ADDITIONS AND CORRECTIONS TO THE LEPIDOPTERA FAUNA
OF MT CAGNO AND SURROUNDINGS (CENTRAL ITALY),
WITH FIRST RECORDS OF CALOPTILIA HONORATELLA
AND BUVATINA STROEMELLA FROM ITALY
(Lepidoptera)

INTRODUCTION

In a previous work (Pinzari et al., 2010) the lepidoptera fauna of a fairly re­stricted area of the Central Apennines, namely that of Mt Cagno and surround­ings, was studied. Such area, located to the north of Mt Giano (1,826 m), the
main peak of the local range, is somewhat centered around Vallemare, a sec­ondary village at about 1,000 m of altitude belonging to the municipality of
Borbona (Latium, Province of Rieti). Surveys on the Lepidoptera of the area,
begun in 1967 and regularly carried out until 2010, showed the presence of
1504 species which could be identified (Pinzari et al., 2010). Research in the
area was continued during the following years, which led to the discovery of
quite many more taxa which add to its already rich lepidoptera fauna.

The present work consists of an account on the Lepidoptera species which
have been recorded after 2010 from the area together with data on a number
of taxa which we were able to identify only subsequently and emendations to
some misidentifications, part of which were communicated to us by colleagues.

The materials and methods substantially follow those of our previous work
(Pinzari et al., 2010), to which the reader is addressed for any details about the
collecting sites, identifications and also layout of results. Additional literature
employed for identifications or distribution data is as follows: Bengtsson & Jo­hansson (2011), Falkovitsh (1989), Gershenzon (1989a, 1989b), Hausmann & Viidalepp (2012), Huemer & Gozmany (1992), Huemer & Karsholt (2010),

LIST OF SPECIES

NEPTICULIDAE

1. *Ectoedemia sericopelsea* (Zeller, 1839)

   **Records.** 1 ♀, Colle Marcone, 1121 m, 6.VIII.2011, 1 ♀, idem, 23.VIII.2011 (gen. praep. NEP 2, M. Pinzari), M. Pinzari leg.

ADELIDAE

2. *Adela cuprella* (Denis & Schiffermüller, 1775)

   **Records.** 1 ♂, Pineta (Pozzo), 1000 m, 11.V.2010 (gen. praep. ADE 13, M. Pinzari), M. Pinzari leg.

3. *Cauchas rufifrontella* (Treitschke, 1833)

   **Records.** 1 ♂, Pineta (Pozzo), 1000 m, 11.V.2010; 1 ♂ (gen. praep. ADE 14, M. Pinzari), 1 ♀, Pian Mattano, 1000 m, 17.V.2010; M. Pinzari leg.

   So far recorded in Italy from the North, the species is new to Peninsular Italy.

4. *Cauchas rufimitrella* (Scopoli, 1763)

   **Records.** 1 ♂, Pineta (Pozzo), 1000 m, 17.V.2010 (gen. praep. ADE 15, M. Pinzari), Manuela Pinzari leg. 1 ♂, Colle Marcone, 1121 m, 29.VI.2012, M. Pinzari leg.

5. *Nematopogon sericinellus* Zeller, 1847

   **Records.** 1 ♀, Colle Marcone, 1121 m, 22.V.2009, 1 ♂, idem, 24.V.2010 (gen. praep. ADE 12, M. Pinzari); 1 ♀, Pineta (Pozzo), 1000 m, 11.V.2010; 1 ♂, Fonte Perara, 983 m, 22.V.2010; 1 ♂, Valle Orticara, 1300 m, 21.V.2010; 1 ♂, Le Pacinette, 1100 m, 11.V.2010; M. Pinzari leg.

   So far recorded in Italy from the South and Sicily, the species is new to Central Italy.
TINEIDAE

6. *Nemaxera betulinella* (Paykull, 1785)

    Records. 1 ♀, Colle Marcone, 1121 m, 28.VI.2012, (gen. praep. TINEI 191, M. Pinzari), M. Pinzari leg.

    So far recorded in Italy from the North, the species is new to Peninsular Italy.

7. *Tinea semifulvella* Haworth, 1828

    Records. 1 ♂, Colle Marcone, 1121 m, 21.VII.2012 (gen. praep. TINEI 184, M. Pinzari), M. Pinzari leg.

    So far recorded in Italy from the North, the species is new to Peninsular Italy.

PSYCHIDAE

8. *Eumasia parietariella* (Heydenreich, 1851)

    Records. 3 ♂♂, Colle Marcone, 1121 m, 2.VII.2008, 1 ♂, idem, 3.VII.2008, 1 ♂, idem, 10.VII.2008 (gen. praep. PSY 4, M. Pinzari), 1 ♀, idem, 17.VII.2009 (gen. praep. PSY 7, M. Pinzari), 2 ♂♂, idem, 21.VII.2009 (gen. praep. PSY 6, M. Pinzari), 1 ♂, idem, 26.VI.2010, 1 ♂, idem, 23.VI.2010, 1 ♂, idem, 1.VII.2011 (gen. praep. PSY 5, M. Pinzari), 1 ♂, idem, 1.VII.2011, 2 ♂♂, idem, 8.VII.2011, 3 ♂♂, idem, 15.VII.2011, 1 ♂, idem, 22.VII.2011, 1 ♂, idem, 3.VI-II.2011, M. Pinzari leg.

