

Synopsis of the Lepidoptera of Iceland.

By
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The foundation of the following list of the Lepidoptera of Iceland is:

- (a) Records compiled from the literature,
- (b) The Islandic collection in the Zoological Museum of Copenhagen, and
- (c) The collections in the Museum at Reykjavík.

As Iceland is very far from being satisfactorily explored with respect to its insect fauna, the list is not a complete, and future additions preferably of the "Microlepidoptera" are to be expected; nevertheless it is obvious that the Lepidopterous fauna of Iceland in relation to the extent of the land (104800 km²) in reality is very scanty. As will be seen, abt. 70 species of Lepidoptera have been recorded from Iceland by various authors; a closer investigation of the records, however, will prove that hardly more than 37 species at present are known with certainty from the island.

For kind information on the Lepidoptera preserved in the Museum at Reykjavík I wish to tender my sincerest thanks to Mr. Bjarni Sæmundsson, Reykjavík; further I am greatly indebted to Mr. Kai L. Henriksen, Copenhagen, for admittance to the collections in the Museum at Copenhagen, to Mr. P. Benander, Flädie, Sweden,

for examination of a Gelechiid from this collection, and to Mr. R. Hörring, Copenhagen, for most valuable assistance regarding the identification of several of the — often curiously spelled — names of the Icelandic localities given in the records or on the labels.

Pieridae.

[*Pieris rapae* L. (Seitz I p. 46; Staud. & Rebel I no: 48).

1 specimen, taken on board a ship in the harbour of Reykjavík (SW. Iceland) in 1926 or 1927, is preserved in the Reykjavík Museum.]

Nymphalidae.

(1). *Pyrameis atalanta* L.

(Seitz I p. 198; Staud. & Rebel I no: 152).

Vanessa atalanta J. J. Walker 1922 p. 4.

Vestmannaeyjar, Bol in Arness Sýsla, Reykjavík (SW. Iceland).

March (24th 1928, 1 specimen), June (15th 1901, 1 specimen), September (11th 1927, 1 specimen).

Note: Mr. Sæmundsson informs me that his statement (Walker l. c.) that "now and then people are seeing butterflies, sometimes in great numbers, without catching them, e. g. *Vanessa atalanta*", is applicable not to *atalanta* but to *cardui*.

Probably not a resident of Iceland.

(2). *Pyrameis cardui* L.

(Seitz I p. 199; Staud. & Rebel I no: 154).

Vanessa cardui F. A. Walker 1889 a p. 222; Jacobson 1899 p. 230; Pagenstecher 1909 p. 71; J. J. Walker 1922 p. 4.

Reykjavík (SW. Iceland); Hömleholt at Snæfellsnes (W. Iceland).

July (1894, 5 specimens; 28th 1926, 1 specimen), October (14th 1914, 1 specimen). — See note above.

Note: Probably not a resident of Iceland.

Lymantriidae.3. ?**Gen. sp.**

?*Dasychira* sp. Lindroth 1928 p. 11.

St. Mörk-Stori Dalr (SW. Iceland).

A great number of larvæ June 27th 1926.

Note: According to Lindroth (l. c.) F. Nordström, who has examined the larvæ, states that they belong to the "*Orgyia-Dasychira*-type" but differ from any species familiar to him, and that the possibility exists, that they belong to a *nova species*.

Sphingidae.(4). **Herse convolvuli** L.

(Seitz II p. 233; Staud. & Rebel I no: 735).

Sphinx convolvuli J. J. Walker 1922 pp. 4-5.

Reydarfjörður (E. Iceland); Reykjavík, Hvanneyri at Borgarfjörður (SW. Iceland).

In the spring of 1916, September 1899; total 4-5 specimens.

Note: A casual visitor only.

Noctuidae.5. **Euxoa islandica** Staud.

(Seitz III p. 33; Staud. & Rebel I no: 1373).

Agrotis Islandica Staudinger 1857 a pp. 232-235. *A. Obelisca* Var. *Islandica* de la Chavignerie 1857 pp. 7-8. *A. cursoria* F. A. Walker 1889 a p. 300. *A. islandica* Jacobson 1899 p. 230; Staudinger & Rebel 1901 p. 149; Pagenstecher 1902 pp. 276-277; Spuler 1908 p. 160; Pagenstecher 1909 p. 71; Aurivillius 1913 p. 15; Warren in Seitz 1914 p. 33; Lindroth 1928 p. 11.

Staðr at Reykjanes (NW. Iceland); Siglufjörður, Fridriks-gáfa at Eyjafjörður, Akreyri, Vogar, Mývatn (N. Iceland); Geysir, Armannsfell, Borgarnes (SW. Iceland).

July-August.

6. **Rhyacia festiva conflua** Tr.

(Seitz III p. 40; Staud. & Rebel I no: 1207b).

Phalæna vaccinii Mohr 1786 p. 91; Gliemann 1824 p. 165; Gaimard 1851 p. 165. *Noctua Conflua* Staudinger 1857 a pp. 236–238; de la Chavignerie 1857 p. 8. *Phalæna vaccinii* Paijkull 1868 p. 356. *Noctua conflua* F. A. Walker 1889 a p. 300, 1889 b p. XXXV; Mason 1889 pp. XXXIV–XXXV, 1890 p. 198; F. A. Walker 1890 b p. 377. *Agrotis conflua* Jacobson 1899 p. 230. *A. Primulae Conflua* Staudinger & Rebel 1901 p. 140. *A. conflua* Pagenstecher 1902 p. 276. *A. primulae v. conflua* et *v. thulei* Spuler 1908 p. 151. *Noctua conflua* Pagenstecher 1909 p. 71. *Agrotis conflua* Aurivillius in Klinckowström 1913 p. 15. *Rhyacia festiva subsp. conflua* Warren in Seitz 1914 p. 40. *Agrotis conflua* Lindroth 1928 p. 11.

Staðr at Reykjanes (NW. Iceland); Siglufjörðr, Akreyri, Fnioskádalr, Húsavík, Mývatn (N. Iceland); Knappavellir (SE. Iceland); St. Mörk, Seljaland, Hlíðarendi, Fljótshlíð, Galtalækr, at the river Sog, þingvellir, Hengill, Engøy, Reykjavík (SW. Iceland).

June – July.

7. *Rhyacia pronuba* L.

(Seitz III p. 42; Staud. & Rebel I no: 1152).

Triphaena Pronuba Staudinger 1857 a p. 238. *Tryphaena Pronuba* de la Chavignerie 1857 p. 9. *Triphaena pronuba* Mason 1889 pp. XXXIV–XXXV, 1890 p. 198. *Agrotis pronuba* Jacobson 1899 p. 230; Pagenstecher 1902 p. 273. *Tryphaena (A.) pronuba* Pagenstecher 1909 p. 71. *Triphaena pronuba* J. J. Walker 1922 p. 6.

Geysir, Reykjavík (SW. Iceland).

June. 2 specimens only.

8. *Rhyacia quadrangula* Zett.

(Seitz III p. 52; Staud. & Rebel I no: 1310).

