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Synonymical and distributional list of the species of Muş Province (East Turkey) (*Lepidoptera*)

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Abstract: Synonymical and distributional list of the species of Muş Province (East Turkey) (*Lepidoptera*). *Cent. ent. Stud., Misc. Pap.* 142: 1-6.

This paper deals with the synonymical and distributional list of the *Lepidoptera* species of Muş Province (East Turkey). It is based upon the Info-system of the Cesa. It comprises totally 224 *Lepidoptera* species recorded in Muş Province so far.

Key Words: *Lepidoptera*, fauna, Muş Turkey.

The following list of the species, arranged alphabetically under the families, are based upon the Info-system of the Cesa for the purpose of determining the hitherto known species recorded in the Province. Distribution in Turkey for each species is given as official provincial codes. The code of Muş (49) is marked as bold. Further studies on the *Lepidoptera* of Muş Province will be published separately.

1. *Chelis reticulata* (Christoph,1887) (Arctiidae) Provincial Distribution in Turkey: 04 07 24 25 30 36 42 **49** 58 60 65 75
2. *Diaphora mendica* (Linnaeus,1761) (Arctiidae) Provincial Distribution in Turkey: 05 07 10 12 16 24 31 33 35 36 44 46 **49** 51 60 65
3. *Ocnogyna (Somatotrichia) anatolica* Witt,1980 (Arctiidae) Provincial Distribution in Turkey: 04 25 **49** 62 65
4. *Ocnogyna (s.str.) herrichi* Staudinger,1879 (Arctiidae) Provincial Distribution in Turkey: 01 12 33 44 46 **49** 62
5. *Aglais urticae* (Linnaeus,1758) (Argynnididae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 10 11 12 13 14 16 17 18 19 21 22 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 **49** 50 51 52 53 55 58 60 61 62 65 66 69 70 73 74 76 78 81
6. *Argynnis (Fabriciana) niobe* (Linnaeus,1758) (Argynnididae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 11 12 13 14 15 16 18 23 24 25 27 29 30 31 32 33 35 36 38 39 42 43 44 46 47 48 **49** 50 51 53 56 58 60 61 62 65 66 69 71 70 73 74 76 80
7. *Argynnis (Pandoriana) pandora* ([Denis & Schiffermüller],1775) (Argynnididae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 46 47 48 **49** 50 51 52 53 55 56 58 60 61 62 63 65 66 67 69 70 71 72 73 74 76 77 78 80 81
8. *Brenthis daphne* (Bergsträsser,1780) (Argynnididae) Provincial Distribution in Turkey: 01 03 05 07 08 10 11 13 15 16 17 20 22 23 24 25 29 30 31 32 33 34 36 37 39 42 43 44 45 46 48 **49** 59 60 62 69 73 76 80
9. *Brenthis hecate* ([Denis & Schiffermüller],1775) (Argynnididae) Provincial Distribution in Turkey: 03 05 06 08 10 13 16 23 24 25 29 30 34 36 37 39 42 44 **49** 58 60 62 65 66 69 70 73 74 76
10. *Cynthia cardui* (Linnaeus,1758) (Argynnididae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 **49** 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 67 68 69 70 71 72 73 74 75 76 78 80 81
11. *Issoria lathonia* (Linnaeus,1758) (Argynnididae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 48 **49** 50 51 52 53 55 56 57 58 59 60 61 62 65 66 67 69 70 71 73 74 75 76 77 80 81
12. *Melitaea (Cinclidia) (phoebe) punica* Oberthür,1876 (Argynnididae) Provincial Distribution in Turkey: 01 02 03 05 06 07 08 10 12 13 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 41 42 43 44 46 48 **49** 50 51 55 56 58 60 62 65 66 68 69 70 71 73 76 80
13. *Melitaea (Didymaeformis) didyma* (Esper,[1779]) (Argynnididae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 **49** 50 51 52 53 54 55 58 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80
14. *Melitaea (Didymaeformis) fascelis* (Fabricius,1787) (Argynnididae) Provincial Distribution in Turkey: 01 02 03 05 06 07 08 09 10 11 12 13 15 16 17 18 19 20 22 23 25 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 47 48 **49** 50 51 55 56 57 58 59 60 62 63 65 66 69 70 71 72 73 76 77 80 81
15. *Melitaea (Didymaeformis) persea* Kollar,[1849] (Argynnididae) Provincial Distribution in Turkey: 02 13 21 23 24 25 27 30 36 44 46 47 **49** 56 62 63 65 72 73 75
16. *Melitaea (s.str.) arduinna* (Fabricius,1787) (Argynnididae) Provincial Distribution in Turkey: 01 02 05 07 10 13 21 24 25 27 30 31 32 36 39 42 43 44 46 47 **49** 56 65 72 73 80
17. *Melitaea (s.str.) cinxia* (Linnaeus,1758) (Argynnididae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 12 13 14 16 17 18 20 21 23 24 25 26 27 28 29 30 31 32 33 34 36 37 38 39 41 42 43 44 46 47 48 **49** 50 51 52 55 56 58 60 61 62 65 66 69 70 71 73 74 76 80
18. *Nymphalis xanthomelas* (Esper,[1781]) (Argynnididae) Provincial Distribution in Turkey: 01 05 06 08 12 13 16 21 24 25 30 31 33 34 36 42 46 **49** 51 56 62 69 72 73 76
19. *Polygonia (Comma) c-album* (Linnaeus,1758) (Argynnididae) Provincial Distribution in Turkey: 03 05 06 08 11 13 14 16 17 18 20 21 22 24 25 27 29 30 31 32 33 34 36 37 39 41 42 43 44 46 48 **49** 50 52 53 55 59 60 61 62 65 66 73 74 76 78 81
20. *Polygonia (Comma) egea* (Cramer,[1775]) (Argynnididae) Provincial Distribution in Turkey: 01 02 04 05 06 07 08 09 13 14 16 17 20 21 23 24 25 26 27 29 30 32 33 34 35 36 37 38 41 42 43 44 45 46 47 48 **49** 50 51 53 56 58 60 62 63 65 66 68 71 72 73 76 78 80
21. *Acossus terebrus* (Denis,1785) (Cossidae) Provincial Distribution in Turkey: 12 14 32 36 **49** 56
22. *Cossulus lignosus* (Brandt,1938) (Cossidae) Provincial Distribution in Turkey: 04 12 25 30 36 42 46 **49** 50 58 68 69 73

