *Cidaria immanata* Haworth var., 1870, *Iconogr. Descr. Chenilles Lépid. inédits* **3**: 120, 129, pl. 111, fig. 9; 1872, *Annls Soc. linn. Lyon* (N.S.) **19**: 40, 129 [recte 49], pl. 111, fig. 9.

**ragonotella** Millière, *Ephestia*, 1881, *Lépidoptérologie* [1] (7): 4, 22, pl. 10, fig. 6.

**ragusaria** Millière, *Nychiodes lividaria* Hübner var., 1884, *Naturalista sicil.* **3**: 196, pl. 3, fig. 1.

**reaumuraria** Millière, *Cleta*, 1864, *Iconogr. Descr. Chenilles Lépid. inédits* **2**: 2, 33, pl. 51, figs 1, 2.

**rhadama** Millière, *Orthosia*, 1882, *Lépidoptérologie* [2] (8): 1, 30, pl. 1, fig. 1; 1883, *Annls Soc. linn. Lyon* (N.S.) **29**: 153, 182, pl. 1, fig. 1.

**robiniella** Millière, *Myelois*, 1865, *Iconogr. Descr. Chenilles Lépid. inédits* **2**: 87, 99, pl. 61, figs 8-11; 1866, *Annls Soc. linn. Lyon* (N.S.) **12**: 431, 443, pl. 61, figs 8-11.

**romanaria** Millière, *Acidalia*, 1869, *Iconogr. Descr. Chenilles Lépid. inédits* **3**: 52, 78, pl. 106, figs 4-11; 1872, *Annls Soc. linn. Lyon* (N.S.) **18**: 52, 78, pl. 106, figs 4-11.

**romanella** Millière, *Rhodophaea*, 1870, *Iconogr. Descr. Chenilles Lépid. inédits* **3**: 150, 169, pl. 115, figs 1-5; 1872, *Annls Soc. linn. Lyon* (N.S.) **19**: 70, 89, pl. 115, figs 1-5.



- \*rose** Millière, *Liparis rubea* Denis & Schiffermüller var., 1866, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 258 [incorrect (multiple) original spelling of *rosea* Millière].
- rosea** Millière, *Liparis rubea* Denis & Schiffermüller [cited as 'S.V.'] var., 1866, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 258 [as *rose*, incorrect (multiple) original spelling], 278, pl. 78, figs 4-6; 1867, *Annls Soc. linn. Lyon* (N.S.) 14 : 366 [as *rose*, incorrect subsequent spelling], 386, pl. 78, figs 4-6.
- rosmarinana** Millière, *Olindia*, 1865, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 108, 140, pl. 63, figs 9-12; 1866, *Annls Soc. linn. Lyon* (N.S.) 13 : 8, 40, pl. 63, figs 9-12.
- rosmarinata** Millière, *Eupithecia*, 1865, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 104, 140, pl. 63, figs 4-8; 1866, *Annls Soc. linn. Lyon* (N.S.) 13 : 4, 40, pl. 63, figs 4-8.
- rubricella** Millière, *Depressaria*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 323; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 123.
- ruminata** Millière, *Acidalia asellaria* Herrich-Schäffer ab. et var., 1885, *Annls Soc. ent. Fr.* (6) 5 : 115, 120, pl. 2, figs 4, 5; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([5]) : 115, pl. 2, figs 4, 5.
- rumicivorella** Millière, *Gelechia*, 1881, *Lépidoptérologie* [1] (7) : 11, 22, pl. 10, fig. 13.
- sapho** Millière, *Fumea*, 1864, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 25, 36, pl. 54, figs 1, 2.
- satanas** Millière, *Agdistis*, 1876, *Bull. Soc. ent. Fr.* 1875 : 167; 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 377, 415, pl. 2, fig. 9; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 177, 215, pl. 2, fig. 9; 1881, *Lépidoptérologie* [1] (1) : 10, 16, pl. 2, fig. 9.
- satureiella** Millière, *Nephopteryx*, 1873, *Revue Mag. Zool.* (3) 1 : 7.
- scalettaria** Millière, *Dasydia operaria* Hübner var. an bona sp., 1864, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 404, 417, pl. 50, figs 3-7; 1865, *Annls Soc. linn. Lyon* (N.S.) 11 : 32, 45, pl. 50, figs 3-7.
- scopariae** Millière, *Agrotis agathina* Duponchel ab. et var., 1865, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 151, 184, pl. 67, figs 7-10; 1866, *Annls Soc. linn. Lyon* (N.S.) 13 : 50, 83, pl. 67, figs 7-10.
- \*semibrunnea** Millière, *Lycaena corydon* [sic!] Fabricius ab., 1859, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 84, 110, (liv. 2) pl. 4, fig. 3; 1860, *Annls Soc. linn. Lyon* (N.S.) 6 : 418, 444, pl. 4, fig. 3 [infrasubspecific name].
- sextiata** Millière, *Eupithecia*, 1867, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 370, 407, pl. 89, fig. 5; 1868, *Annls Soc. linn. Lyon* (N.S.) 16 : 42, 79, pl. 89, fig. 5.
- sibirialis** Millière, *Stenia*, 1879, *Naturaliste* 1 : 139.
- silphana** Millière, *Penthina*, 1874, *Revue Mag. Zool.* (3) 2 : 247; 1881, *Lépidoptérologie* [1] (1) : 4, 15, pl. 1, fig. 9.
- silphella** Millière, *Psyche*, 1871, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 204, 225, pl. 122, figs 1-5.
- smilaxella** Millière, *Acrolepia*, 1864, *Iconogr. Descr. Chenilles Lépid. inédits* 1 : 385, 413, pl. 46, figs 6-11; 1865, *Annls Soc. linn. Lyon* (N.S.) 11 : 13, 41, pl. 46, figs 6-11.
- staintonellus** Millière, *Chauliodus*, [31 December] 1869, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 45, 77, pl. 105, figs 1-11; Stainton, [31 December] 1869, *Tineina sth. Europe* : 169; Millière, 1872, *Annls Soc. linn. Lyon* (N.S.) 18 : 45, 77, pl. 105, figs 1-11.