?*Phalæna lucerneæ* Mohr 1786 p. 90; Gliemann 1824 p. 165; Gaimard 1851 p. 165. *Agrotis Rava* Herrich-Schäffer 1856 p. 59; Staudinger 1857 a pp. 235–236; de la Chavignerie 1857 p. 9. ?*Phalæna lucerneæ* Paijkull 1868 p. 356. *Agrotis quadrangula* Aurivillius 1890 p. 14; Bang-Haas 1897 p. 181. *A. rava* Jacobson 1899 p. 230. *A. Quadrangula* Staudinger & Rebel 1901 p. 146; Pagenstecher 1902 p. 277; Spuler 1908 p. 156. *A. rava* Pagenstecher 1909 p. 71. *A. quadrangula* Aurivillius in Klinckowström 1913 p. 15. *Rhyacia quadrangula* Warren in Seitz 1914 p. 52. *Episilia quadrangula* Poulton 1925 p. XXXVII. *Agrotis quadrangula* Lindroth 1928 p. 11.

Siglufjörður, Fridriksgáfa at Eyjafjörður, Akreyri, Húsavík (N. Iceland); Stafafell, Breiðamerkursandr, Öraefa (SE. Iceland); Hekla at 5095 feet ab. sea level, Ármannsfell, between Hafnarfjörður and Krísuvík (SW. Iceland).

July—August.

9. *Polia pisi* L.

(Seitz III p. 73; Staud. & Rebel I no: 1471).

Mamestra Pisi Staudinger 1857 a pp. 250–251. *Hadena Pisi* de la Chavignerie 1857 p. 9. *Hadena* closely allied to *H. pisi* F. A. Walker 1890 c p. XXXV. *Mamestra pisi* Jacobson 1899 p. 230. *M. Pisi v. Pallens* (trans.) Staudinger & Rebel 1901 p. 157. *M. pisi* Pagenstecher 1902 p. 281; Spuler 1908 p. 172; Pagenstecher 1909 p. 71. *Polia pisi-pallens* Warren in Seitz 1914 p. 73. *Mamestra pisi* J. J. Walker 1922 p. 7.

Akreyri (N. Iceland); Reykjavík (SW. Iceland).

May—June.

Note: According to F. A. Walker (l. c.) *Hadena pisi* is stated by Newman "to be generally distributed in England, Scotland, and Iceland". This is erroneous. Newman (post 1868 p. 420) has: ". . . . generally distributed in England, Scotland, and Ireland" (not Iceland).

10. *Cerapteryx graminis* L.

(Seitz III p. 93; Staud. & Rebel I no: 1438).

Regn-Orme (*lumbrici terrestres*) Anderson 1747 p. 117; 1748 p. 100. Orme (worms) Horrebow 1752 p. 242; 1753 pp. 277–278; 1758 pp. 91–92. ?Kaupmanns-Fidrilde (Kiöbmænds-Fidrild) Olafsen 1772 pp. 602, 712, 996; 1774 p. 320; 1775 p. 51. Regn-Ormur Olafsen 1772 p. 839; 1775 p. 119. Græsorm Olavius 1780 pp. 564–565. *Phalæna graminis* Mohr 1786 p. 90; Gliemann 1824 p. 165; Gaimard 1851 p. 165. *Episema Graminis* Staudinger 1857 a pp. 231–232. *Heliophobus Graminis* (v. *Tricuspis*) de la Chavignerie 1857 p. 9. *Phalæna graminis* Paijkull 1868 p. 356. *Charæas graminis* F. A. Walker 1889 a p. 300; 1890 b p. 377; 1890 c p. XXVII. *C. graminis* var. *tricuspis* Jacobson 1899 p. 230. *C. graminis* Pagenstecher 1902 p. 281; Spuler 1908 p. 167. *Episema graminis* Pagenstecher 1909 p. 71; J. J. Walker 1922 p. 7. *Charæas graminis* Lindroth 1928 p. 11.

Patreksfjörður, Ísafjörður (NW. Iceland); Akreyri, Ljósa-
vatn (N. Iceland); Hornafjörður, Reynivellir (SE. Iceland);

Seljaland, Hlíðarendi, Fljótshlíð, þingvellir, between Hafnarfjörður and Krísvík, Reykjavík (SW. Iceland).

July—August.

Note: According to e. g. Horrebaw, Olafsen, and Olavius (l. c.) the larvæ (Isl.: „Regn-Ormur“) have in former times occurred occassionally in countless numbers; in the year of 1701 thus denuding all the grass land in Rangervalla Sýsla and Vestr Skaptafells Sýsla (S. Iceland) and in the year of 1702 been very injurious to the grass land in E. Iceland.

11. *Crino sommeri islandiae* Mill.

(Seitz III p. 132; Staud. & Rebel I no: 1666).

Hadena Sommeri Staudinger 1857 a pp. 246–250. *H. Borea?* de la Chavignerie 1857 pp. 8–9. *H. Sommeri* Aurivillius 1890 pp. 15–16. *H. contigua?* F. A. Walker 1890 b p. 377. *H. Sommeri* Bang-Haas 1897 pp. 182–183; Jacobson 1899 p. 230. *H. Sommeri v. Islandiae* Staudinger & Rebel 1901 p. 171. *H. sommeri* Pagenstecher 1902 p. 286. *H. sommeri v. islandiae* Spuler 1908 p. 190. *H. sommeri* Pagenstecher 1909 p. 71. *Eumichthis Sommeri* Aurivillius in Klinckowström 1913 p. 16. *Crino sommeri ab. islandiae* Warren in Seitz 1914 p. 132. *Hadena sommeri* J. J. Walker 1922 p. 6; Lindroth 1928 p. 12.

Höfsós, Rimavatn in Svarfaðardalur, Akreyri, Húsavík (N. Iceland); Djúpvogur, Búlandsnes (E. Iceland); Ósland and Beru at Hornafjörður (SE. Iceland); Heimaey, St. Mörk, Hlíðarendi, Fljótshlíð, þingvellir, Hengill, Elliðavatn, Leirvogsa, Reykjavík (SW. Iceland).

May—June.

Note: Icelandic specimens are generally considered forming a geographical variety: *islandiae* Mill. (the type of *sommeri* Lef. was of Greenlandic origin), described in P. Millière: „Icon. Descr. Chén. Lép. inéd.“, Lyon 1869—74 (Tome III. p. 459), a copy of which I have not been able to obtain. The species is very variable.

12. *Crymodes exulis* Lef.

(Seitz III p. 177; Staud. & Rebel I no: 1677b).