- 23. *Cossus cossus* (Linnaeus,1758)** (Cossidae) Provincial Distribution in Turkey: 01 05 06 12 13 14 16 17 19 23 25 30 36 42 46 **49** 53 55 58 60 61 62 65 73
- 24. *Isoceras bipunctatum* (Staudinger,1887)** (Cossidae) Provincial Distribution in Turkey: 06 07 13 25 27 29 30 33 38 46 **49** 56 58 60 63 71 73
- 25. *Cilix asiatica* A.Bang-Haas,1907** (Drepanidae) Provincial Distribution in Turkey: 05 06 07 10 12 17 30 33 36 42 45 46 47 **49** 50 56 58 65 71 73
- 26. *Watsonalla binaria* (Hufnagel,1767)** (Drepanidae) Provincial Distribution in Turkey: 05 06 08 10 12 14 16 21 30 42 46 **49** 50 53 56 62 65 71 73 75
- 27. *Rhodostrophia auctata* (Staudinger,1879)** (Geometridae) Provincial Distribution in Turkey: 05 06 24 25 29 38 42 43 46 **49** 50 51 57 58 61 62 65 69 71 76
- 28. *Carcharodus (Lavatheria) lavatherae* (Esper,[1783])** (Hesperiidae) Provincial Distribution in Turkey: 01 03 05 06 07 08 12 13 14 17 18 19 21 23 24 25 29 30 32 33 36 37 38 39 40 41 42 44 46 **49** 50 51 56 58 60 62 65 66 68 70 72 73 74 75 76
- 29. *Carcharodus (Reverdinus) orientalis Reverdin,1913*** (Hesperiidae) Provincial Distribution in Turkey: 01 03 05 06 07 08 10 13 14 16 17 18 19 20 21 23 24 25 27 29 30 31 32 33 34 35 36 38 39 42 43 44 46 47 48 **49** 50 51 56 58 60 62 63 65 66 69 70 72 73 74 76
- 30. *Carcharodus (s.str.) alceae* (Esper,[1780])** (Hesperiidae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 09 10 12 13 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 38 39 41 42 43 44 45 46 47 48 **49** 50 51 53 56 58 60 62 63 65 66 67 70 71 72 73 74 75 76 79 80
- 31. *Erynnis (s.str.) tages* (Linnaeus,1758)** (Hesperiidae) Provincial Distribution in Turkey: 01 03 05 06 07 08 11 12 13 14 16 17 18 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 **49** 50 51 52 54 56 58 59 62 63 65 66 67 69 70 71 73 75 76
- 32. *Muschampia nomas* (Lederer,1855)** (Hesperiidae) Provincial Distribution in Turkey: 01 03 05 06 07 12 13 21 23 27 31 32 33 38 42 44 46 47 **49** 50 51 58 60 62 63 70 72 73
- 33. *Muschampia poggei* (Lederer,1858)** (Hesperiidae) Provincial Distribution in Turkey: 01 07 12 13 21 23 24 25 27 30 33 42 44 46 47 **49** 56 58 62 63 65 70 72
- 34. *Muschampia proteides* (Wagner,1929)** (Hesperiidae) Provincial Distribution in Turkey: 01 03 05 06 07 08 13 14 15 21 24 25 32 33 38 42 43 44 46 **49** 51 58 60 65 70 76
- 35. *Pyrgus armicanus* (Oberthür,1910)** (Hesperiidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 12 13 14 16 17 18 19 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 41 42 43 44 46 **49** 51 52 53 58 60 61 62 65 66 68 69 70 71 73 74 76 79
- 36. *Pyrgus melotis* (Duponchel,[1834])** (Hesperiidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 12 13 14 18 20 21 23 24 25 27 28 29 30 31 32 33 35 36 38 42 43 44 46 48 **49** 50 51 52 53 58 60 61 65 66 69 70 71 73 80
- 37. *Pyrgus serratulae* (Rambur,[1839])** (Hesperiidae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 12 13 14 17 18 23 24 25 27 28 29 30 31 32 33 34 36 37 38 39 42 46 47 48 **49** 50 51 52 53 54 58 60 61 62 65 66 69 70 71 73 74 75 76
- 38. *Pyrgus sidae* (Esper,[1784])** (Hesperiidae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 10 12 13 14 16 17 18 20 21 23 24 25 28 29 30 32 33 34 35 36 38 39 41 42 46 **49** 50 51 53 58 59 60 61 62 65 66 69 71 72 73 74 75 76 81
- 39. *Spialia (Neospialia) orbifer* (Hübner,[1823])** (Hesperiidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 **49** 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 72 73 74 75 76 77 80
- 40. *Spialia (s.str.) phlomidis* (Herrich-Schäffer,[1845])** (Hesperiidae) Provincial Distribution in Turkey: 03 04 05 06 07 08 10 12 13 14 15 16 17 19 23 24 25 26 29 30 32 34 36 38 42 44 **49** 50 51 58 60 62 65 66 69 70 71 75 76
- 41. *Thymelicus lineolus* (Ochsenheimer,1808)** (Hesperiidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 10 12 13 14 15 16 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 36 38 39 40 42 43 44 46 47 48 **49** 50 51 56 58 60 62 63 65 66 69 70 71 73 74 75 76 80
- 42. *Thymelicus sylvestris* (Poda,1761)** (Hesperiidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 **49** 50 51 56 58 60 61 62 63 64 65 66 67 69 70 71 72 73 74 75 76 81
- 43. *Lasiocampa trifolii* ([Denis & Schiffermüller],1775)** (Lasiocampidae) Provincial Distribution in Turkey: 01 05 06 10 12 14 19 32 33 35 42 45 46 **49** 58 59 60
- 44. *Malacosoma alpicola* Staudinger,1870 /*primum* Staudinger,1887** (Lasiocampidae) Provincial Distribution in Turkey: 12 13 30 36 44 45 **49** 60 65 66 69 72
- 45. *Malacosoma neustrium* (Linnaeus,1758)** (Lasiocampidae) Provincial Distribution in Turkey: 05 06 08 12 13 14 17 19 22 23 25 30 32 33 35 36 37 42 46 **49** 53 58 60 61 62 65 71
- 46. *Phyllodesma (s.str.) tremulifolium* (Hübner,[1810])** (Lasiocampidae) Provincial Distribution in Turkey: 01 05 06 07 10 12 13 24 25 30 32 33 36 42 46 **49** 58 60 62 64 65 71
- 47. *Lemonia peilei* Rothschild,1921** (Lemoniidae) Provincial Distribution in Turkey: 12 24 **49** 62 63
- 48. *Celastrina argiolus* (Linnaeus,1758)** (Lycaenidae) Provincial Distribution in Turkey: 01 02 03 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 45 46 47 48 **49** 50 51 52 53 54 56 59 60 61 62 65 66 67 69 72 73 75 76 81
- 49. *Glaucopsyche (s.str.) alexis* (Poda,1761)** (Lycaenidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 **49** 50 51 52 56 58 60 61 62 65 66 68 69 70 71 73 74 76 80
- 50. *Lampides boeticus* (Linnaeus,1767)** (Lycaenidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 39 40 42 44 45 46 47 48 **49** 50 51 52 53 56 58 60 62 63 64 65 70 71 72 73 76
- 51. *Lycaena (Alciphronia) alciphron* (Rottemburg,1775)** (Lycaenidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 **49** 50 51 53 58 60 61 62 65 66 69 71 72 73 74 76
- 52. *Lycaena (Loweia) tityrus* (Poda,1761)** (Lycaenidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 **49** 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
- 53. *Lycaena (Margelycaena) euphratica* (Eckweiler,1989)** (Lycaenidae) Provincial Distribution in Turkey: 02 12 13 25 30 **49** 65 72 73
- 54. *Lycaena (Palaeochrysophanus) candens* (Herrich-Schäffer,[1845])** (Lycaenidae) Provincial Distribution in Turkey: 03 04 05 06 08 13 14 16 18 24 25 28 29 30 36 43 **49** 52 53 58 60 61 65 66 69 75 76
- 55. *Lycaena (Thersamonia) thersamon* (Esper,[1784])** (Lycaenidae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 10 11 12 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 31 32 33 34 35 38 39 40 41 42 43 44 46 48 **49** 50 51 52 53 55 56 57 58 59 60 62 66 68 69 70 71 74 76 77 79 80
- 56. *Lycaena (Thersamonia) thetis* (Klug,1834)** (Lycaenidae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 12 13 16 24 25 29 30 32 33 35 36 38 42 46 48 **49** 51 58 60 62 65 66 69 73 75 76
- 57. *Lycaena (s.str.) phlaeas* (Linnaeus,1761)** (Lycaenidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 47 48 **49** 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 68 69 71 72 73 74 76 81
- 58. *Maculinea arion* (Linnaeus,1758)** (Lycaenidae) Provincial Distribution in Turkey: 03 04 05 06 08 13 14 16 24 25 29 34 36 **49** 62 65 69 74 75 76
- 59. *Plebejus (Kretania) carmon* (Gerhard,[1851])** (Lycaenidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 12 13 14 16 18 19 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 42 44 46 47 48 **49** 50 51 56 58 60 62 63 64 65 66 69 70 71 72 73 74 76
- 60. *Plebejus (Lycaeides) idas* (Linnaeus,1761)** (Lycaenidae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 13 14 16 18 19 24 25 26 29 30 33 36 37 38 39C 42 44 46 **49** 51 52 53 58 62 65 66 67 69 70 73 74 76
- 61. *Plebejus (Plebejides) modicus* Verity,1935** (Lycaenidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 12 13 14 16 17 18 19 21 23 24 25 26 28 29 30 32 33 34 35 36 37 38 42 44 46 47 48 **49** 50 51 52 53 56 58 59 60 62 65 66 68 69 70 71 72 73 75 76
- 62. *Plebejus (s.str.) argus* (Linnaeus,1758)** (Lycaenidae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 10 13 14 16 17 18 22 24 25 26 28 29 30 32 33 34 36 37 38 39 41 42 43 46 **49** 50 51 52 53 54 55 58 59 60 62 65 66 67 69 70 73 75 76