    So far recorded in Italy from the North, the species is new to Peninsular Italy.

BUCCULATRICIDAE

9. *Bucculatrix demaryella* (Duponchel, 1840)

    Records. 1 ♂, Colle Marcone, 1121 m, 7.VIII.2011 (gen. praep. BUC 1, M. Pinzari), M. Pinzari leg.

GRACILLARIIDAE

10. *Micrurapteryx kollariella* (Zeller, 1839)

    Records. 1 ♂, Colle Marcone, 1121 m, 11.VIII.2011 (gen. praep. GRAC 29, M. Pinzari), M. Pinzari leg.
11. **Caloptilia honoratella** (Rebel, 1914) (fig. 1)

**Records.** 1 ♂, Colle Marcone, 1121 m, 5.XII.2008 (gen. praep. GRAC 36, M. Pinzari), 1 ♂, idem, 2.VIII.2012 (gen. praep. GRAC 35, M. Pinzari), M. Pinzari leg.

New to Italy. The species has been recorded only from Austria, Hungary and Macedonia.

![Fig 1](image1.png) ![Fig 2](image2.png)

Figs 1-2 – Adults of lepidoptera species new to Italy. *Caloptilia honoratella* (Rebel, 1914) (1) and *Buvatina stroemella* (Fabricius, 1779) (2). Scale bars = 5 mm.

12. **Caloptilia robustella** Jäckh, 1972

**Records.** 1 ♂, Colle Marcone, 1121 m, 27.V.2011 (gen. praep. GRAC 34, M. Pinzari), M. Pinzari leg.

13. **Caloptilia stigmatella** (Fabricius, 1781)

**Records.** 1 ♂, Colle Marcone, 1121 m, 7.XII.2008, M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

14. **Eucalybites auroguttella** (Stephens, 1835)

**Records.** 1 ♂, Colle Marcone, 1121 m, 17.VIII.2011 (gen. praep. GRAC 30, M. Pinzari), M. Pinzari leg.

15. **Povolnya leucapennella** (Stephens, 1835)

**Records.** 1 ♂, Colle Marcone, 1121 m, 21.VIII.2010 (gen. praep GRAC 28, M. Pinzari), M. Pinzari leg.
16. **Acrocercops brongniardella** (Fabricius, 1798)

   Records. 1 ♀, Colle Marcone, 1121 m, 3.VIII.2009 (gen. praep GRAC 31, M. Pinzari), M. Pinzari leg.

17. **Parornix betulae** (Stainton, 1854)

   Records. 1 ♀, Colle Marcone, 1121 m, 13.V.2011 (gen. praep GRAC 19, M. Pinzari), 1 ♀, idem, 27.V.2011 (gen. praep GRAC 16, M. Pinzari), M. Pinzari leg.

   So far recorded in Italy from the North, the species is new to Peninsular Italy.

18. **Parornix devoniella** (Stainton, 1850)

   Records. 1 ♀, Colle Marcone, 1121 m, 25.VIII.2009 (gen. praep GRAC 6, M. Pinzari), M. Pinzari leg.

19. **Parornix fagivora** (Frey, 1861)

   Records. 1 ♂ (gen. praep GRAC 5, M. Pinzari), 1 ♀ (gen. praep GRAC 10, M. Pinzari), Colle Marcone, 1121 m, 3.IX.2006, 1 ♂, idem, 14.VIII.2008, (gen. praep GRAC 9, M. Pinzari), 1 ♂, idem, 2.V.2009, (gen. praep GRAC 32, M. Pinzari), 1 ♂, idem, 12.VIII.2012, (gen. praep GRAC 21, M. Pinzari), M. Pinzari leg.

   So far recorded in Italy from the North, the species is new to Peninsular Italy.

20. **Phyllonorycter blancardella** (Fabricius, 1781)

   Records. 1 ♂, Colle Marcone, 1121 m, 9.IV.2011, 8 ♂♂, idem, 22.IV.2011 (gen. praep GRAC 7 m, M. Pinzari), 1 ♂, idem, 13.V.2011, 1 ♀, idem, 27.V.2011 (gen. praep GRAC 33 m, M. Pinzari), 1 ♂, idem, 29.IV.2012 (gen. praep GRAC 26 m, M. Pinzari), 1 ♂, idem, 30.IV.2012 (gen. praep GRAC 27 m, M. Pinzari), M. Pinzari leg.

21. **Phyllonorycter sublautella** (Stainton, 1869)

   Records. 1 ♂, Colle Marcone, 1121 m, 12.V.2012 (gen. praep GRAC 23, M. Pinzari), M. Pinzari leg.

**YPONOMEUTIDAE**

22. **Parahyponomeuta egregiella** (Duponchel, 1838)

   Records. 1 ♂, Colle Marcone, 1121 m, 20.VI.2007 (gen. praep. YPO 62, M. Pinzari), M. Pinzari leg.
So far recorded in Italy from the North and Sardinia, the species is new to Peninsular Italy.