?*Phalæna maxima* (pro p.) Olafsen 1772 p. 602; 1774 p. 320. ?*P. oleracea* Mohr 1786 p. 90; Gliemann 1824 p. 165. *Polia Gelata*

Herrich-Schäffer 1845 pp. 267–268. *Neuria Cervina* Herrich-Schäffer 1845 pp. 291–292. ?*Phalæna oleracea* Gaimard 1851 p. 165. *Hadena* (?)*Exulis* Staudinger 1857 a pp. 238–246. *H. Gelata* de la Chavignerie 1857 pp. 6–7. ?*Phalæna oleracea* Paijkull 1868 p. 356. *Crymodes exulis* Newman post 1868 pp. 411–412; F. A. Walker 1889 a p. 300; 1889 b p. XXXV; Mason 1889 pp. XXXIV–XXXV; F. A. Walker 1890 b p. 377; 1890 c pp. XXVII, XXXIII–XXXIV; Mason 1890 p. 198. *Hadena exulis* Aurivillius 1890 p. 16; Bang-Haas 1897 p. 183; Jacobson 1899 p. 230. *H. Maillardi* v. *Difflua* Staudinger & Rebel 1901 p. 172. *H. maillardi* Pagenstecher 1902 p. 285. *H. difflua* Spuler 1908 p. 191. *H. exulis* Pagenstecher 1909 p. 71. *H. Maillardi* var. *exulis* Aurivillius in Klinckowström 1913 p. 16. *Crymodes exulis* Warren in Seitz 1914 p. 177. *Hadena exulis* J. J. Walker 1922 p. 7. *H. maillardi* Böving 1925 p. 20. *H. exulis* Lindroth 1928 pp. 11–12.

Staðr at Reykjanes, Reykhólar, Dýrafjörðr, Ísafjörðr (NW. Iceland); Siglufjörðr, Hórgá, Fnioskádalr, Akreyri, Húsavík, Mývatn, Reykjahlið, Fjallahöfn (N. Iceland); Djúpivogur, Búlandsnes (E. Iceland); Hornafjörðr (SE. Iceland); Hlíðarendi, Fljótshlíð, Galtalækr, Felsmuli, Geysir, Suðr Reykir, Þingvellir, Hengill, Krísuvík, Reykjavík, Borgarnes, Borg (SW. Iceland); Stykkisholmr (W. Iceland).

June—July. Abundant.

13. *Syngrapha interrogationis* L.

(Seitz III p. 346; Staud. & Rebel I no: 2573).

Plusia Interrogationis var. Staudinger 1857 a pp. 251–252. *P. interrogationis* de la Chavignerie 1857 p. 8; F. A. Walker 1889 a p. 300; Jacobson 1899 p. 230; Pagenstecher 1902 p. 294; 1909 p. 71; Aurivillius in Klinckowström 1913 p. 16.

Siglufjörðr, Ljósavatn, Mývatn (N. Iceland); Geysir, Þingvellir (SW. Iceland).

July—August.

14. *Phytometra gamma* L.

(Seitz III p. 351; Staud. & Rebel I no: 2562).

Plusia gamma F. A. Walker 1889 a p. 300; Mason 1889 pp. XXXIV–XXXV; 1890 p. 198; Jacobson 1899 p. 230; Pagenstecher 1902 p. 293; 1909 p. 71; Aurivillius in Klinckowström 1913 p. 16.

Reykjavík, Reykjavík (SW. Iceland).

June or July.

Geometridae.**15. *Cidaria citrata* L.**

(Seitz IV p. 221; Staud. & Rebel I no: 3320).

Phalæna prunata Mohr 1786 p. 91; Gliemann 1824 p. 165; Gaimard 1851 p. 165. *Geometra russata* Ida Pfeiffer 1852 p. 273. *Cidaria truncata* Staudinger 1857 a pp. 252–255. *C. Russaria* de la Chavignerie 1857 p. 10. *Phalæna prunata* Paijkull 1868 p. 356. *Cidaria truncata, russata, var. cjornensis, immanata, marmorata* F. A. Walker 1889 a p. 300. *C. immanata, var. ejornensis, marmorata, thinqullata* Jacobson 1899 p. 230. *Larentia Immanata* Staudinger & Rebel 1901 p. 293. *Cidaria immanata* Pagenstecher 1902 p. 321. *C. immunata var., ajornensis* Pagenstecher 1909 p. 71. *Larentia immanata* Spuler 1910 p. 42. *Cidaria citrata* Prout in Seitz 1915 p. 222. *C. immanata* J. J. Walker 1922 p. 7. *Larentia immanata* Lindroth 1928 p. 12.

Staðr at Reykjanes, Arnarfjörðr, Dýrafjörðr, Önunderfjörðr, Ísafjörðr (NW. Iceland); Siglufjörðr, Akreyri, Ljósa vatn, Mývatn (N. Iceland); Hallormstaðr at Lagarfljót, Eskifjörðr, Starmýri at Álftafjörðr (E. Iceland); Reynivellir, Hornafjörðr (SE. Iceland); Krísuvík, Reykjavík (SW. Iceland).

July – August.

16. *Cidaria munitata* Hb.

(Seitz IV p. 222; Staud. & Rebel I no: 3327).

Phalæna Fluctuata Olafsen 1772 p. 602; 1774 p. 320; Mohr 1786 p. 91; Gliemann 1824 p. 165; Gaimard 1851 p. 165. *Cidaria Munitata* Staudinger 1857 a pp. 255–256. *C. Munitaria* de la Chavignerie 1857 p. 11. *Phalæna fluctuata* Paijkull 1868 p. 356. *Coremia munitata* F. A. Walker 1889 a p. 300; 1889 b p. XXXV; 1890 b p. 377; 1890 c p. XXVII; Mason 1889 pp. XXXIV–XXXV; 1890 p. 198. *Cidaria munitata* Jacobson 1899 p. 230. *Larentia Munitata* Staudinger & Rebel 1901 p. 294. *Cidaria munitata* Pagenstecher 1902 p. 322; 1909 p. 71. *Larentia munitata* Spuler 1910 p. 43; Aurivillius in Klinckowström 1913 p. 16. *Cidaria munitata* Prout in Seitz 1915 p. 222; J. J. Walker 1922 p. 7. *Larentia munitata* Lindroth 1928 p. 12.

Staðr at Reykjanes, Dýrafjörðr, Ísafjörðr, Staðarbakki at Hrutafjörðr (NW. Iceland); Siglufjörðr, Akreyri, Mývatn (N. Iceland); Hallormstaðr, Starmýri at Álftafjörðr (E. Iceland); Reynivellir (SE. Iceland); Seljaland, Hlíðarendi,

Fljótshlíð, Felsmulí, Geysir, Stori Dalr S. of Hekla, Keldur, Árbær, Marteinstúnga, Hraungerði, þingvellir, Engey, Reykjavík, Borgarnes, Borg (SW. Iceland); Stykkisholmr (W. Iceland).

June—July. Abundant.

17. *Cidaria designata* Hufn.

(Seitz IV p. 227; Staud. & Rebel I no: 3374).