- 63. *Polyommatus (Albulina (Plebejidea)) loewii (Zeller,1847)* (Lycaenidae) Provincial Distribution in Turkey:** 01 02 03 04 05 06 07 08 12 13 14 15 18 21 24 25 26 27 29 30 32 33 36 37 38 40 42 43 44 46 47 48 49 50 51 53 56 58 60 62 63 65 66 69 70 71 72 73 75 76 80
- 64. *Polyommatus (Aricia (s.str.)) agestis ([Denis & Schiffermüller],1775)* (Lycaenidae) Provincial Distribution in Turkey:** 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 45 46 47 48 49 50 51 54 55 56 58 60 61 62 63 65 66 68 69 70 71 72 73 75 76 81
- 65. *Polyommatus (s.str. (Agrodiaetus (Actisia))) firdussii (Forster,1956)* (Lycaenidae) Provincial Distribution in Turkey:** 01 03 04 08 24 25 29 30 31 36 38 42 44 46 49 50 51 58 62 65 66 69 76
- 66. *Polyommatus (s.str. (Cyaniris)) bellis (Freyer,[1842])* (Lycaenidae) Provincial Distribution in Turkey:** 01 03 04 05 06 07 08 10 12 13 14 16 17 18 19 21 23 24 25 27 28 29 30 31 32 33 34 36 37 38 39 42 44 46 49 50 51 52 53 56 58 59 60 61 62 65 66 69 70 71 73 74 76 80
- 67. *Polyommatus (s.str. (Lysandra)) bellargus (Rottemburg,1775)* (Lycaenidae) Provincial Distribution in Turkey:** 01 02 03 04 05 06 07 08 11 12 13 14 15 16 18 19 20 21 23 24 25 26 27 28 29 30 32 33 34 36 37 38 39 41 42 43 44 46 49 50 51 52 53 55 58 60 61 62 65 66 68 69 70 71 72 73 74 75 76 80
- 68. *Polyommatus (s.str. (Lysandra)) corydonius (Herrich-Schäffer,[1852])* (Lycaenidae) Provincial Distribution in Turkey:** 04 08 12 13 23 24 25 29 36 49 62 65 69 73 75 76
- 69. *Polyommatus (s.str. (Meleageria)) daphnis ([Denis & Schiffermüller],1775)* (Lycaenidae) Provincial Distribution in Turkey:** 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 20 21 23 24 25 26 29 30 31 32 33 34 35 36 38 39 40 42 43 44 46 48 49 50 51 53 58 60 62 65 66 68 69 70 71 73 74 76
- 70. *Polyommatus (s.str. (Neolysandra)) coelestinus (Eversmann,1843)* (Lycaenidae) Provincial Distribution in Turkey:** 01 04 05 06 07 08 12 13 23 24 25 28 29 30 36 38 42 44 49 52 58 62 65 69 70 73 76
- 71. *Polyommatus (s.str. (Plebicula)) amandus (Schneider,1792)* (Lycaenidae) Provincial Distribution in Turkey:** 01 02 03 04 05 06 07 08 10 13 14 16 17 18 19 21 23 24 25 27 28 29 30 31 32 33 34 36 38 42 44 46 47 48 49 50 51 52 53 56 58 60 62 65 66 69 70 71 72 73 74 76 80
- 72. *Polyommatus (s.str. (Sublysandra)) aedon (Christoph,1877)* (Lycaenidae) Provincial Distribution in Turkey:** 04 08 13 24 25 29 36 49 53 62 65 69 76
- 73. *Polyommatus (s.str. (Thersitesia)) thersites (Canterer,[1835])* (Lycaenidae) Provincial Distribution in Turkey:** 01 02 03 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30 31 32 33 34 35 36 38 39 40 42 43 44 46 48 49 50 51 52 54 58 59 60 62 64 65 66 68 69 70 71 74 75 76 81
- 74. *Polyommatus (s.str.) icarus (Rottemburg,1775)* (Lycaenidae) Provincial Distribution in Turkey:** 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 75 76 81
- 75. *Pseudophilotes vicrama (Moore,1865)* (Lycaenidae) Provincial Distribution in Turkey:** 01 03 04 05 06 07 08 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 42 43 44 45 46 47 48 49 50 51 56 58 60 62 63 64 65 66 67 68 69 70 71 72 73 74 76 80
- 76. *Quercusia quercus (Linnaeus,1758)* (Lycaenidae) Provincial Distribution in Turkey:** 01 03 05 06 07 08 09 10 11 12 14 16 17 18 21 22 23 25 28 29 30 32 33 34 38 39 42 43 44 45 46 49 52 58 60 62 64 65 66 71 74
- 77. *Satyrium (Nordmannia) abdominalis (Gerhard,[1850])* (Lycaenidae) Provincial Distribution in Turkey:** 02 05 06 07 08 12 13 17 18 19 21 23 24 25 27 29 30 31 32 33 35 36 38 42 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 70 71 72 73 76 80
- 78. *Satyrium (Nordmannia) armenum (Rebel,1901)* (Lycaenidae) Provincial Distribution in Turkey:** 04 08 13 24 25 30 36 49 62 65 69 76
- 79. *Satyrium (Nordmannia) zabni Oorschot & Brink,1991* (Lycaenidae) Provincial Distribution in Turkey:** 02 13 21 23 27 30 31 44 46 47 49 56 62 65 72 73
- 80. *Satyrium (Strymonidia) spini (Fabricius,1787)* (Lycaenidae) Provincial Distribution in Turkey:** 01 03 04 05 06 07 08 13 15 16 17 18 19 24 25 26 27 29 30 31 32 33 34 36 38 41 42 43 44 46 48 49 50 51 56 58 60 62 65 66 68 69 70 71 73 74 75 76 80
- 81. *Euproctis chrysorrhoea (Linnaeus,1758)* (Lymantriidae) Provincial Distribution in Turkey:** 04 05 06 08 12 13 14 16 19 24 25 36 38 42 46 49 50 58 60 65 66 71 75
- 82. *Leucoma salicis (Linnaeus,1758)* (Lymantriidae) Provincial Distribution in Turkey:** 05 06 07 08 10 12 13 14 16 19 22 24 25 30 36 42 46 49 53 58 60 61 62 63 65 66 75
- 83. *Lymantria dispar (Linnaeus,1758)* (Lymantriidae) Provincial Distribution in Turkey:** 06 07 10 11 12 17 19 23 25 30 33 36 46 49 50 62 65 71
- 84. *Paracnoria detrita (Esper,[1785])* (Lymantriidae) Provincial Distribution in Turkey:** 06 10 12 14 25 31 42 46 49 60
- 85. *Aedophera phlebotoma Lederer,1858* (Noctuidae) Provincial Distribution in Turkey:** 05 06 12 13 18 25 30 33 36 42 45 46 47 49 50 51 58 65 66 70 71 73
- 86. *Agrochola (Alpichola) janhillmanni Hacker & Moberg,1989* (Noctuidae) Provincial Distribution in Turkey:** 04 08 12 13 25 36 49 62 69 73 75
- 87. *Agrochola (Alpichola) lactiflora (Draudt,1934)* (Noctuidae) Provincial Distribution in Turkey:** 04 08 12 21 25 33 36 44 46 49 58 62 65 69 70 75
- 88. *Antitype chi (Linnaeus,1758)* (Noctuidae) Provincial Distribution in Turkey:** 06 12 36 42 46 49 66 70
- 89. *Apamea anceps ([Denis & Schiffermüller],1775)* (Noctuidae) Provincial Distribution in Turkey:** 01 04 06 18 20 25 32 33 38 42 46 49 50 51 58 60 65 66
- 90. *Apamea polyglypha (Staudinger,1892)* (Noctuidae) Provincial Distribution in Turkey:** 08 13 24 27 30 46 49 53 56 63 65 73
- 91. *Apamea syriaca (Osthelder,1933)* (Noctuidae) Provincial Distribution in Turkey:** 01 04 03 05 06 08 11 12 13 16 17 18 24 25 28 30 31 32 33 34 35 36 37 42 45 46 49 50 51 58 60 62 65 73 80
- 92. *Apaustis rupicola ([Denis & Schiffermüller],1775)* (Noctuidae) Provincial Distribution in Turkey:** 05 06 07 49 50 60 70
- 93. *Autophila (s.str.) asiatica (Staudinger,1888)* (Noctuidae) Provincial Distribution in Turkey:** 01 25 30 33 35 36 38 49 50 58 73
- 94. *Autophila (s.str.) banghaasi Boursin,1940* (Noctuidae) Provincial Distribution in Turkey:** 01 04 05 06 08 09 12 13 15 18 23 24 25 29 30 38 42 46 49 50 58 62 60 65 66 73 75
- 95. *Basistriga flammata ([Denis & Schiffermüller],1775)* (Noctuidae) Provincial Distribution in Turkey:** 01 04 06 07 21 24 25 28 30 32 33 36 38 39 43 44 45 46 47 49 50 51 53 58 60 61 63 65 66 70
- 96. *Calophasia lunula (Hufnagel,1766)* (Noctuidae) Provincial Distribution in Turkey:** 01 04 05 06 08 14 18 24 25 30 33 36 42 49 50 51 58 65
- 97. *Caradrina (Boursinidrina) syriaca (Staudinger,1892)* (Noctuidae) Provincial Distribution in Turkey:** 06 07 44 46 49 63 71
- 98. *Caradrina (Paradrina) poecila (Boursin,1939)* (Noctuidae) Provincial Distribution in Turkey:** 01 04 08 12 24 25 30 32 38 49 50 58 60 65 69 73
- 99. *Caradrina (Paradrina) wullschlegeli (Püngeler,1903)* (Noctuidae) Provincial Distribution in Turkey:** 06 07 08 12 13 14 18 24 25 30 35 37 42 43 49 50 51 58 60 62 65 66 80
- 100. *Caradrina (Platyperigea) terrea (Freyer,[1840])* (Noctuidae) Provincial Distribution in Turkey:** 03 04 06 08 12 13 18 23 25 30 36 42 49 50 51 65 66
- 101. *Chersotis (s.str.) fimbriola (Esper,[1798])* (Noctuidae) Provincial Distribution in Turkey:** 01 03 04 05 06 08 12 13 18 19 23 24 25 29 30 36 38 42 44 46 49 50 51 58 60 65 66 69 70 73 76
- 102. *Chersotis (s.str.) laeta (Rebel,1904)* (Noctuidae) Provincial Distribution in Turkey:** 01 03 04 05 06 08 14 18 24 25 28 29 30 32 33 36 42 44 46 49 50 51 58 60 65 66 69 70 71
- 103. *Chersotis (s.str.) rectangula (Fabricius,1787)* (Noctuidae) Provincial Distribution in Turkey:** 06 07 08 11 12 13 18 24 25 26 36 38 42 43 50 49 60 65 66 75
- 104. *Cleoceris scoriacea (Esper,[1789])* (Noctuidae) Provincial Distribution in Turkey:** 01 05 06 12 21 25 33 35 36 44 49 66 70