[The name *staintonellus* has been attributed to Stainton by several authors. *C. staintonellus* originated from Millière and was used by Millière and by Stainton in 1869. The exact dates of publication of their works are unknown. Millière's paper was submitted to the Société Linnéenne de Lyon on 12 April, 1869 (see page 243). The introduction to Stainton's book is dated 4 October, 1869 (page iv), and on page 370 Stainton states 'Monsieur Millière's descriptions of these species will probably be published before the appearance of this volume'. There is also evidence in a letter from Stainton to Zeller that on 25 November, 1869, the *Tineina sth. Europe* was not yet published. As Stainton attributed the name *staintonellus* to Millière and as from the above evidence it seems likely that Millière's paper was published first it is here given priority over that by Stainton. This is also in agreement with Friese (1960 : 66).]



- staticeana* Millière, *Lobesia*, 1868, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 430, 448, pl. 95, figs 9–14 ; 1869, *Annls Soc. linn. Lyon* (N.S.) 17 : 20, 38, pl. 95, figs 9–14.
- staticella* Millière, *Ergatis* (*Gelechia*), 1876, *Bull. Soc. ent. Fr.* 1875 : 167 ; 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 334 ; 415 [erroneously as *lerinsis*], pl. 2, figs 12, 13 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 134 ; 215 [erroneously as *lerinsis*], pl. 2, figs 12, 13 ; 1881, *Lépidoptérologie* [1] (1) : 12 ; 16 [erroneously as *lerinsis*], pl. 2, figs 12, 13.
- staticis* Millière, *Agdistis*, 1876, *Bull. Soc. ent. Fr.* 1875 : 167 ; 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 375, 415, pl. 2, figs 4–8 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 175, 215, pl. 2, figs 4–8 ; 1881, *Lépidoptérologie* [1] (1) : 8, 16, pl. 2, figs 4–8.
- stelviana* Millière, *Tortrix steineriana* Hübner var., 1874, *Iconogr. Descr. Chenilles Lépid. inédits* 3 : 434, 450, pl. 153, figs 11–13.
- subcaerulea* Millière, *Zygaena wagneri* Millière var. et ab., 1886, *Annls Soc. ent. Fr.* (6) 6 : 7 ; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([6]) : 7.
- subflavaria* Millière, *Boarmia*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 404 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 204.
- subflavella* Millière, *Fumea*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 305 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 105.
- submundalis* Millière, *Orobena*, 1882, *Lépidoptérologie* [2] (8) : 8, 32, pl. 2, fig. 2 ; 1883, *Annls Soc. linn. Lyon* (N.S.) 29 : 160, 184, pl. 2, fig. 2.
- subnigra* Millière, *Spilosoma* [sic!] *fuliginosa* Linnaeus var., 1881, *Lépidoptérologie* [1] (6) : 4, 6, 20, pl. 8, fig. 7.
- subtriquetrella* Millière, *Apteronia*, 1857, *Annls Soc. linn. Lyon* (N.S.) 4 : 193, 202, pl. 1, figs 1–5.
- suriens* Millière, *Fumea*, 1865, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 126, 142, pl. 65, figs 4, 5 ; 1866, *Annls Soc. linn. Lyon* (N.S.) 13 : 26, 42, pl. 65, figs 4, 5 [unjustified emendation of *Psyche surientella* Bruand, 1858, *Annls Soc. ent. Fr.* (3) 6 : 465. Bruand first published the name *suriens* but did not make it nomenclaturally available as he placed it in synonymy].
- thorencella* Millière, *Oecophora*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 346 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 146.
- thymula* Millière, *Nola*, 1867, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 337, 361, pl. 85, figs 11–16 ; 1868, *Annls Soc. linn. Lyon* (N.S.) 16 : 9, 33, pl. 85, figs 11–16.
- turatiella* Millière, *Tinea*, 1885, *Bull. Soc. ent. Fr.* 1885 : 111 ; 1886, *Annls Soc. ent. Fr.* (6) 6 : 9, pl. 1, fig. 10 ; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([6]) : 9, pl. 1, fig. 10.
- typhonia* Millière, *Polia dubia* Duponchel var., 1882, *Lépidoptérologie* [2] (8) : 26, 36, pl. 4, figs 10, 11 ; 1883, *Annls Soc. linn. Lyon* (N.S.) 29 : 178, 188, pl. 4, figs 10, 11.
- unedella* Millière, *Teleia*, 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 331 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 131.
- unicolorella* Millière, *Tinagma transversellum* Zeller var., 1876, *Cat. raisonné Lépid. Alpes-Maritimes* : 358 ; [1876], *Mém. Soc. Sci. nat. hist. Cannes* 5 : 158.
- valesiella* Millière, *Psyche*, 1866, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 250, 277 ; pl. 77, figs 6, 7 [as *vulesiella*, incorrect (multiple) original spelling] ; 1867, *Annls Soc. linn. Lyon* (N.S.) 14 : 358, 385 ; pl. 77, figs 6, 7 [as *vulesiella*, incorrect subsequent spelling].
- vandalicia* Millière, *Bombyx*, 1865, *Iconogr. Descr. Chenilles Lépid. inédits* 2 : 93, 100, pl. 62, figs 6, 7 ; 1866, *Annls Soc. linn. Lyon* (N.S.) 12 : 437, 444, pl. 62, figs 6, 7.
- vesubiata* Millière, *Acidalia*, 1873, *Revue Mag. Zool.* (3) 1 : 6.
- vesubiella* Millière, *Psyche*, 1872, *Petites Nouv. ent.* 1 : 255.
- \**vulesiella* Millière, *Psyche*, 1866, *Iconogr. Descr. Chenilles Lépid. inédits* 2, pl. 77, figs 6, 7 [incorrect (multiple) original spelling of *valesiella* Millière].