Cidaria propugnata Staudinger 1857 a pp. 256–257. *C. propugnata* de la Chavignerie 1857 p. 9. *Coremia propinquata*, var. *vatusmyriensis*? F. A. Walker 1889 a p. 300. *Coremia signata* Mason 1890 p. 198. *Cidaria propinquata* var. *vatusmyriensis*, *C. signata*, *C. designata* Jacobson 1899 p. 230. *Larentia Designata* v. *Islandicaria* Staudinger & Rebel 1901 p. 298. *Cidaria designata* Pagenstecher 1902 p. 326. *C. propinquata*, var. *antimysiensis*, *C. signata*, *C. propugnata* Pagenstecher 1909 p. 71. *Larentia designata* v. *islandicaria* Spuler 1910 p. 49; Aurivillius in Klinckowström 1913 p. 16. *Cidaria designata* – *islandicaria* Prout in Seitz 1915 p. 228. *C. designata* J. J. Walker 1922 p. 7. *Larentia designata* var. *islandicaria* Lindroth 1928 p. 12.

Hofsós, Akreyri, Fjallahöfn (N. Iceland); Marteinstúnga, Geysir, Suðr Reykir, Laugardalr, þingvellir, Fossvogr, Elliðavatn, Leirvogsa, Kollafjörðr, Reykjavík, Borg (SW. Iceland).

May—July.

18. *Cidaria caesiata* Schiff.

(Seitz IV p. 235; Staud. & Rebel I no: 3385).

Phalæna undulata Mohr 1786 p. 91; Gliemann 1824 p. 165; Gaimard 1851 p. 165. *Cidaria Caesiata* Staudinger 1857 a pp. 257–259. *Larentia Caesiaria* de la Chavignerie 1857 p. 10. *Phalæna undulata* Paijkull 1868 p. 356. *Larentia caesiata* F. A. Walker 1889 a p. 300; 1889 b p. XXXV; Mason 1889 pp. XXXIV–XXXV; 1890 p. 198. *Cidaria caesiata* var. *glaciata* et *gelata* Jacobson 1899 p. 230. *Larentia Caesiata* Staudinger & Rebel 1901 p. 299. *Cidaria caesiata* Pagenstecher 1902 pp. 328–329; 1909 p. 71. *Larentia caesiata* Spuler 1910 p. 51; Aurivillius in Klinckowström 1913 p. 16. *Cidaria caesiata* Prout in Seitz 1915 p. 235. *Larentia caesiata* Lindroth 1928 p. 12.

Staðr at Reykjanes (NW. Iceland); Staðarbakki, Siglufjörðr, Fnioskadalr, Akreyri, Ljósavatn, Mývatn, between

Dettifoss and Svínadalr, Asbyrgi at Axarfjörðr (N. Iceland); Hallormstaðr (E. Iceland); Reynivellir (SE. Iceland); Þingvellir, Reykjavík (SW. Iceland).

June—July.

19. *Cidaria hastata thulearia* H.-S.

(Seitz IV p. 255; Staud. & Rebel I no: 3448).

Larentia Thulearia Herrich-Schäffer 1847 p. 156. *Geometra spec. nov.* Ida Pfeiffer 1852 p. 273. *Cidaria Thulearia* Staudinger 1857 a pp. 259–262. *Melanippe Thulearia* de la Chavignerie 1857 pp. 9–10; F. A. Walker 1890 b p. 377; 1890 c p. XXVII; Mason 1890 p. 198. *Cidaria thulearia* Jacobson 1899 p. 230. *Larentia Thulearia* Staudinger & Rebel 1901 p. 303. *Cidaria thulearia* Pagenstecher 1902 p. 331; 1909 p. 71. *Larentia thulearia* Spuler 1910 p. 59; Aurivillius in Klinckowström 1913 p. 16. *Cidaria thulearia* Prout in Seitz 1915 p. 255. *Melanippe thulearia* J. J. Walker 1922 p. 7.

Patreksfjörðr, Dýrafjörðr (NW. Iceland); Fnioskádalur, Húsavík, Mývatn, Fjallahöfn (N. Iceland); Svínafell, Hornafjörðr (SE. Iceland); Þingvellir, Reykjavík (SW. Iceland); Stykkisholmr (W. Iceland).

May—July.

Note: I have not succeeded in finding differences between the genitalia of *hastata* and *thulearia* as appreciable as to justify the supposition that the distinction between them should be of more than of subspecific nature.

20. *Cidaria alternata* Müll.

(Seitz IV p. 257; Staud. & Rebel I no: 3437).

Geometra alchemillata Ida Pfeiffer 1852 p. 271. *Cidaria Alchemillata* Staudinger 1857 a pp. 262–263. *Melanippe Alchemillaria* de la Chavignerie 1857 p. 11. *M. biriviata* F. A. Walker 1890 b p. 377. *M. sociata* Mason 1889 pp. XXXIV–XXXV; 1890 p. 198. *Cidaria sociata* Jacobson 1899 p. 230. *Larentia Sociata* Staudinger & Rebel 1901 p. 302. *Cidaria sociata* Pagenstecher 1902 p. 330; 1909 p. 71. *Larentia sociata* Spuler 1910 p. 57; Aurivillius in Klinckowström 1913 p. 16. *Cidaria alternata form. islandica* Prout in Seitz 1915 p. 258. *Larentia sociata* Lindroth 1928 pp. 12–13.

Öundurarfjörður (NW. Iceland); Fnioskådalur, Akreyri, Mývatn (N. Iceland); Svínafell (SE. Iceland); Hlíðarendi, Fljótshlíð, þingvellir, between Suður Reykir and Elliðavatn, Leirvogsa, Reykjavík (SW. Iceland).

May—July.

21. *Cidaria furcata* Thnbg.

(Seitz IV p. 263; Staud. & Rebel I no: 3485).

Cidaria Elutata Staudinger 1857 a pp. 263–265. *C. Elutaria* de la Chavignerie 1857 pp. 10–11. *C. sordidata var. infusata et fuscountata* Jacobson 1899 p. 230. *Larentia Sordidata* Staudinger & Rebel 1901 p. 306. *Cidaria sorditata* Pagenstecher 1902 p. 333; 1909 p. 71. *Larentia sordidata* Spuler 1910 p. 64. *Larentia sordidata var. fuscountata* Lindroth 1928 p. 13.

Ísafjörður (NW. Iceland); þingvellir, Krísuvík (SW. Iceland).

July—September.

22. *Eupithecia ?immundata reikjavikaria* Staud.

(Seitz IV p. 275; Staud. & Rebel I no: 3624 a).

Eupithecia Valerianata Staudinger 1857 a pp. 267–268. *E. valerianaria* de la Chavignerie 1857 p. 12. *E. immundata v. reikjavikaria* Jacobson 1899 p. 231. *Tephroclystia Immundata v. Reikjavikaria* Staudinger & Rebel 1901 p. 316; Spuler 1910 p. 80. *Eupithecia immundata — reikjavikaria* Prout in Seitz 1915 p. 275.

Skálholt, Reykjavík, Engøy (SW. Iceland).

End of May.

Note: See also *Eupithecia valerianata* p. 360.

23. *Eupithecia satyrata* Hb.

(Seitz IV p. 284; Staud. & Rebel I no: 3595).