23. **Paraswammerdamia lutarea** (Haworth, 1828)

*Records.* 1 ♀, Colle Marcone, 1121 m, 14.VII.2007 (gen. praep. YPO 56, M. Pinzari), 1 ♂, idem, 29.VI.2012 (gen. praep. YPO 60, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North and Sardinia, the species is new to Peninsular Italy.

24. **Argyresthia bergiella** (Ratzeburg, 1840)

*Records.* 1 ♀, Colle Marcone, 1121 m, 10.VI.2011 (gen. praep. ARGY 11, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

25. **Argyresthia pygmaeella** (Denis & Schiffermüller, 1775)

*Records.* 1 ♂, Colle Marcone, 1121 m, 26.VI.2009 (gen. praep. ARGY 6, M. Pinzari), 1 ♀, idem, 4.VIII.2011, M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

26. **Argyresthia semitestacella** (Curtis, 1833)

*Records.* 1 ♀, Colle Marcone, 1121 m, 4.VIII.2011, 1 ♂, idem, 15.VIII.2011, 1 ♀, idem, 20.VIII.2011, 1 ♂, idem, 23.VIII.2011, 1 ♀, idem, 24.VIII.2011, 1 ♂, idem, 26.VIII.2011, 1 ♂, idem, 27.VIII.2011 (gen. praep. ARGY 15, M. Pinzari), 1 ♀, idem, 3.IX.2011 (gen. praep. ARGY 13, M. Pinzari), 1 ♂, idem, 17.IX.2011,1 ♀, idem, 20.VIII.2012, M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

**YPSOLOPHIDAE**

27. **Ypsolophha horridella** (Treitschke, 1835)

*Records.* 1 ♂, Colle Marcone, 1121 m, 21.VII.2012, 1 ♂, idem, 13.VIII.2012, M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.
PLUTELLIDAE

28. **Rhigagnostis incarnatella** (Steudel, 1873)

**Records.** 1 ♂, Colle Marcone, 1121 m, 31.X.2011 (gen. praep. PLUT 5, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the South, Calabria (Parenti, 2000); it is dubiously recorded in the North; the species is new to Central Italy.

ACROLEPIIDAE

29. **Digitivalva pulicariae** (Klimesch, 1956)

**Records.** 1 ♂, Colle Marcone, 1121 m, 22.IV.2011 (gen. praep. ACR 4, M. Pinzari), 1 ♂. Idem, 24.IV.2011 (gen. praep. ACR 2, M. Pinzari), M. Pinzari leg.

GLYPHIPTERYGIDAE

30. **Glyphipterix simpliciella** (Stephens, 1834)

**Records.** 2 ♂♂, Fonte Perara, 983 m, 22.V.2011 (gen. praep. GLYP 1, M. Pinzari); 1 ♂, Bivio Brignola, 1062 m, 25.V.2012; M. Pinzari leg.

BEDELLIIDAE

31. **Bedellia somnulentella** (Zeller, 1847)

**Records.** 1 ♂, Colle Marcone, 1121 m, 23.VIII.2011 (gen. praep. BEDE 1, M. Pinzari), M. Pinzari leg.

ELACHISTIDAE

32. **Elachista adscitella** Stainton, 1851

**Records.** 1 ♂, Colle Marcone, 1121 m, 28.VIII.2007 (gen. praep. ELA 10, M. Pinzari), 1 ♂, idem, 23.VIII.2009 (gen. praep. ELA 21, M. Pinzari), 1 ♂, idem, 17.VIII.2011 (gen. praep. ELA 25, M. Pinzari), 1 ♂, idem, 23.VIII.2011 (gen. praep. ELA 37, M. Pinzari), 1 ♂, idem, 11.V.2012 (gen. praep. ELA 34, M. Pinzari), M. Pinzari leg.
33. **Elachista apicipunctella** Stainton, 1849

**Records.** 1 ♂, Colle Marcone, 1121 m, 2.VI.2012 (gen. praep. ELA 33, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

34. **Elachista canapennella** (Hübner, 1813)

**Records.** 1 ♂, Colle Marcone, 1121 m, 11.VI.2011 (gen. praep. ELA 24, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

35. **Elachista unifasciella** (Haworth, 1828)

**Records.** 1 ♂, Colle Marcone, 1121 m, 21.VIII.2008 (gen. praep. ELA 22, M. Pinzari), M. Pinzari leg.

**Agonoxenidae**

36. **Heinemannia festivella** (Denis & Schiffermüller, 1775)

**Records.** 1 ♀, Colle Marcone, 1121 m, 16.VI.2012, 1 ♀, idem, 22.VI.2012, M. Pinzari leg.

New to Central Italy. Of this species we do also have records from other localities in Central Italy: 1 ♂, 1 ♀, Tuscany, Capalbio Scalo (GR), 10 m, 4.V.2006, M. Pinzari leg.

**Scythrididae**

37. **Scythris obscurella** (Scopoli, 1763)

**Records.** 1 ♂, Valle Tratturo, 1455 m, 16.VI.2012 (gen. praep. SCYT 20, M. Pinzari), M. Pinzari leg.

38. **Scythris picaepennis** (Haworth, 1828)

**Records.** 2 ♂♂ (gen. praep. SCYT 30, M. Pinzari), 1 ♀ (gen. praep. SCYT 24, M. Pinzari), Bivio Brignola, 1062 m, 15 VI.2012; 1 ♀, Fonte Perara, 983 m, 24.VI.2012 (gen. praep. SCYT 25, M. Pinzari); M. Pinzari leg.
39. **Scythis pascuella** (Zeller, 1855)

Records. 1 ♂, Pratoguerra, 1420 m, 16.VI.2012 (gen. praep. SCYT 23, M. Pinzari), M. Pinzari leg.