- 105. Cleonymia (Serryvania) opposita (Lederer,1870)** (Noctuidae) Provincial Distribution in Turkey: 01 05 06 18 24 25 32 33 42 44 46 49 50 51 56 58 60 62 63 65
- 106. Cryphia (Bryoleuca) raptricula ([Denis & Schiffermüller],1775)** (Noctuidae) Provincial Distribution in Turkey: 01 03 05 06 07 08 12 13 19 24 25 28 30 32 33 36 39 42 46 49 50 51 56 58 62 65 66 70 73
- 107. Cucullia (s.str.) ronkayi Hacker & Pinker,1987** (Noctuidae) Provincial Distribution in Turkey: 04 25 36 49 65
- 108. Dasypolia (s.str.) templi (Thunberg,1792)** (Noctuidae) Provincial Distribution in Turkey: 01 06 04 08 25 42 49 58 75
- 109. Dichagyris (Yigoga) forcipula ([Denis & Schiffermüller],1775)** (Noctuidae) Provincial Distribution in Turkey: 01 03 05 06 07 08 11 12 18 23 24 25 29 30 32 33 36 42 43 46 49 50 51 58 60 65 66 69
- 110. Dichagyris (Yigoga) lutescens (Eversmann,1844)** (Noctuidae) Provincial Distribution in Turkey: 06 23 44 49 58
- 111. Dichagyris (Yigoga) signifera ([Denis & Schiffermüller],1775)** (Noctuidae) Provincial Distribution in Turkey: 01 03 05 06 07 08 12 13 14 24 25 30 32 33 36 42 43 46 49 50 51 58 65 66 73
- 112. Dichagyris (s.str.) forficula (Eversmann,1851)** (Noctuidae) Provincial Distribution in Turkey: 01 03 04 07 08 12 13 18 24 25 29 28 30 33 36 38 42 49 50 51 58 60 65
- 113. Drasteria saisani (Staudinger,1882)** (Noctuidae) Provincial Distribution in Turkey: 01 04 06 08 12 25 30 33 36 42 44 47 49 50 51 58 65 66
- 114. Eicomorpha antiqua Staudinger,1888** (Noctuidae) Provincial Distribution in Turkey: 04 25 49
- 115. Episema amasina (Hampson,1906)** (Noctuidae) Provincial Distribution in Turkey: 05 06 18 42 25 36 44 47 49 50 58 60 65 69
- 116. Episema lederi Christoph,1885** (Noctuidae) Provincial Distribution in Turkey: 04 05 06 21 23 25 36 38 42 44 46 47 49 50 56 58 60 62 63 65
- 117. Episema tersa ([Denis & Schiffermüller],1775)** (Noctuidae) Provincial Distribution in Turkey: 06 14 18 42 46 49 50 51 58 62 65
- 118. Euchalcia (s.str.) augusta (Staudinger,1892)** (Noctuidae) Provincial Distribution in Turkey: 13 23 27 44 49 63
- 119. Euchalcia (s.str.) dorsiflava (Standfuss,1892)** (Noctuidae) Provincial Distribution in Turkey: 13 21 30 31 38 47 49 56 58 65 73
- 120. Euchalcia (s.str.) emichi (Rogenhofer,1873)** (Noctuidae) Provincial Distribution in Turkey: 01 08 13 18 19 25 30 31 36 38 42 46 49 50 51 58 62 65 66
- 121. Euchalcia (s.str.) viridis (Staudinger,1901)** (Noctuidae) Provincial Distribution in Turkey: 01 04 06 12 13 24 25 30 36 42 49 58 65 69 70 75
- 122. Eugnorisma (Metagnorisma) pontica (Staudinger,1892)** (Noctuidae) Provincial Distribution in Turkey: 05 06 08 12 13 14 18 23 25 30 33 42 49 50 62 65 66
- 123. Eugnorisma (s.str.) enargiaris (Draudt,1936)** (Noctuidae) Provincial Distribution in Turkey: 04 12 44 46 49 58
- 124. Eugnorisma (s.str.) kurdistan Hacker, Kuhna & Gross,1986** (Noctuidae) Provincial Distribution in Turkey: 12 13 30 49
- 125. Euxoa (s.str.) hastifera (Donzel,1847)** (Noctuidae) Provincial Distribution in Turkey: 01 04 12 13 25 42 49 62 65 70
- 126. Euxoa (s.str.) nigricans (Linnaeus,1761)** (Noctuidae) Provincial Distribution in Turkey: 03 05 06 08 12 13 14 18 25 31 36 42 49 50 51 58 65 71 75
- 127. Euxoa (s.str.) robiginosa (Staudinger,[1895])** (Noctuidae) Provincial Distribution in Turkey: 01 06 13 14 23 30 42 44 46 49 50 58 63
- 128. Hada plebeja (Linnaeus,1761)** (Noctuidae) Provincial Distribution in Turkey: 06 08 16 18 25 36 38 42 49 50 60 75
- 129. Hadena (Anepia) perplexa ([Denis & Schiffermüller],1775)** (Noctuidae) Provincial Distribution in Turkey: 01 04 05 06 07 11 13 14 16 18 20 24 25 29 30 32 33 35 36 42 46 47 48 49 50 51 58 60 63 65 75
- 130. Hadena (Maschukia) pumila (Staudinger,1879)** (Noctuidae) Provincial Distribution in Turkey: 01 03 05 06 08 13 18 23 24 25 30 32 33 36 38 42 44 46 47 49 50 51 58 60 62 65
- 131. Hadena (Pinkericola) tephroleuca (Boisduval,1833)** (Noctuidae) Provincial Distribution in Turkey: 04 06 13 18 20 24 25 28 30 32 33 36 38 42 46 48 49 50 51 58 60 65 66
- 132. Hadena (s.str.(Albimaculia)) cavalla Pinker,1980** (Noctuidae) Provincial Distribution in Turkey: 04 24 25 30 46 49 50 58 60 65 73
- 133. Hadena (s.str.(Anatoliden)) staudingeri (F.Wagner,1931)** (Noctuidae) Provincial Distribution in Turkey: 06 08 13 18 24 25 30 36 40 42 49 50 51 58 60 65 66
- 134. Hadena (s.str.(Clarhadena)) subhyrcana Hacker,1996** (Noctuidae) Provincial Distribution in Turkey: 13 30 24 25 49 58 65 73
- 135. Hadena (s.str.(Magnolihadena)) magnolii (Boisduval,1828)** (Noctuidae) Provincial Distribution in Turkey: 01 04 05 06 09 13 14 18 24 25 29 32 33 36 42 46 49 50 51 58 65 66
- 136. Hadena (s.str.(Miselia)) compta ([Denis & Schiffermüller],1775)** (Noctuidae) Provincial Distribution in Turkey: 03 04 05 06 08 13 16 18 24 25 29 30 32 36 42 46 49 50 51 58 60 62 63 65 66
- 137. Hadena (s.str.(Zeteolyga)) confusa (Hufnagel,1766)** (Noctuidae) Provincial Distribution in Turkey: 04 06 07 08 09 13 18 25 28 30 33 36 37 46 49 50 60 65 75
- 138. Hadula (Calocestra (Dianthus)) dianthi (Tauscher,1809)** (Noctuidae) Provincial Distribution in Turkey: 01 04 05 06 18 25 42 49 50 51 58 66 69
- 139. Hadula (Calocestra (Hadumendax)) mendax (Staudinger,1879)** (Noctuidae) Provincial Distribution in Turkey: 01 05 06 07 13 16 18 20 24 25 27 29 30 33 36 37 38 42 46 49 50 51 58 60 65 66 70
- 140. Hadula (Calocestra (Hadumendax)) mendica (Staudinger,[1895])** (Noctuidae) Provincial Distribution in Turkey: 01 02 07 13 23 24 30 32 33 36 42 46 47 49 51 58 60 63 65 73
- 141. Hadula (Calocestra (Hadutrifolium)) trifolii (Hufnagel,1766)** (Noctuidae) Provincial Distribution in Turkey: 04 05 06 07 08 10 13 16 17 18 23 25 31 32 36 39 37 39 42 45 46 49 50 51 53 57 58 60 62 63 65
- 142. Hecatera bicolorata (Hufnagel,1766)** (Noctuidae) Provincial Distribution in Turkey: 01 04 05 06 07 08 14 18 24 25 28 29 30 33 36 46 49 50 51 58 60 63 65 66 75
- 143. Hecatera rhodocharis (Brandt,1938)** (Noctuidae) Provincial Distribution in Turkey: 12 13 20 24 25 30 31 32 33 36 38 42 44 46 49 50 58 65
- 144. Heliophobus unicolor (Alpheraky,1889)** (Noctuidae) Provincial Distribution in Turkey: 06 07 08 14 18 24 25 28 33 36 38 42 46 49 50 51 58 60 65 75
- 145. Heterophysa dumetorum (Geyer,1834)** (Noctuidae) Provincial Distribution in Turkey: 01 04 06 08 13 24 25 30 36 42 46 49 51 53 58 60 62 65 66 69
- 146. Hoplodrina superstes (Ochsenheimer,1816)** (Noctuidae) Provincial Distribution in Turkey: 01 04 05 06 08 12 14 25 30 33 36 37 49 50 53 66 75
- 147. Hypena munitalis Mann,1861** (Noctuidae) Provincial Distribution in Turkey: 01 05 06 07 08 12 13 24 25 32 33 42 49 50 51 56 58 65 69
- 148. Lacanobia (s.str.) w-latinum (Hufnagel,1766)** (Noctuidae) Provincial Distribution in Turkey: 04 05 06 11 13 18 24 25 28 33 34 37 39 42 49 50 58 60 65
- 149. Lygephila craccae (Fabricius,1787)** (Noctuidae) Provincial Distribution in Turkey: 01 05 06 07 08 12 13 14 16 17 18 22 24 25 29 30 33 36 42 48 49 50 58 60 62 63 65 75
- 150. Lygephila lusoria (Linnaeus,1758)** (Noctuidae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 11 18 24 25 32 33 36 42 49 50 51 58 62 65 66 70
- 151. Margelana flavidior Wagner,1831** (Noctuidae) Provincial Distribution in Turkey: 12 25 36 38 42 49 50 58 60 64 65 70