Eupithecia Satyrata Staudinger 1857 a pp. 266–267. *E. Satyraria* de la Chavignerie 1857 p. 11. *E. satyrata v. callunaria* Jacobson 1899 p. 231. *E. satyrata* Pagenstecher 1902 p. 337; 1909 p. 71. *E. satyrata — callunaria* Prout in Seitz 1915 p. 285. *E. satyrata* Lindroth 1928 p. 13.

Vagllir at Akreyri (N. Iceland); Stori Dalr, þingvellir, Kollafjörður, Reykjavík (SW. Iceland).

May—July.

24. **Eupithecia ?nanata** Hb.

(Seitz IV p. 293; Staud. & Rebel I no: 3634).

Eupithecia ?nanata var. *gelidata* Lindroth 1928 p. 13.

Elliðavatn (SW. Iceland).

June. 1 rather rubbed specimen only.

25. **Eupithecia sobrinata scoriata** Staud.

(Seitz IV p. 296; Staud. & Rebel I no: 3656 c).

Eupithecia Scoriata Staudinger 1857 a pp. 265–266. *E. Nova Species* de la Chavignerie 1857 p. 12. *E. scoriata* Mason 1889 pp. XXXIV–XXXV; 1890 p. 198; Jacobson 1899 p. 231. *Tephroclystia Sobrinata* v. ? *Scoriata* Staudinger & Rebel 1901 p. 319. *Eupithecia sobrinata* var. *scoriata* Pagenstecher 1902 p. 339. *E. scoriata* Pagenstecher 1909 p. 71. *Tephroclystia sobrinata* v. *scoriata* Spuler 1910 p. 83. *Eupithecia sobrinata* – *scoriata* Prout in Seitz 1915 p. 296. *E. sobrinata* J. J. Walker 1922 p. 7.

pingvellir, Reykjavík (SW. Iceland).

July – August.

Pyralidae.26. **Crambus pascuellus** L.

(Spuler II p. 196; Staud. & Rebel II no: 125).

Crambus Pascuellus, *C. extinctellus* Staudinger 1857 a pp. 270–272. *C. pascuellus* Mason 1889 pp. XXXIV–XXXV; 1890 p. 198. *C. pascuellus*, *C. pascuellus* v. *extinctellus* Jacobson 1899 p. 231. *C. Pascuellus* Staudinger & Rebel 1901 p. 8. *C. pascuellus*, Var. *C. extinctellus* Pagenstecher 1902 p. 344. *C. pascuellus*, *C. extinctellus* Pagenstecher 1909 p. 71. *C. pascuellus* v. *extinctella* Spuler 1910 p. 196. *C. pascuellus* Aurivillius in Klinckowström 1913 p. 16. *C. extinctellus* J. J. Walker 1922 p. 7. *C. pascuellus* Lindroth 1928 p. 13.

Akreyri, Bard, Mývatn (N. Iceland); Hlíðarendi, Fljóts-
hlíð, Suðr Reykir, Geysir, Laugardalr, pingvellir (SW.
Iceland).

June.

27. **Salebria fusca** Hw.

(Spuler II p. 211; Staud. & Rebel II no: 642).

Pempelia Carbonariella Staudinger 1857 a p. 272; de la Chavignerie 1857 p. 12. *P. fusca* F. A. Walker 1889 a p. 300. *Phycis fusca* F. A.

Walker 1890 b p. 377; Mason 1889 pp. XXXIV–XXXV; 1890 p. 199. *Pempelia fusca* Aurivillius 1890 pp. 24–25; Jacobson 1899 p. 231; Pagenstecher 1902 pp. 348–349. *Pempelia carbomiaceella*, *Phycis fusca* Pagenstecher 1909 p. 71. *Pempelia fusca* Aurivillius in Klinckowström 1913 p. 16. *Salebria fusca* Lindroth 1928 p. 13.

Staðr at Reykjanes, Dýrafjörðr (NW. Iceland); Hofsó, Siglufjörðr, Akreyri, Húsavík, Fjallahöfn, Mývatn (N. Iceland); Örafa S. of Vatnajökull, Svínafell (SE. Iceland); Þingvellir, Reykjavík (SW. Iceland).

June—July.

Tortricidae.

28. *Acalla maccana* Tr.

(Spuler II p. 241; Staud. & Rebel II no: 1449).

Teras Maccana Staudinger 1857 a. pp. 268–269. *Teras Maccana* v. *Basalticola* Bang-Haas 1897 p. 190; Jacobson 1899 p. 231. *Acalla Maccana* Staudinger & Rebel 1901 p. 81. *Teras maccana* Pagenstecher 1902 pp. 350–351. *Terias maccana* Pagenstecher 1909 p. 71. *Acalla maccana* Spuler 1910 p. 241.

SW. Iceland without exact locality, probably vicinity of Þingvellir.

End of August.

29. *Cnephasia osseana* Scop.

(Spuler II p. 252; Staud. & Rebel II no: 1605).

?*Phalæna pratella* Mohr 1786 p. 91; Gliemann 1824 p. 165; Gaimard 1851 p. 165. *Tortrix Pratana* Staudinger 1857 a pp. 269–270; de la Chavignerie 1857 p. 12. ?*Phalæna pratella* Pajjkull 1868 p. 356. *Aphelia osseana* F. A. Walker 1889 a p. 300; 1890 b p. 377. *A. pratana* F. A. Walker 1890 c p. XXVII. *A. osseana* Mason 1890 p. 199. *Sciaphila osseana* Jacobson 1899 p. 231; Pagenstecher 1902 p. 354. *Tortrix pratana*, *Sciaphila osseana* Pagenstecher 1909 p. 71. *Grapholitha* sp. Aurivillius in Klinckowström 1913 p. 17. *Cnephasia osseana* Lindroth 1928 pp. 13–14.

Known from a large number of different localities in NW., N., E., SE., S., SW., and W. Iceland.

June—August. Very abundant.

30. **Argyroploce sororculana** Zett.

(Spuler II p. 264; Staud. & Rebel II no: 1867).

Penthina Betuletana Staudinger 1857 a p. 270; Jacobson 1899 p. 231.
Olethreutes Sororculana Staudinger & Rebel 1901 p. 103. *Penthina sororculana* Pagenstecher 1902 p. 357. *P. betuletana* Pagenstecher 1909 p. 71. *Argyroploce sororculana* Spuler 1910 p. 264. *Penthina sororculana* Aurivillius in Klinckowström 1913 p. 17. *Argyroploce sororculana* Lindroth 1928 p. 14.

Fnioskådalr, Vogar (N. Iceland); þingvellir (SW. Iceland).

June.

Pterophoridae.31. **Stenoptilia islandica** Staud.

(Spuler II p. 322; Staud. & Rebel II no: 1407).

Pterophorus Islandicus Staudinger 1857 a pp. 280–281. *Mimaeseoptilus Islandicus* Bang-Haas 1897 p. 192; Jacobson 1899 p. 231. *Stenoptilia Islandica* Staudinger & Rebel 1901 p. 77. *Mimaeseoptilus islandicus* Pagenstecher 1902 p. 396. *Pterophorus islandicus* Pagenstecher 1909 p. 71. *Stenoptilia islandica* Spuler 1910 p. 322. *Pterophorus islandicus* J. J. Walker 1922 p. 7.