**OECOPHORIDAE**

40. **Buvatina stroemella** (Fabricius, 1779) (fig. 2)

Records. 1 ♂, Pratoguerra, 1420 m, 18.VI.2011, M. Pinzari leg.

New to Italy. Although the species is widely common in Europe, it had not yet been recorded from Italy. The specimen was collected during daytime. The moth flew around a trunk of a dead beech.

41. **Aplota palpella** (Haworth, 1828)

Records. 1 ♂, Colle Marcone, 1121 m, 16.VIII.2012 (gen. praep. OEC 65, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

**COLEOPHORIDAE**

42. **Coleophora lutipennella** (Zeller, 1838)

Records. 2 ♀♀, Colle Marcone, 1121 m, 8.VII.2011 (gen. praep. COLE 29, COLE 69, M. Pinzari), 1 ♀, idem, 30.VI.2012 (gen. praep. COLE 84, M. Pinzari); M. Pinzari leg.

43. **Coleophora adjectella** Herrich-Schäffer, 1861

Records. 1 ♂, Colle Marcone, 1121 m, 16.VII.2011 (gen. praep. COLE 128, M. Pinzari), 1 ♂, idem, 22.VII.2011 (gen. praep. COLE 124, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North and Sardinia, the species is new to Peninsular Italy.

44. **Coleophora deauratella** Lienig & Zeller, 1846

Records. 1 ♀ Colle Marcone, 1121 m, 8.VI.2012 (gen. praep COLE 120, M. Pinzari); 2 ♂♂, Casale Manocchio, 1059 m, 12.VI.2011 (gen. praep. COLE 35, M. Pinzari), 1 ♀, idem, 18.VI.2011 (gen. praep. COLE 34, M. Pinzari); 2 ♂♂, Fonte Perara, 983 m, 22.V.2011 (gen. praep. COLE 30, M. Pinzari), 8 ♂♂, idem, 29.V.2011, 2 ♂♂, idem, 2.VI.2011; 1 ♂, Bivio Brignola, 1062 m,
25.V.2012, 1 ♂, idem, 1.VI.2012, 1 ♀, idem, 2.VI.2012, 1 ♂, idem, 3.VI.2012, 3 ♂♂ (gen. praep. COLE 121, M. Pinzari), 1 ♂, idem, 8.VI.2012, 3 ♀♀, idem, 15.VI.2012, 1 ♂, idem, 16.VI.2012, 1 ♀, Pian Mattano, 1100 m, 9.VI.2012 (gen. praep COLE 122, M. Pinzari); M. Pinzari leg.

45. **Coleophora mayrella** (Hübner, 1813)

**Records.** 1 ♂ (gen. praep. COLE 31, M. Pinzari), 1 ♀, Casale Manocchio, 1059 m, 12.VI.2011, 1 ♂, idem, 18.VI.2011; 1 ♀, Colle Marcone, 1121 m, 12.VI.2011 (gen. praep COLE 33, M. Pinzari), 1 ♂, idem, 1.VII.2011, 1 ♀, idem, 22.VI.2012, 1 ♂, idem, 23.VI.2012 (gen. praep COLE 119, M. Pinzari); 1 ♂, Fonte Perara, 983 m, 29.V.2011 (gen. praep. COLE 32, M. Pinzari); M. Pinzari leg.

46. **Coleophora albidella** (Denis & Schiffermüller, 1775)

**Records.** 1 ♀ Colle Marcone, 1121 m, 29.VI.2012 (gen. praep COLE 85, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

47. **Coleophora auricella** (Fabricius, 1794)

**Records.** 1 ♀, Colle Marcone, 1121 m, 8.VII.2011 (gen. praep. COLE 67, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

48. **Coleophora sternipennella** (Zetterstedt, 1839)

**Records.** 1 ♀, Colle Marcone, 1121 m, 17.VIII.2011 (gen. praep. COLE 39, M. Pinzari), 1 ♀, idem, 18.VIII.2011 (gen. praep. COLE 41, M. Pinzari), 1 ♀, idem, 19.VIII.2011 (gen. praep. COLE 65, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

49. **Coleophora lessinica** Baldizzone, 1980

**Records.** 1 ♀, Colle Marcone, 1121 m, 22.VIII.2011 (gen. praep. COLE 64, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

50. **Coleophora silenella** Herrich-Schäffer, 1855

**Records.** 1 ♂, Colle Marcone, 1121 m, 4.VI.2011 (gen. praep. COLE 40, M. Pinzari), 3 ♀♀, idem, 1.VII.2011 (gen. praep. COLE 45, COLE 48, COLE 53, M. Pinzari), 1 ♀, idem, 9.VII.2011 (gen. praep. COLE 52, M. Pinzari), 1 ♀, idem, 15.VII.2011 (gen. praep. COLE 51, M. Pinzari), 1 ♀, idem, 8.VII.2012 (gen. praep. COLE 97, M. Pinzari), M. Pinzari leg.
So far recorded in Italy from the North, the species is new to Peninsular Italy.