- 152. Megalodes eximia (Freyer,1845)** (Noctuidae) Provincial Distribution in Turkey: 01 05 07 10 13 21 24 25 27 30 33 36 42 46 47 **49** 50 62 63 65 66
- 153. Metopodicha ernesti Draudt,1936** (Noctuidae) Provincial Distribution in Turkey: 12 30 44 46 **49** 58 62 73
- 154. Mythimna (Aletia) l-album (Linnaeus,1767)** (Noctuidae) Provincial Distribution in Turkey: 05 06 07 08 10 12 13 16 17 18 21 25 30 32 33 34 36 38 39 42 45 46 **49** 50 51 56 58 63 65 69 80
- 155. Mythimna (Hyphilare) ferrago (Fabricius,1787)** (Noctuidae) Provincial Distribution in Turkey: 01 04 06 08 09 12 13 24 28 33 36 39 42 45 46 **49** 50 58 61 62 65 66
- 156. Noctua (Lampra) fimbriata (Schreber,1759)** (Noctuidae) Provincial Distribution in Turkey: 03 05 06 07 08 12 13 14 16 18 25 29 30 39 42 43 46 **49** 51 59 60 62 65 73 80
- 157. Oligia turcia Rezbanyai-Reser,1997** (Noctuidae) Provincial Distribution in Turkey: 06 11 18 22 24 32 42 **49** 50 51 60 65 75
- 158. Omphalophana durnalayana Osthelder,1933** (Noctuidae) Provincial Distribution in Turkey: 04 12 25 30 36 46 **49** 62 73
- 159. Opigena huberi Hacker,1999** (Noctuidae) Provincial Distribution in Turkey: 04 25 30 42 **49** 60
- 160. Orthosia (Monima) dalmatica (Wagner,1909)** (Noctuidae) Provincial Distribution in Turkey: 07 09 11 15 16 17 31 33 44 **49** 50 58
- 161. Orthosia rubricosa (Esper,[1786])** (Noctuidae) Provincial Distribution in Turkey: 05 06 07 09 11 13 17 30 33 43 46 **49** 56 58 62 63 65 73
- 162. Parastichtis corticea (Esper,[1800])** (Noctuidae) Provincial Distribution in Turkey: 01 06 10 17 25 30 35 36 **49** 50 51 58 60 62 66 75
- 163. Plusia festucae (Linnaeus,1758)** (Noctuidae) Provincial Distribution in Turkey: 05 06 13 33 42 **49** 65
- 164. Polia sagittigera (Hufnagel,1766)** (Noctuidae) Provincial Distribution in Turkey: 01 03 06 13 16 18 25 33 42 46 **49** 50 51 60 61 65
- 165. Rhyacia (s.str.) lucipeta ([Denis & Schiffermüller],1775)** (Noctuidae) Provincial Distribution in Turkey: 06 08 25 36 38 46 **49** 50 53 58 60 64 65 66
- 166. Sideridis (Aneda) rivularis (Fabricius,1775)** (Noctuidae) Provincial Distribution in Turkey: 04 08 09 13 14 18 23 24 28 36 **49** 50 65 75
- 167. Sideridis (Luteohadena) luteago ([Denis & Schiffermüller],1775)** (Noctuidae) Provincial Distribution in Turkey: 04 05 06 07 08 11 13 18 21 24 25 29 30 33 36 42 **49** 50 58 60 61 65 73
- 168. Sideridis (s.str.) lampra (Schawerda,1913)** (Noctuidae) Provincial Distribution in Turkey: 04 12 13 25 30 **49** 75
- 169. Tholera decimalis (Poda,1761)** (Noctuidae) Provincial Distribution in Turkey: 06 12 13 14 21 25 **49** 65
- 170. Ulochlaena hirta (Hübner,[1813])** (Noctuidae) Provincial Distribution in Turkey: 04 05 06 07 13 32 30 36 38 46 **49** 58 62 65 70
- 171. Cerura (s.str.) vinula (Linnaeus,1758)** (Notodontidae) Provincial Distribution in Turkey: 03 06 07 12 13 15 16 24 25 30 31 32 33 34 35 36 42 43 45 46 **49** 58 60 62 64 65
- 172. Clostera pigra (Hufnagel,1766)** (Notodontidae) Provincial Distribution in Turkey: 04 06 08 12 14 24 30 31 36 42 44 46 **49** 58 60 62 65
- 173. Drymonia velitaris (Hufnagel,1766)** (Notodontidae) Provincial Distribution in Turkey: 12 13 16 25 29 30 36 37 46 **49** 53 55 60 61 65
- 174. Harpyia milhauseri (Fabricius,1775)** (Notodontidae) Provincial Distribution in Turkey: 05 06 07 10 12 13 14 24 30 33 37 42 46 **49** 53 56 60 62 64 65 66 71 73
- 175. Phalera bucephala (Linnaeus,1758)** (Notodontidae) Provincial Distribution in Turkey: 05 12 13 14 16 17 24 25 32 36 42 **49** 53 58 60 65
- 176. Pterostoma palpinum (Linnaeus,1761)** (Notodontidae) Provincial Distribution in Turkey: 06 12 13 16 19 24 25 30 32 36 37 42 46 **49** 50 60 65
- 177. Rhegmatophila alpina (Bellier,1881)** (Notodontidae) Provincial Distribution in Turkey: 06 12 17 24 37 46 **49** 58 60 77
- 178. Spatalia argentina ([Denis & Schiffermüller],1775)** (Notodontidae) Provincial Distribution in Turkey: 05 06 07 08 10 12 13 14 16 17 20 24 30 31 32 33 35 42 46 **49** 56 61 62 64 65 66 71 73 80
- 179. Stauropus fagi (Linnaeus,1758)** (Notodontidae) Provincial Distribution in Turkey: 08 12 13 14 25 34 37 **49** 53 65
- 180. Archon apollinaris (Staudinger,[1892])** (Papilionidae) Provincial Distribution in Turkey: 21 23 30 47 **49** 56 62 65 73
- 181. Iphiclides podalirius (Linnaeus,1758)** (Papilionidae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 48 **49** 50 51 52 54 56 58 59 60 62 64 65 66 67 68 69 70 71 73 75 76 77 78 81
- 182. Parnassius (Driopa) mnemosyne (Linnaeus,1758)** (Papilionidae) Provincial Distribution in Turkey: 01 03 05 06 07 08 12 13 14 16 18 24 25 27 29 30 31 32 33 35 36 37 39 42 46 48 **49** 51 52 53 58 60 61 62 65 66 67 69 73 74 76 80
- 183. Zerynthia (Allanacstria) deyrollei (Oberthür,1869)** (Papilionidae) Provincial Distribution in Turkey: 01 02 03 05 06 07 12 13 14 15 18 19 21 23 24 25 26 27 28 29 30 31 32 33 37 38 42 43 44 46 47 **49** 50 51 56 58 60 62 63 64 65 66 68 70 71 73 80
- 184. Aporia (s.str.) crataegi (Linnaeus,1758)** (Pieridae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 **49** 50 51 53 54 55 56 58 60 61 62 63 65 66 69 70 71 72 73 74 76 78 80 81
- 185. Colias (Eriocolias) crocea (Fourcroy,1785)** (Pieridae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 **49** 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 68 69 70 71 72 73 74 75 76 77 78 79 80 81
- 186. Colias (Neocolias) aurorina Herrich-Schäffer,[1850]** (Pieridae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 13 14 19 21 23 24 25 29 30 32 33 36 37 38 42 46 48 **49** 50 51 53 58 60 61 62 65 66 69 70 75 76 80
- 187. Colias (s.str.) sareptensis Staudinger,1881** (Pieridae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 09 11 13 14 15 16 18 19 20 24 25 26 29 32 33 34 35 36 37 38 41 42 43 44 46 48 **49** 50 51 52 53 58 60 61 62 65 66 67 69 70 71 73 74 76 78 80
- 188. Gonepteryx (s.str.) rhamnii (Linnaeus,1758)** (Pieridae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 10 11 13 14 15 16 17 18 19 24 25 26 30 31 32 33 34 35 36 38 39 42 43 44 46 47 48 **49** 50 51 52 55 60 62 65 66 67 69 71 73 75 76 81
- 189. Leptidea duponcheli (Staudinger,1871)** (Pieridae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30 31 32 33 34 35 36 37 38 40 41 42 43 44 45 46 48 **49** 50 51 53 56 58 59 60 62 64 65 66 67 69 70 71 73 74 76 78
- 190. Leptidea sinapis (Linnaeus,1758)** (Pieridae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 45 46 48 **49** 50 52 53 54 55 58 60 61 62 65 66 67 69 70 74 76 77 78 79 75 76 80 81
- 191. Pieris (Artogeia) ergane (Geyer,[1828])** (Pieridae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 12 13 14 15 16 18 21 23 24 25 26 28 29 30 31 32 33 36 38 42 43 44 46 47 **49** 50 51 52 56 58 60 62 63 65 66 69 71 73 74 76
- 192. Pieris (Artogeia) manni (Mayer,1851)** (Pieridae) Provincial Distribution in Turkey: 01 02 03 06 07 08 10 11 14 17 18 21 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 45 46 47 48 **49** 50 51 53 61 62 65 67 69 74 76 78 80
- 193. Pieris (Artogeia) pseudorapae Verity,1908** (Pieridae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 10 11 12 13 14 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 **49** 50 51 52 53 54 56 58 59 60 61 62 63 65 66 67 68 71 73 74 75 76 77 78 80 81
- 194. Pieris (Artogeia) rapae (Linnaeus,1758)** (Pieridae) Provincial Distribution in Turkey: 01 02 03 04 05 06 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 24 25 26 28 29 30 31 32 33 34 36 37 38 39 40 41 42 43 44 45 46 47 48 **49** 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 73 74 76 77 78 79 80
- 195. Pieris (s.str.) brassicae (Linnaeus,1758)** (Pieridae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 48 **49** 50 51 52 53 54 55 56 58 60 61 63 65 66 70 71 73 74 75 76 77 80 81
- 196. Pontia edusa (Fabricius,1777)** (Pieridae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 40 41 42 43 44 46 47 48 **49** 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 67 68 69 70 71 73 74 76 77 79 80 81
- 197. Ephelis cruentalis (Geyer,[1832])** (Pyralidae) Provincial Distribution in Turkey: 01 05 06 12 13 16 25 30 31 33 34 35 36 38 39 44 46 **49** 56 58 63 65 76