N. Iceland without exact locality, Siglufjörður (N. Iceland); Ármannsfell (SW. Iceland).

End of July.

Gelechiidae.32. **Endrosis lacteella** Schiff.

(Spuler II p. 349; Staud. & Rebel II no: 3051).

Phalena tota aurea (Melfluga) Olafsen 1772 p. 602, p. 712, p. 996; 1774 p. 320; 1775 p. 51. *P. sarcitella* Mohr 1786 p. 91; Gliemann 1824 p. 165. *P. surcitella* Gaimard 1851 p. 165. *Endrosis Lacteella* Staudinger 1857 a pp. 278–280. *Phalena surcitella* Paijkull 1868 p. 356. *Endrosis lacteella* Mason 1890 p. 199; Bang-Haas 1897 p. 192; Jacobson 1899 p. 231; Staudinger & Rebel 1901 p. 163; Pagenstecher 1902 p. 390; 1909 p. 71; Spuler 1910 p. 349.

Everywhere, in houses (Staudinger l. c.).

Probably nearly all the year round.

33. **Bryotropha thuleella** Staud.

(Spuler —; Staud. & Rebel II no: 2529).

Gelechia Thuleella, *G. sp.* Staudinger 1857 a pp. 276–278. *Bryotropha thuleella*, *B. sp.* Jacobson 1899 p. 231; *B. Thuleella* Staudinger & Rebel 1901 p. 141. *Gelechia thuleella* Pagenstecher 1902 p. 382. *G. thuleella*, *G. sp.?* Pagenstecher 1909 p. 71. *Bryotropha thuleella* Lindroth 1928 p. 14.

N. Iceland without exact locality, Akreyri (N. Iceland); Hlíðarendi, Fljótshlíð, Suðr Reykir, Borgarnes (SW. Iceland).

June—July.

Note: P. Benander who, on my behalf, has examined the ♂ genitalia of a very worn Icelandic specimen of a *Bryotropha sp.* (ex. coll. Zool. Mus., Copenhagen) apparently agreeing with the description of *thuleella* Staud., states that the genitalia of the said specimen differs from that of any Gelechiid species familiar to him (incl. *terrella* and *vicinella*).

B. thuleella is at present the solitary endemic Icelandic Lepidopteron known, but the possibility still exists that this species may in the future prove to be identical with some other *Bryotropha sp.*

Coleophoridae.34. **Coleophora caespititiella** Z.

(Spuler II p. 402; Staud. & Rebel II no: 3845).

?*Coleophora algidella* Staudinger 1857 a pp. 278–280; Mason 1890 p. 199; Jacobson 1899 p. 231; Staudinger & Rebel 1901 p. 197; Pagenstecher 1902 p. 389; 1909 p. 71. *C. caespititiella* Lindroth 1928 p. 14.

?N. Iceland without exact locality; Hlíðarendi, Fljótshlíð, ?Þingvellir (SW. Iceland).

June—July.

Note: According to Lindroth (l. c.) Icelandic specimens of a *Coleophora*, having been examined genitally by P. Benander, have proved to belong to *C. caespititiella*; probably the species described under the name of *algidella* in Staudinger's paper also belong here.

Hyponomeutidae.35. **Plutella maculipennis** Curt.

(Spuler II p. 452; Staud. & Rebel II no: 2447).

Plutella cruciferarum Staudinger 1857 a p. 273; Jacobson 1899 p. 231; Pagenstecher 1902 p. 377, 1909 p. 71.N. Iceland without exact locality, Akreyri (N. Iceland).
Time of appearance unrecorded.36. **Plutella senilella** Zett.

(Spuler II p. 452; Staud. & Rebel II no: 2449).

Plutella Dalella, *P. Septentrionum* Staudinger 1857 a pp. 273–276. *P. datella*, *v. septentrionum* Jacobson 1899 p. 231. *P. Senilella* Staudinger & Rebel 1901 p. 137. *P. selinella* Pagenstecher 1902 pp. 377–378. *P. dalella*, *P. septentrionum* Pagenstecher 1909 p. 71. *P. senilella* Spuler 1910 p. 452; Lindroth 1928 p. 14.

Ísafjörður (NW. Iceland); Siglufjörður, Fridriksgáfa at Eyjafjörður, Mývatn (N. Iceland); Djúpivogur, Búlandsnes (E. Iceland); Hornafjörður (SE. Iceland); þingvellir (SW. Iceland).

May–September. 2 broods?

Monopidae.37. **Monopis rusticella** Hb.

(Spuler II p. 463; Staud. & Rebel II no: 4537).

?Gesta-Fluga or Lios-Fluga Olafsen 1772 p. 603; 1774 p. 320. *Tinea rusticella* Staudinger 1857 a pp. 272–273; Mason 1890 p. 199. *Blabophanes rusticella* Jacobson 1899 p. 231. *Monopis Rusticella* Staudinger & Rebel 1901 p. 236. *Tinea rusticella* Pagenstecher 1902 p. 372, 1909 p. 71. *Monopis rusticella* Spuler 1910 p. 463; Lindroth 1928 p. 14.

N. Iceland without exact locality; Djúpivogur, Búlandsnes (E. Iceland); several localities in SW. Iceland.

In houses, noted May–August.

The following species have all been recorded from Iceland; in some cases, however, the records prove to be founded positively upon some mistake (wrong determination, confusion of names or locality, &c.), in others further particulars seem to be wanted before admitting the species in the list of Islandic Lepidoptera.

Colias Palaeno L.

(Seitz I p. 63; Staud. & Rebel I no: 86).

Colias Palaeno v. *Pelidne* de Villiers & Guenée 1835 p. 18. *Colias Palaeno* Kirby 1862 p. 126. [*Colias pelidne* F. A. Walker 1889 a p. 157; J. J. Walker 1922 p. 2].

Erroneously ascribed to Iceland.

Colias nastes Bdv.

(Seitz [I p. 63]; Staud. & Rebel I no: 88).

Colias Phicomone v. *Nastes* de Villiers & Guenée 1835 p. 17. [*Colias nastes* F. A. Walker 1889 a p. 157].

Erroneously ascribed to Iceland.

Colias phicomone Esp.

(Seitz I p. 64; Staud. & Rebel I no: 91).

Colias Phicomone Kirby 1862 p. 126; [J. J. Walker 1922 p. 2].

Erroneously ascribed to Iceland.

Colias hecla Lef.

(Seitz [I p. 67]; Staud. & Rebel I no: 109).

Colias Hecla Lefebvre 1836 pp. 383–387; Kirby 1862 p. 127; [F. A. Walker 1889 a p. 157; J. J. Walker 1922 p. 2].

Erroneously ascribed to Iceland; the Type specimens came from Greenland.

Oeneis jutta Hb.

(Seitz I p. 118; Staud. & Rebel I no: 330).