MOMPHIDAE

51. *Mompha miscella* (Denis & Schiffermüller, 1775)

Records. 1 ♀, Colle Marcone, 1121 m, 30.VIII.2007 (gen. praep. MOM 2, M. Pinzari), 1 ♂, idem, 12.VIII.2009, 1 ♂, idem, 1.IX.2009, 1 ♀, idem, 13.VIII.2010 (gen. praep. MOM 4, M. Pinzari), 1 ♀, idem, 26.VIII.2010, 1 ♂, idem, 15.VIII.2011, 1 ♂, idem, 17.VIII.2011, 1 ♂, idem, 19.VIII.2011, 2 ♂♂, idem, 22.VIII.2011 (gen. praep. MOM 1, M. Pinzari), 1 ♂, 1 ♀, idem, 1.IX.2011, 1 ♂, idem, 1.IX.2011, 1 ♂, 1 ♂, idem, 17.IX.2011, 1 ♂, idem, 30.VIII.2012, M. Pinzari leg.

52. *Mompha propinquella* (Stainton, 1851)

Records. 1 ♂, Colle Marcone, 1121 m, 3.VIII.2011 (gen. praep. MOM 3, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

AUTOSTICHIDAE

53. *Symmoca caliginella* Mann, 1867

Records. 1 ♂, Colle Marcone, 1121 m, 10.VI.2011 (gen. praep. SYMMO 13, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

AMPHISBATIDAE

54. *Pseudatemelia subochreella* (Doubleday, 1859)

Records. 1 ♀, Colle Marcone, 1121 m, 3.VII.2010, 1 ♂, idem, 3.VI.2011 (gen. praep. OEC 52, M. Pinzari), M. Pinzari leg.

COSMOPTERIGIDAE

55. *Eteobalea anonymella* (Riedl, 1965)

Records. 1 ♂, Colle Marcone, 1121 m, 25.VI.2011 (gen. praep. COSMOP 21, M. Pinzari), M. Pinzari leg.
So far recorded in Italy from the North, the species is new to Peninsular Italy.

**GELECHIIDAE**

56. *Aristotelia brizella* (Treitschke, 1833)

**Records.** 1 ♀, Colle Marcone, 1121 m, 20.VII.2012 (gen. praep. GELE 792, M. Pinzari); M. Pinzari leg.

57. *Metzneria aprilella* (Herrich-Schäffer, 1854)

**Records.** 2 ♂♂, Colle Marcone, 1121 m, 11.V.2012 (gen. praep. GELE 805, M. Pinzari), M. Pinzari leg.

58. *Eulamprotes libertinella* (Zeller, 1872)

**Records.** 1 ♂, Colle Marcone, 1121 m, 16.VII.2011 (gen. praep GELE 705, M. Pinzari), 1 ♂, idem, 23.VI.2012, 1 ♂, idem, 8.VII.2012, M. Pinzari leg.

59. *Mirificarma mulinella* (Zeller, 1839)

**Records.** 1 ♀, Colle Marcone, 1121 m, 25.VIII.2012 (gen. praep. GELE 748, M. Pinzari); M. Pinzari leg.

60. *Caryocolum mucronatella* (Chrétien, 1900)

**Records.** 1 ♀, Colle Marcone, 1121 m, 15.IX.2007 (gen. praep. GELE 803, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

61. *Syncopacma cinctella* (Clerck, 1759)

**Records.** 4 ♂♂, Fonte Perara, 983 m, 29.V.2011 (gen. praep. GELE 630, M. Pinzari); 1 ♂, Valle tratturo, 1455 m, 10.VI.2011; 2 ♂♂, Colle Marcone, 1121 m, 28.VI.2012 (gen. praep. GELE 733, M. Pinzari); 1 ♂, Bivio Brignola, 1062 m, 2.VI.2012, 1 ♂, idem, 8.VI.2012; M. Pinzari leg.

62. *Acompsia maculosella* (Stainton, 1851)

**Records.** 1 ♂, Colle Marcone, 1121 m, 16.IX.2012 (gen. praep. GELE 794, M. Pinzari); M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.
TORTRICIDAE

63. Ptycholoma lecheana (Linnaeus, 1758)

Records. 1 ♂, Colle Marcone, 1121 m, 22.V.2011, 2 ♂♂, idem, 27.V.2011, 2 ♂♂, idem, 28.V.2011, 1 ♂, idem, 29.V.2011, 1 ♂, idem, 10.VI.2011; M. Pinzari leg.

64. Endothenia marginana (Haworth, 1811)

Records. 1 ♂, Bivio Brignola, 1062 m, 26.V.2012 (gen. praep PREPT 1326, M. Pinzari), M. Pinzari leg.

65. Celypha cespitana (Hübner, 1817)

Records. 3 ♂♂, 1 ♀, Fonte Perara, 983 m, 29.V.2011, 6 ♂♂, idem, 2.VI.2011 (gen. praep PREPT 1335, M. Pinzari); M. Pinzari leg.