- 198. Chazara (s.str.) bischoffi (Herrich-Schäffer,[1846])** (Satyridae) Provincial Distribution in Turkey: 01 04 06 07 08 13 21 23 24 25 29 30 36 38 40 42 44 46 49 50 51 53 58 60 62 65 66 68 69 76
- 199. Chazara (s.str.) briseis (Linnaeus,1764)** (Satyridae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 55 56 58 60 62 63 64 65 66 68 69 70 71 73 74 76 80
- 200. Coenonympha (s.str.) pamphilus (Linnaeus,1758)** (Satyridae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 09 10 11 12 13 14 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 73 74 75 76 77 81
- 201. Esperarge (s.str.) clymene (Fabricius,1787)** (Satyridae) Provincial Distribution in Turkey: 04 05 06 07 08 12 13 16 19 23 24 25 29 30 36 38 40 42 44 46 49 56 58 60 62 65 66 69 71 73 75 76
- 202. Hyponephele (s.str.) lupina (Costa,[1836])** (Satyridae) Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 55 56 58 60 62 63 64 65 66 67 69 70 71 72 73 76 80
- 203. Hyponephele (s.str.) lycaon (Rottemburg,1775)** (Satyridae) Provincial Distribution in Turkey: 01 02 03 04 07 08 09 11 12 13 14 15 16 20 21 23 24 25 26 27 29 30 32 33 35 36 38 42 43 44 46 47 48 49 50 51 56 60 62 63 65 70 73 75 76
- 204. Kirinia (Melike) roxelana (Cramer,[1777])** (Satyridae) Provincial Distribution in Turkey: 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 19 20 21 22 23 25 26 27 29 30 31 32 33 34 35 38 39 42 43 44 45 46 47 48 49 51 55 56 59 60 62 65 66 71 72 73
- 205. Lasiommata megera (Linnaeus,1767)** (Satyridae) Provincial Distribution in Turkey: 01 02 05 06 07 08 09 10 11 12 13 14 15 16 17 20 21 22 23 24 25 26 27 29 30 31 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 55 56 57 58 59 60 62 63 65 66 67 70 71 72 73 74 76 77 80
- 206. Maniola (s.str.) jurtina (Linnaeus,1758)** (Satyridae) Provincial Distribution in Turkey: 01 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 74 75 76 77 80 81
- 207. Melanargia (Turcargia) syriaca (Oberthür,1894)** (Satyridae) Provincial Distribution in Turkey: 01 12 13 21 23 24 25 30 31 46 49 62 65 73 80
- 208. Pseudochazara (Achazara) anthelea (Hübner,[1824])** (Satyridae) Provincial Distribution in Turkey: 01 02 03 05 06 07 08 10 11 12 13 14 15 16 18 19 20 21 23 24 25 26 29 31 32 33 35 36 37 38 40 42 43 44 45 46 48 49 50 51 55 56 58 60 62 63 64 65 66 68 69 70 71 72
- 209. Pseudochazara (s.str.) pelopea (Klug,1832)** (Satyridae) Provincial Distribution in Turkey: 01 02 04 12 13 21 23 25 27 29 30 36 38 44 46 47 49 53 56 58 62 63 65 72 73 76
- 210. Satyrus (s.str.(s.str.)) favonius Staudinger,[1892]** (Satyridae) Provincial Distribution in Turkey: 01 04 07 08 12 13 24 25 27 31 33 36 42 44 46 49 51 53 58 62 63 65 76
- 211. Bembecia (Pseudosphecia) stiziformis (Herrich-Schäffer,1851)** (Sesiidae) Provincial Distribution in Turkey: 01 04 05 12 13 30 36 47 49 50 65
- 212. Deilephila suellus Staudinger,1878** (Sphingidae) Provincial Distribution in Turkey: 01 04 05 06 07 12 19 25 30 32 42 49 50 58 60 65 66 71
- 213. Marumba quercus ([Denis & Schiffermüller],1775)** (Sphingidae) Provincial Distribution in Turkey: 01 05 06 07 10 12 19 21 30 42 46 47 49 56 62 65 73
- 214. Cydia orobana (Treitschke,1830)** (Tortricidae) Provincial Distribution in Turkey: 05 06 16 35 49
- 215. Jordanita (s.str.) graeca (Jordan,1907)** (Zygaenidae) Provincial Distribution in Turkey: 06 13 24 30 33 42 47 49 50 62 65
- 216. Zygaena (Agrumenia) olivieri Boisduval,1828** (Zygaenidae) Provincial Distribution in Turkey: 04 05 06 08 11 13 19 23 25 29 30 36 38 44 49 50 58 60 62 65 66 73 76
- 217. Zygaena (Mesembrynus) brizae (Esper,1800)** (Zygaenidae) Provincial Distribution in Turkey: 05 08 25 29 36 49 53 58 60 61 65 66
- 218. Zygaena (Mesembrynus) cuvieri Boisduval,1828** (Zygaenidae) Provincial Distribution in Turkey: 04 13 29 30 36 44 49 65 66 69 73 76
- 219. Zygaena (Mesembrynus) punctum Ochsenheimer,1808** (Zygaenidae) Provincial Distribution in Turkey: 04 05 06 12 13 17 23 33 35 42 44 45 49 51 57 58 60 66 70 76
- 220. Zygaena (s.str.) dorycnii Ochsenheimer,1808** (Zygaenidae) Provincial Distribution in Turkey: 04 06 08 11 13 14 24 25 28 29 33 36 38 42 43 49 53 57 61 62 69 75 76
- 221. Zygaena (s.str.) filipendulae (Linnaeus,1758)** (Zygaenidae) Provincial Distribution in Turkey: 01 05 06 08 10 11 13 14 16 18 22 24 25 28 29 30 31 34 36 37 42 43 44 49 50 53 58 60 61 62 65 66 69 70 75 76
- 222. Zygaena (Agrumenia) loti ([Denis & Schiffermüller],1775)** (Zygaenidae) Provincial Distribution in Turkey: 04 05 06 08 13 14 18 22 23 25 26 28 29 30 31 36 37 38 42 44 49 53 58 60 62 65 69 71 75 76
- 223. Zygaena (s.str.) osterodensis H.Reiss,1921** (Zygaenidae) Provincial Distribution in Turkey: 13 36 49 53
- 224. Zygaena (s.str.) viciae ([Denis & Schiffermüller],1775)** (Zygaenidae) Provincial Distribution in Turkey: 05 06 08 13 18 24 25 28 31 33 38 42 46 49 58 60 71 76