Satyrus Jutta v. *Balder* de Villiers & Guenée 1835 p. 108. *Chionobas Jutta* Kirby 1862 p. 129. [*Oeneis jutta* F. A. Walker 1889 a p. 157. *Chionobas jutta* J. J. Walker 1922 p. 2].

Erroneously ascribed to Iceland.

Oeneis crambis Fr.

(Seitz I p. 120; Staud. & Rebel I no: 328).

Chionobas Ceno Kirby 1862 p. 129; [F. A. Walker 1889 a p. 157; J. J. Walker 1922 p. 2].

Erroneously ascribed to Iceland.

Argynnis chariclea Schneid.

(Seitz I p. 231; Staud. & Rebel I no: 211).

Duponchel loc. mihi ign. [Staudinger 1857 b pp. 300–301].

Erroneously ascribed to Iceland.

Argynnis freija Thnbg.

(Seitz I p. 231; Staud. & Rebel I no: 212).

Argynnis Freya de Villiers & Guenée 1835 p. 60; *A. Freyja* Kirby 1862 p. 127; [F. A. Walker 1889 a p. 157]. Fritillary Annandale 1905 p. 214. *Brenthis freyja* J. J. Walker 1922 p. 4.

According to Annandale (l. c.) specimens of a small "Fritillary" — probably *freija* (J. J. Walker l. c.) — said to have been caught in Iceland, are preserved in the Natural History Museum at Reykjavík. Mr. B. Sæmundsson of the Reykjavík Museum has, however, kindly informed me that he knows nothing as to the occurrence of Icelandic specimens of this, or allied, species in the collections there.

Erroneously recorded from Iceland.

Lycaena sp.

Symington 1862 p. 105; [F. A. Walker 1889 a]; Jacobson 1899 p. 230; Pagenstecher 1909 p. 71.

Based upon the following report of Symington (l. c.): "In the neighbourhood of the river we saw many small butterflies — blue and white — both fluttering and flying kinds", Jacobson (l. c.) and through him Pagenstecher (l. c.) introduced a *Lycaena* sp. in the list of Islandic Lepidoptera.

I see, however, no valid reason for supposing that Symington by using the term *Butterflies* just intended to express *Rhopalocera* in contradistinction to other Lepidoptera flying by day. In Iceland the moths are flying in

the daylight and e. g. *Cidaria hastata thulearia* may very well appear to have a bluish tint when flying.

Erroneously recorded from Iceland.

Diacrisia sanio L.

(Seitz II p. 94; Staud. & Rebel I no: 4186).

Diacrisia Sanio Staudinger & Rebel 1901 p. 367. *D. sannio* Spuler 1910 p. 132; Seitz 1913 p. 94.

Among the localities of this species, Iceland is included in the Catalogue of Staudinger & Rebel (l. c.) from where this has been adopted by Spuler (l. c.) and Seitz (l. c.). This is the only record of the occurrence of this species in Iceland, I have seen.

Euxoa cursoria Hufn.

(Seitz III p. 30; Staud. & Rebel I no: 1358).

Agrotis cursoria F. A. Walker 1889 a p. 300; Jacobson 1899 p. 230; Pagenstecher 1909 p. 71.

The above records refer to 4 specimens taken at Akureyri (N. Iceland) by F. A. Walker; there can hardly be any doubt, however, that the specimens in question have been *Euxoa islandica* (no: 5 p. 341), and not *E. cursoria*.

Polia contigua Schiff.

(Seitz III p. 71; Staud. & Rebel I no: 1469).

Hadena contigua? F. A. Walker 1890 b p. 377. *H. contigua* F. A. Walker 1890 c p. XXXV.

Doubtless the specimens recorded by Walker (l. c.) as *contigua* belong to *Crino sommeri* (no: 11 p. 344).

Note: According to Walker (1890 c) *Hadena contigua* is stated by Newman "to be generally distributed in England, Scotland, and Iceland". This is erroneous. Newman (post 1868 p. 422) has: "generally distributed in England, Scotland, and Ireland" (not Iceland).

[*Polia akureyriensis*.

Hadena akureyriensis F. A. Walker 1889 a p. 300; *H. pisi* var. *Aku-*

reyriensis F. A. Walker 1890 c p. XXXV. *Mamestra akureyriensis* Jacobson 1899 p. 230. *Hadena Akureyensis* Pagenstecher 1909 p. 71.

A nomen nudum only.]

Crino adusta Esp.

(Seitz III p. 131; Staud. & Rebel I no: 1665).

Hadena adusta (v. *minor*) Staudinger & Rebel 1901 p. 171. *H. adusta* Spuler 1908 p. 190.

Among the localities of this species, Iceland is included in the Catalogue of Staudinger & Rebel (l. c.) from where this has been adopted by Spuler (l. c.). This is the only record of the occurrence of this species in Iceland, I have seen.

Orrhodia vaccinii L.

(Seitz III p. 147; Staud. & Rebel I no: 2164).

?*Orrhodia vaccinii* Jacobson 1899 p. 230. *O. vaccinii* Pagenstecher 1909 p. 71.

The records of this species from Iceland are due to wrong identification of *Phalæna vaccinii* Mohr (1786 p. 91) which has to be referred to *Rhyacia festiva conflua* Tr. (no: 6 p. 342).

Oligia haworthii Curt.

(Seitz III p. 174; Staud. & Rebel I no: 1621).

Luperina haworthii Pagenstecher 1902 p. 284.

According to Pagenstecher (l. c.) this species is stated by Speyer (1862 pp. 167—168) to occur in Iceland. This is erroneous; Speyer (l. c.) has “. . . . von Irland bis zur Wolga . . .”, not Island (= Iceland).

Athetis clavipalpis Scop.

(Seitz III p. 211; Staud. & Rebel I no: 2000).

Caradrina cubicularis F. A. Walker 1890 b p. 377.

Recorded by Walker (l. c.) from Önundarfjörður (N. Iceland), but probably some misdetermination has occurred.

Autographa parilis Hb.

(Seitz III p. 345; Staud. & Rebel I no: 2579).

Plusia parilis Pagenstecher 1902 p. 294.

According to Pagenstecher (l. c.) this species is stated by Bang-Haas (1897 p. 184) to occur in Iceland. This is erroneous; Bang-Haas (l. c.) has "... , Frau Island, ...", not Island (= Iceland).

Calocalpe undulata L.

(Seitz IV p. 201; Staud. & Rebel I no: 3270).

Eucosmia undulata Jacobson 1899 p. 230; Pagenstecher 1909 p. 71.

The records of this species from Iceland are due to wrong identification of *Phalæna undulata* Mohr (1786 p. 91) which has to be referred to *Cidaria caesiata* Schiff. (no: 18 p. 347).

Lygris prunata L.

(Seitz IV p. 211; Staud. & Rebel I no: 3291).

Lygris prunata Jacobson 1899 p. 230; Pagenstecher 1909 p. 71.

The records of this species from Iceland are due to wrong identification of *Phalæna prunata* Mohr (1786 p. 91) which has to be referred to *Cidaria citrata* L. (no: 15 p. 346).