66. Epinotia demarniana (Fischer von Röslerstamm, 1840)

Records. 1 ♂, Colle Marcone, 1121 m, 5.VIII.2011 (gen. praep PREPT 1225, M. Pinzari), M. Pinzari leg.

67. Gypsonoma aceriana (Duponchel, 1843)

Records. 1 ♂, Colle Marcone, 1121 m, 20.V.2011 (gen. praep PREPT 1336, M. Pinzari); M. Pinzari leg.

68. Epiblema hepaticana (Treitschke, 1835)

Records. 1 ♀, Bivio Brignola, 1062 m, 1.VI.2012 (gen. praep PREPT 1327, M. Pinzari), 1 ♂, idem, 2.VI.2012 (gen. praep PREPT 1329, M. Pinzari), M. Pinzari leg.

69. Pseudococcyx tessulatana (Staudinger, 1871)

Records. 1 ♂, Colle Marcone, 1121 m, 17.IX.2011, 1 ♂, idem, 15.VI.2012, M. Pinzari leg.

70. Ancylis laetana (Fabricius, 1775)

Records. 1 ♀, Colle Marcone, 1121 m, 10.VIII.2011, 1 ♀, idem, 8.VI.2012, 1 ♀, idem, 22.VI.2012, M. Pinzari leg.

71. Ancylis badiana (Denis & Schiffermüller, 1775)

Records. 1 ♂, Pratoguerra, 1420 m, 18.VI.2011 (gen. praep. PREPT 1201, M. Pinzari), M. Pinzari leg.
72. *Cydia gemmiferana* (Treitschke, 1835)

Records. 1 ♂, Fonte Perara, 983 m, 22.V.2011 (gen. praep. PREPT 1200, M. Pinzari), Manuela Pinzari leg; 2 ♂♂, Fonte Perara, 983 m, 29.V.2011, M. Pinzari leg.

73. *Cydia orobana* (Treitschke, 1830)

Records. 1 ♀, Colle Marcone, 1121 m, 10.VI.2011 (gen. praep. PREPT 1337, M. Pinzari); 1 ♀, Bivio Brignola, 1062 m, 1.VI.2012, 1 ♂, idem, 2.VI.2012 (gen. praep. PREPT 1338, M. Pinzari); M. Pinzari leg.

74. *Pammene argyrana* (Hübner, 1796-99)

Records. 1 ♂, Colle Marcone, 1121 m, 12.V.2012, M. Pinzari leg.

75. *Pammene albuginana* (Guenée, 1845)

Records. 1 ♂, Colle Marcone, 1121 m, 27.V.2011 (gen. praep. PREPT 1240, M. Pinzari), 1 ♂, idem, 2.IX.2011 (gen. praep PREPT 1242, M. Pinzari), M. Pinzari leg.

76. *Pammene giganteana* (Peyerimhoff, 1863)

Records. 1 ♂, Colle Marcone, 1121 m, 9.IV.2011, M. Pinzari leg.

77. *Pammene blockiana* (Herrich-Schäffer, 1851)

Records. 1 ♂, Colle Marcone, 1121 m, 31.VII.2012, M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Central Italy.

78. *Dichrorampha sequana* (Hübner, 1799)

Records. 1 ♂, Valle Tratturo, 1455 m, 3.VI.2011 (gen. praep. PREPT 1218, M. Pinzari); 1 ♂, Pian Mattano, 1100 m, 9.VI.2012, M. Pinzari leg.

So far recorded in Italy from the North and South, the species is new to Central Italy.

79. *Dichrorampha senectana* Guenée, 1845

Records. 1 ♀, Valle Tratturo, 1455 m, 3.VI..2011 (gen. praep. PREPT 1251, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.
URODIDAE

80. **Wockia asperipunctella** (Bruand, 1851)

    *Records.* 1 ♀, Colle Marcone, 1121 m, 20.VII.2009 (gen. praep URO 1, M. Pinzari), M. Pinzari leg.

    So far known in Italy from the North (Huemer, 2012) and in Italy without precisely providing the locality (Kyrki, 1988), the species is new to Peninsular Italy.

PTEROPHORIDAE

81. **Amblyptilia acanthadactyla** (Hübner, 1813)

    *Records.* 1 ♀, Colle Marcone, 1121 m, 4.VIII.2011 (gen. praep. PTER 46, M. Pinzari), M. Pinzari leg.

82. **Stenoptilia bipunctidactyla** (Scopoli, 1763)

    *Records.* 1 ♀, Colle Marcone, 1121 m, 20.VIII.2012 (gen. praep. PTER 84, M. Pinzari); 1 ♂, Prato Lungo, 1533 m, 18.VIII.1993 (gen. praep. PTER 17, M. Pinzari); M. Pinzari leg.

83. **Crombrugghia tristis** (Zeller, 1841)

    *Records.* 1 ♂, Colle Marcone, 1121 m, 13.V.2011 (gen. praep. PTER 47, M. Pinzari); 1 ♂, Fonte Perara, 983 m, 29.V.2011, 1 ♂, idem, 2.VI.2011 (gen. praep. PTER 44, M. Pinzari), M. Pinzari leg.