Description of *Choreutis muhabbet* sp.n. (*Choreutidae*, *Lepidoptera*)

Ahmet Ömer Koçak

Abstract: Description of *Choreutis muhabbet* sp.n. (*Choreutidae*, *Lepidoptera*). *Cent. ent. Stud., Misc. Pap.* 142: 6-7. This paper deals with the description of a new species, *Choreutis muhabbet* sp.n. from Turkey recorded in 2008. Ecological information such as flight period, habitat of the new species, as well as etymology and vernacular name in Turkish are explained. Totally 5 genera and 10 species are reported of the family *Choreutidae* from Turkey.
Key Words: *Lepidoptera*, *Choreutidae*, *Choreutis muhabbet*, taxonomy, new species, fauna, Turkey.

Hitherto known 5 *Choreutidae* genera, and their 9 species in Turkey are as follows: *Anthophila* (1), *Choreutis* (2), *Millieria* (1), *Prochoreutis* (3), and *Tebenna* (2). Additionally, the third species of the genus *Choreutis* is described below with the scientific name *Choreutis muhabbet* sp.n.:

Holotype B. Forewing: 6,5mm. Upperside of head, thorax, and forewing yellowish brown. Abdominal segments covered dorsally with yellowish brown scales anteriorly, blackish scales posteriorly. Segments bordered by yellowish scales. Legs whitish with black rings. Antennal segments with whitish and black coloured in a series.