Cidaria truncata Hufn.

(Seitz IV p. 221; Staud. & Rebel. I no: 3319).

Cidaria truncata Pagenstecher 1902 p. 321, 1909 p. 71; J. J. Walker 1922 p. 7.

The records of this species from Iceland are to be referred to *Cidaria citrata* L. (no: 15 p. 346).

Cidaria fluctuata L.

(Seitz IV p. 223; Staud. & Rebel I no: 3344).

Cidaria fluctuata Jacobson 1899 p. 230; Pagenstecher 1909 p. 71.

The records of this species from Iceland are due to wrong identification of *Phalæna fluctuata* Mohr (1786 p. 91) which has to be referred to *Cidaria munitata* Hb. (no: 16 p. 346).

Cidaria didymata L.

(Seitz IV p. 231; Staud. & Rebel I no: 3358).

Cidaria didymata F. A. Walker 1890 a p. 96.

Affixing an asterisk to *Cidaria didymata*, mentioned in a paper dealing with the Faroe Islands, Walker (l. c.) indicates that this species is also met with in Iceland. I have seen no other records of *didymata* from Iceland and this species is not mentioned in any of Walker's lists of Islandic Lepidoptera*); it therefore seems most likely that some mistake must have occurred.

Cidaria alchemillata L.

(Seitz IV p. 260; Staud. & Rebel I no: 3456).

Cidaria alchemillata (rivulata) Pagenstecher 1902 p. 332, 1909 p. 71.

By an mistake of Staudinger (1857 a p. 262) *C. alchemillata* has got the author name of L(inné), instead of that of Hüb(ner), added. It is, however, obvious that the question is about *alchemillata* Hb. = *alternata* Müll. (*sociata* Bkh.) and the above records of *alchemillata* L. (*rivulata* Curt.), based upon the report of Staudinger, are erroneous.

*[Eupithecia variata.**Eupithecia variata* Pagenstecher 1902 p. 215.

According to Pagenstecher (l. c.), Staudinger (1857 a) is said to record a Lepidopterous species, named as above, from Iceland. This is due to one of the numerous misprints in Pagenstecher's publications (i. e. *scoriata*, no: 25 p. 350).]

Eupithecia valerianata Hb.

(Seitz IV p. 278; Staud. & Rebel I no: 3626).

Eupithecia valerianata Jacobson 1899 p. 231; Pagenstecher 1902 p. 215, p. 339, 1909 p. 71; J. J. Walker 1922 p. 7.

*) Besides the papers referred to p. 365, F. A. Walker has published a paper on Iceland in the "Journal of the Transactions of the Victorian Institute, or Philos. Soc. Great Britain", XXIV. London 1891 (pp. 226-251), a copy of which I have not been able to obtain.

The species recorded by Staudinger (1857 a) under this name has later on (correctly?) been referred to *E. immundata* Z. (no: 22 p. 349). *E. valerianata* Hb. has not been found in Iceland.

Biston betularia L.

(Seitz IV p. 358; Staud. & Rebel I no: 3832).

Phalæna Betularia Olavius 1780 p. 362; Mohr 1786 p. 90; Gliemann 1824 p. 165; Gaimard 1851 p. 165; Paijkull 1868 p. 356. *Amphidasys betularius* Jacobson 1899 p. 230; Pagenstecher 1909 p. 71.

The above records are all to be referred to the statement of Olavius (l. c.) who communicates, that he was told that "unusual worms" 30 years ago (i. e. 1750) were destructive to the trees in Fnioskådálr, and adds that the reported worms will hardly be other than *Phalæna Betularia*, which generally feeds on the leaves of birch. He gives, however, not the slightest additional foundation for the supposition that just the said species might be guilty of this attack, than the fact that *Phalæna Betularia* is known to feed on birch(!).

Erroneously recorded from Iceland.

Laspeyresia sp.

Grapholitha sp. Aurivillius in Klinckowström 1913 p. 17.

According to Hamfelt (1917 p. 8) the specimens recorded above have proved to be *Cnephasia osseana* Scop. (no: 29 p. 351).

Lita strelliciella H.-S.

(Spuler II p. 365; Staud. & Rebel II no: 2627).

Lita streltziella Mason 1890 p. 199; Jacobson 1899 p. 231; Pagenstecher 1909 p. 71.

Reported from Reykjavík (SW. Iceland) by Mason (l. c.); confirmation of the determination wanted (? = *Bryotropa thuleella* Staud.).

Lita acuminatella Sirc.

(Spuler II p. 368; Staud. & Rebel II no: 2688).

Lita acuminatella Mason 1890 p. 199; Jacobson 1899 p. 231.
Gelechia Acuminatella Staudinger & Rebel 1901 p. 148; ("? Isl. "). *Lita acuminatella* Pagenstecher 1909 p. 71; Spuler 1910 p. 368 ("ob in Island?").

Reported from Reykjavík (SW. Iceland) by Mason (l. c.); confirmation of the determination wanted (? = *B. thuleella* Staud.).

Lita vicinella Dougl.

(Spuler II p. 370; Staud. & Rebel II no: 2725).

Lita vicinella Mason 1890 p. 199; Jacobson 1899 p. 231; Staudinger & Rebel 1901 p. 149 ("? Isl. "). *L. ricinella* Pagenstecher 1909 p. 71. *L. vicinella* Spuler 1910 p. 370 ("ob in Isld.?").

Reported from Reykjavík (SW. Iceland) by Mason (l. c.); confirmation of the determination wanted (? = *B. thuleella* Staud.).

Bryotropha terrella Hb.

(Spuler II p. 370; Staud. & Rebel II no: 2510).

Bryotropha terrella Mason 1890 p. 199; Jacobson 1899 p. 231. *B. terreella* Pagenstecher 1909 p. 71.

Reported from Reykjavík (SW. Iceland) by Mason (l. c.); confirmation of the determination wanted (? = *B. thuleella* Staud.).

Tinea tapetzella L.

(Spuler II p. 458; Staud. & Rebel II no: 4539).

Phalæna tapezella Mohr 1786 p. 91; Gliemann 1824 p. 165. *P. topezella* Gaimard 1851 p. 165; Pajjkull 1868 p. 356. *Tinea tapezella* Jacobson 1899 p. 231. *T. tapetzella* Pagenstecher 1909 p. 71.

The above records refer all to Mohr (l. c.); probably erroneously determined (? = *Endrosis lacteella* (no: 32 p. 352) or *Monopis rusticella* (no: 37 p. 354).

Tinea pellionella L.

(Spuler II p. 461; Staud. & Rebel II no: 4584).

Phalæna pellionella Mohr 1786 p. 91; Gliemann 1824 p. 165; Gaimard 1851 p. 165; Pajjkull 1868 p. 356. *Tinea pellionella* Jacobson 1899 p. 231; Pagenstecher 1909 p. 71.

The above records refer all to Mohr (l. c.); probably erroneously determined (? = *Monopis rusticella* (no: 37 p. 354) or *Endrosis lacteella* (no: 32 p. 352)).

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