84. **Capperia maratonica** Adamczewski, 1951

    *Records.* 1 ♀, Colle Marcone, 1121 m, 17.VIII.2011 (gen. praep. PTER 48, M. Pinzari), M. Pinzari leg.

85. **Pterophorus ischnodactyla** (Treitschke, 1835)

    *Records.* 1 ♂, Colle Marcone, 1121 m, 29.VI.2012 (gen. praep. PTER 78, M. Pinzari), M. Pinzari leg.

86. **Ovendenia lienigianus** (Zeller, 1852)

    *Records.* 1 ♀, Colle Marcone, 1121 m, 7.VIII.2012 (gen. praep. PTER 74, M. Pinzari), 1 ♀, idem, 29.VIII.2012 (gen. praep. PTER 75, M. Pinzari), 1 ♀, idem, 30.VIII.2012, M. Pinzari leg.
PYRALIDAE

87. *Pempeliella sororiella* Zeller, 1839)

Records. 1 ♂, Colle Marcone, 1121 m, 2.VIII.2012, 1 ♂, idem, 15.VIII.2012 (gen. praep. PYRA 259, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy.

88. *Denticera divisella* (Duponchel, 1842)

Records. 1 ♀, Colle Marcone, 1121 m, 28.VII.2012 (gen. praep. PYRA 266, M. Pinzari), M. Pinzari leg.

89. *Nephopterix angustella* (Hübner, 1796)

Records. 1 ♂, Colle Marcone, 1121 m, 12.V.2012 (gen. praep. PYRA 272, M. Pinzari), 1 ♂, idem, 28.VII.2012 (gen. praep. PYRA 271, M. Pinzari), M. Pinzari leg.

So far recorded in Italy from the North, the species is new to Peninsular Italy. Of this species we do also have records from other localities of Latium: 1 ex., Castel Sant’Angelo (RI), Sorgenti del Peschiera, 500 m, 25.VII.2008, M. Pinzari leg.

90. *Phycitodes binaevella* (Hübner, 1813)

Records. 1 ♀, Colle Marcone, 1121 m, 30.VIII.2012 (gen. praep. PYRA 261, M. Pinzari), M. Pinzari leg.

91. *Vitula biviella* (Zeller, 1848)

Records. 1 ♀, Colle Marcone, 1121 m, 20.VII.2008 (gen. praep. PYRA 100, M. Pinzari), M. Pinzari leg.

92. *Cadra furcatella* (Herrich-Schäffer, 1849)

Records. 1 ♀, Colle Marcone, 1121 m, 22.VII.2010 (gen. praep. PYRA 204, M. Pinzari), 1 ♂, idem, 13.VIII.2010 (gen. praep. PYRA 205, M. Pinzari), 1 ♂, idem, 5.VIII.2012, 1 ♂, idem, 30.VIII.2012 (gen. praep. PYRA 262, M. Pinzari), M. Pinzari leg.

93. *Ematheudes punctella* (Treitschke, 1833)

Records. 1 ♀, Colle Marcone, 1121 m, 28.VI.2012 (gen. praep. PYRA 273, M. Pinzari), M. Pinzari leg.
94. **Scoparia conicella** (La Harpe, 1863)

    Records. 1 ♀, Colle Marcone, 1121 m, 1.VII.2011 (gen. praep. PYRA 194, M. Pinzari), M. Pinzari leg.

**CRAMBIDAE**

95. **Crambus lathoniellus** (Zincken, 1817)

    Records. 2 ♂♂, Pian Mattano, 1100 m, 9.VI.2012, 1 ♂, 3 ♀♀, idem, 16.VI.2012, M. Pinzari leg.

96. **Crambus perlella** (Scopoli, 1763)

    Records. 1 ♂, Colle Marcone, 1121 m, 8.VII.2012, (gen. praep. PYRA 265, M. Pinzari), M. Pinzari leg.

97. **Achyra nudalis** (Hübner, 1796)

    Records. 1 ♂, Colle Marcone, 1121 m, 30.VII.2011; M. Pinzari leg.

**GEOMETRIDAE**

98. **Cyclophora annularia** (Fabricius, 1775)

    Records. 1 ♀, Colle Marcone, 1121 m, 13.VIII.2012, M. Pinzari leg.

99. **Eupithecia plumbeolata** (Haworth, 1809)

    Records. 1 ♀, Colle Marcone, 1121 m, 8.VII.2012 (gen. praep. GEOM 324, M. Pinzari), M. Pinzari leg.

100. **Minoa murinata** (Scopoli, 1763)

    Records. 1 ♂, Li Merchi, 1543 m, 3.VI.2011, M. Pinzari leg.

**NOCTUIDAE**

101. **Agrochola prolai** Berio, 1976

    Records. 1 ♂, 1 ♀, Colle Petruccio, 1000 m, 1.IX.2012, A. Zilli leg.

    The northern most population of this Apennine endemic so far.
102. **Hadena silenes** (Hübner, 1822)

   **Records.** 1 ♀, Colle Marcone, 1121 m, 14.V.2011; M. Pinzari leg.

103. **Panolis flamma** (Denis & Schiffermüller, 1775)

   **Records.** 1 ♂, Colle Marcone, 1121 m, 9.IV.2011, 1 ♂, idem, 27.IV.2012; M. Pinzari leg.

**CORRECTIONS**

**Metasia carnealis** (Treitschke, 1829) [*Metasia corsicalis* (Duponchel, 1833)]

Frantisek Slamka (pers. comm.) kindly informs us that the specimens recorded as *Metasia carnealis* (Treitschke, 1829) have to be attributed to *Metasia corsicalis* (Duponchel, 1833).