Upperside of wings: Forewing: Costal edge covered with white scales sparsely at basal portion, its median and outer parts black. Base of wing with white well defined elongated marking in middle. Basal band broad, white, and almost straight, finely bordered with black scales. Discal marking white, curved outwards as crescent. White postdiscal line forms a special M letter at dorsum, its thickness variable, irregularly bordered with black scales, wedge shaped at costa; its outer parts suffused with sparse white scales. Ante-marginal yellowish brown area well developed. Ciliae blackish with larger whitish patch in middle and smaller above anal area. - Hindwing: Dark brown. Discal whitish spot triangular. Antemarginal yellowish brown band narrow but distinct. Margin blackish. Ciliae uniformly blackish in colour. - Underside of wings: Markings and colourations as those of upperside but faint. - **Paratypes BA:** Forewing: 6,5-7,5mm. Colouration and markings as in holotype.

Type material (Holotype B & Paratypes (35BA): Turkey Van Province Çatak valley 1800m, 6BA, 21.6.2008, 24BA 12. 7. 2008, 5BA 16. 7. 2008 (in coll. Cesa)

Flight Period: The moth is diurnal from June to July apparently in one generation. **Habitat:** Rocky slopes with *Ficus carica* bushes.

This new species is not close to any other known palaeartic choreutid species (Diakonoff,1986). In the collection of the Cesa, there is another specimen from North Thailand collected by Muhabbet Kemal in 2006 belongs to a very close, probably undescribed orientalic species, resembling to *Choreutes muhabbet* to some degree. On this subject a separate article will be published later.

Etymology: The specific name is dedicated to Dr. Muhabbet Kemal, discovering this new species in Van Province in 2008. It is also remarkable that the upperside of the forewing of this species possesses apparently the letters M and K, respectively.

Vernacular name in Turkish: Şehnaz Muhabbet.

Note: A Paratype in nature of this species, photographed by Dr. Muhabbet Kemal, is published in the Nr. 30 of the Cesa News on line [see <http://www.cesa-tr.org/Cesanews.htm>].

Literature:

Diakonoff,A., 1986, Glyphipterigidae auctorum sensu lato, [in] Amsel,H.G. et al., Microlepidoptera Palaeartica vol.7, G.Braun Druckerei, Karlsruhe.

Scientific Notes:

A Nomenclatural Note on the Preoccupied Geometrid Species in Far Eastern Russia (*Lepidoptera*)

by Ahmet Ömer Koçak

In the recently published on line article of the serial of the Cesa¹, a replacement name of a geometrid species was given. As this publication was planned and presented on line, the proposed name remains unavailable, until its publication in an printed article. For that reason, the proposed name is given below in order to make it nomenclaturally available:

Alsophila beljaevi (nom. nov.) in the *Geometridae* for *Alsophila murinaria* Beljaev,1996 (Chtheniya Pamyati Alekseya Ivanovicha Kurentsova 6: 57, figs. 8, 9. Holotype B: Russia: Vladivostok, Sad-Gorod [ZRAS]) nec *Phalaena murinaria* Borkhausen,1794 (synonym of *Alsophila aescularia* [Denis & Schiffermüller],1775), as it is junior secondary homonym.²

Nomenclatural Notes on the Recently Proposed Replacement Names in the order *Orthoptera*

by Ahmet Ömer Koçak

Among the recently published 17 preoccupied Orthopteran generic names, the two names, *Cocconotus* (*Trachymetopon*) Beier,1960, and *Nesocnemis* Beier,1954 were replaced as *Cocconotus* (*Hondurasia*) Koçak & Kemal,2008 and *Jamaica* Koçak & Kemal,2008, respectively, due to the homonymy, in the previous issue (Nr.141) of this journal on 5th May. Later, for the preoccupied names mentioned above, two replacement names *Trachymetopion* and *Nesokatoikos* respectively, by the authors Braun and Maehr on 3 June 2008. The necessary nomenclatural evaluations are made below: (1) The names proposed by Koçak & Kemal [5 May] have clearly priority over the names proposed by Braun & Maehr,2008 [3 June]. (2) The names *Cocconotus* (*Hondurasia*) and *Jamaica* published in a serial of the Cesa, Miscellaneous Papers³, printed on paper since 1989 (not on line). Moreover, after its publication, it is distributed within Turkey and abroad to its subscribers by post. Unfortunately, some post, sent to abroad from Turkey, were apparently lost. However, the publication was announced with its complete bibliography and its abstract on 11st May 2008 in the on line number 13 of the Cesa News (page 3)⁴ and sent to its subscribers within the same date. Besides, the pdf file of the issue 141 of the Miscellaneous Papers was sent by e-mail on 12nd May 2008 to the officers of the Zoological Record for their necessary evaluations. As a result of this, the replacement names proposed by Koçak & Kemal were recorded by the Zoological Records [volume 144], and announced also on line through Index to Organism Names (ION) of Thomson

¹ Koçak,A.Ö. & M.Kemal, 2008, Reports on the temporary results of the Lepidopteran lists of the Asian Continent based upon the Info-System of the Cesa –I. Russia. *Cent. ent. Stud., Priamus Suppl.* 14: 1-466. <http://www.members.tripod.com/entcesa/Pri14.pdf>

² See also <http://www.cesa-tr.org/Pri.htm>

³ <http://scientific.thomsonreuters.com/support/products/zr/zr-serials/c/>

<http://scientific.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&Word=Centre>

⁴ freely accessible: http://www.members.tripod.com/a_kocak0/Cesa13.pdf

Reuters (much before 20 August,2008). The names proposed by Braun & Maehr were not recorded until 20 August 2008, neither by Zoological Records, nor announced on line by Index to Organism Names (ION) of Thomson Reuters (see URL addresses). Taking the date of the publications mentioned originally, and the subsequent distributions and international on line announcement of the journals with their contents into consideration, I propose the necessary synonymy as follows;

Cocconotus (Hondurasia) Koçak & Kemal,2008 [5 May]

= *Trachymetopion* Braun & Maehr,2008 [3 June] (**syn.nov.**)

Jamaica Koçak & Kemal,2008 [5 May]

= *Nesokatoikos* Braun & Maehr,2008 [3 June] (**syn.nov.**)

Literature:

Braun,H. & M.D.Maehr, 2008 [3 June], Nomenclatorial changes for some Pseudophyllinae (Orthoptera, Tettigoniidae). *Zootaxa* 1781: 67-68.

Koçak,A.Ö. & M.Kemal,2008 [5 May], Replacement names among the genus and family group taxa in Orthoptera. *Cent. ent. Stud., Misc. Pap.* 141: 1-5.

Thomson Reuters, Index to Organism Names (ION) [stand 20 August 2008]:

<http://www.organismnames.com/advancedquery.htm?q=Jamaica&searchType=complete&so=a0&Submit.x=22&Submit.y=4>

<http://www.organismnames.com/advancedquery.htm?q=Hondurasia&searchType=partial&so=a0&pp=10&Submit.x=22&Submit.y=8>

<http://www.organismnames.com/advancedquery.htm?q=Nesokatoikos&searchType=partial&so=a0&pp=10&Submit.x=22&Submit.y=7>

<http://www.organismnames.com/advancedquery.htm?q=Trachymetopion&searchType=partial&so=a0&pp=10&Submit.x=11&Submit.y=5>

Contents: Koçak,A.Ö. & M.Kemal, Synonymical and distributional list of the species of Muş Province (East Turkey) (*Lepidoptera*) p.1– Koçak,A.Ö., Description of *Choreutis muhabbet* sp.n. (*Choreutidae, Lepidoptera*), p. 6 - Koçak,A.Ö., A Nomenclatorial Note on the Preoccupied Geometrid Species in Far Eastern Russia, p. 6- Koçak,A.Ö., Nomenclatorial Notes on the Recently Proposed Replacement Names in the order *Orthoptera*, p.7 - Editorial p.8.

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⁵ <http://www.cesa-tr.org/Pri.htm> - pdf available after corresponding

⁶ <http://www.cesa-tr.org/Miscell.htm> - pdf available after corresponding

⁷ <http://www.cesa-tr.org/Memoirs.htm> -

⁸ <http://www.cesa-tr.org/CDF.htm>

⁹ <http://www.cesa-tr.org/Icon.htm>

¹⁰ http://www.metafro.be/Members/Cesa/internet_sayfas305/base_view - pdf available

¹¹ <http://www.cesa-tr.org/Cesanews.htm>

¹² <http://www.cesa-tr.org/Cesabooks.htm>