**wagneri** Millière, *Zygaena*, 1885, *Bull. Soc. ent. Fr.* **1885**: 92; 1886, *Annls Soc. ent. Fr.* (6) **6**: 6, pl. 1, figs 3-7; [1887], *Cat. raisonné Lépid. Alpes-Maritimes*, 2<sup>e</sup> Suppl., *Notes ent. diverses* ([6]): 6, pl. 1, figs 3-7.

**walsinghamella** Millière, *Argyrestia* [sic!], 1881, *Lépidoptérologie* [**1**] (7): 21.

**zephyrata** Millière, *Acidalia*, 1872, *Iconogr. Descr. Chenilles Lépid. inédits* **3**: 268, 274, pl. 132, figs 1-8.

## DIPTERA

**bigoti** Millière, *Morinia*, 1864, *Iconogr. Descr. Chenilles Lépid. inédits* **1**: 385, 413, pl. 46, figs 4, 5; 1865, *Annls Soc. linn. Lyon* (N.S.) **11**: 13, 41, pl. 46, figs 4, 5.

## HEMIPTERA

†**longicaudatus** Millière, *Aphis*, 1853, *Annls Soc. ent. Fr.* (3) **1**: 9, pl. 3, fig. II. [Fossil.]

## HYMENOPTERA

**hirtae** Millière, *Cryptus*, 1862, *Iconogr. Descr. Chenilles Lépid. inédits* **1**: 277, 280, (liv. 6) pl. 4, fig. 10; 1863, *Annls Soc. linn. Lyon* (N.S.) **9**: 21, 24, pl. 4, fig. 10.

**vesubiellae** Millière, *Eulophus*, [1879], *Mém. Soc. Sci. nat. hist. Cannes* **7**: 33, 43, pl. 4, figs 5-7; 1881, *Lépidoptérologie* [**1**] ([3]): 14, 24, pl. 4, figs 5-7.

## PLANTS

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PLATE I

Title page of *Icon. Descr. Chenilles Lépid. inédits*, volume **1**, livraison 1, edition 'a'.



**ICONOGRAPHIE ET DESCRIPTION**  
**DE**  
**CHENILLES ET LÉPIDOPTÈRES**

**INÉDITS,**

**PAR**  
**P. MILLIÈRE.**

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**EXTRAIT DES ANNALES DE LA SOCIÉTÉ LINNÉENNE DE LYON,**  
**NOUVELLE SÉRIE, TOME V.**

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Title page of *Icon. Descr. Chenilles Lépid. inédits*, volume **1**, livraison 1, edition 'b'.



ICONOGRAPHIE ET DESCRIPTION  
DE  
**CHENILLES ET LÉPIDOPTÈRES**

INÉDITS

PAR

P. MILLIÈRE.

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NOUVELLE SÉRIE, TOME V

(PREMIÈRE LIVRAISON)

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TOME PREMIER

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Extrait des Annales de la Société Linnéenne de Lyon

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PLATE 3

Title page of *Icon. Descr. Chenilles Lépid. inédits* in which the volume number and date of publication can be inserted as appropriate.



**ICONOGRAPHIE ET DESCRIPTION**  
**DE**  
**CHENILLES ET LÉPIDOPTÈRES**

**INÉDITS**

**PAR**

**P. MILLIERE**

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**TOME**

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