**Chesias legatella** (Denis & Schiffermüller, 1775) [*Chesias capriata* Prout, 1904]

Following Hausmann & Viidalepp (2012) it is well evident that records from the Apennine Peninsula usually given as of *Chesias legatella* (Denis & Schiffermüller, 1775), including ours, have to be ascribed to *Chesias capriata* Prout, 1904.

**Entephria flavicinctata** (Hübner, 1813) [*Euphyia frustata* (Treitschke, 1828)]

The record of *Entephria flavicinctata* (Hübner, 1813) from Colle Marcone was based on a fairly unusually patterned specimen which has now been dissected and turned out as of *Euphyia frustata* (Treitschke, 1828). *Entephria flavicinctata* must therefore be provisionally excluded from the fauna of the study area.

**Selidosema plumaria** (Denis & Schiffermüller, 1775) [*Selidosema brunnearia* (Villers, 1789)]

Having failed to amend a preliminary version of our manuscript, records of *Selidosema* Hübner, 1823 were all wrongly given as of *Selidosema plumaria* (Denis & Schiffermüller, 1775). Thanks to our colleague Claudio Flamigni who spotted this mistake we revised all material and may confirm the presence of only *Selidosema brunnearia* (Villers, 1789) so far.
Agonopterix rotundella (Douglas, 1846) [Agonopterix irrorata (Staudinger, 1870)]

All records of Agonopterix rotundella (Douglas, 1846) must be in reality attributed to Agonopterix irrorata (Staudinger, 1870). The latter was recorded in the Italian checklist (Baldizzone et al., 1995) only from Sicily and due to some resemblance in the male genitalia with Agonopterix rotundella, deemed to be widespread all over Italy, we ascribed to this the populations from the area of Mt Cagno. Subsequently, we traced an old quotation of A. irrorata from Central Italy, namely Ragusa’s (1889), who stated “Il dottore Wocke mi scriveva di possederla pure di Roma” (“Dr. Wocke wrote me to have it also from Rome”), a fact which led us to study in more detail the issue. Accordingly, following dissections of the genitalia of many specimens from the study area we may now confirm that they belong to the species described by Staudinger. Other specimens of A. irrorata were found by us in the Abruzzi, e.g. 1 ♂, 1 ♀, Pescina (AQ), 1200 m, 13.VI.2003, M. Pinzari leg., whereas we did not trace any specimen of A. rotundella from Central Italy so far.

Agonopterix irrorata is a Central-Eastern Mediterranean species recorded from France, Switzerland (Valais), Italy, Sicily, Dalmatia, Greece, Ukraine, Cyclades Is., Crete and the Middle East. It may be distinguished from A. rotundella by the white-centered discal spots of forewing and, in the male genitalia, the rounded socii and slender valva (Figs 3-5). In fact, the spots of A. rotundella are entirely black, the socii sharply cornered externally and the valva shorter and wider. Fresh specimens of A. irrorata also have a rosy hue which is absent in A. rotundella. To our knowledge, the female genitalia of A. irrorata have never been illustrated before and are thus given here (fig. 6).

Scotopteryx moeniata (Scopoli, 1763) [Scotopteryx angularia (de Villers, 1789), partim]

Data given to Scotopteryx moeniata and Scotopteryx angularia were in most part wrongly repeated twice. A new analysis of the material, also after dissections, allowed to confirm in the site of Colle Marcone only S. angularia. The two species may be confirmed however for Colle Petruccio.

Idaea elongaria (Rambur, 1833) [Idaea obsoletaria (Rambur, 1833)]

A basic mistake occurred in our previous work and all specimens of Idaea obsoletaria (Rambur, 1833) were wrongly given as of Idaea elongaria (Rambur, 1833).
New lepidopterological surveys on Mt Cagno and surroundings and determination of some previously unidentified material led to assess the presence of 103 species formerly unrecorded from the study area. Two out of these are new to Italian Fauna, thirty to the Italian Peninsula and three to Central Italy. At present, 1606 are thus the Lepidoptera species known to occur in the area.

CONCLUDING REMARKS

Figs 3-4 – Adults of *Agonopterix irrorata* (Staudinger, 1870). Male (3) and female (4). Scale bars = 5 mm.

Figs 5-6 – Genitalia of *Agonopterix irrorata* (Staudinger, 1870). Male (gen. praep. DEPRE 230, M. Pinzari) (5) and female (gen. praep. DEPRE 129, M. Pinzari) (6).
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SUMMARY

The work deals with the results of new lepidopterological material from Mt Cagno and surroundings in the Central Apennines (Latium, Italy), an area which was extensively studied in a previous work by the authors. The lepidoptera fauna of the area enriches with a further 103 species, two of which new to Italy, namely Caloptilia honoratella (Rebel, 1914) (Gracillariidae) and Buvatina stroemella (Fabricius, 1779) (Oecophoridae). A few emendations to the original list are also provided.

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