

## The Noctuid Material of a Mongolian light-trap

by

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In 1986 a light trap was operated in Mongolia by the "Herman Ottó" Museum, Miskolc, Hungary. The trap was placed in Chentei aimak (= Chentei county), SE from the capital Ulanbaator, at Belgerhaan Obo, about 90km N of the town Öndörhaan. Electricity for the 125 Watts mercury vapour lamp was supplied by one of the generators of the geologist camp. Operator was Mr. ENDRE DIENES. The neighbourhood of the trap was a typical steppe. The trap worked on between May 5th, and September 25th, but only occasionally. The largest part of the collected material has been confiscated, destroyed and irretrievably lost. Finally, the museum received the material of about 15 nights. In a few cases the material of the individual nights was mixed, consequently days are not published in these cases.

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### Noctuidae

1. *Euxoa islandica rossica* (STAUDINGER, 1881)  
20.VII.: 1 ♀; 25.VIII.: 1 ♀; ?.VIII.: 1 ♂, 1 ♀.
2. *Euxoa cursoria currens* (STAUDINGER, 1897)  
?.VIII.: 3 ♂♂, 4 ♀♀.
3. *Euxoa varia* (ALPHERAKY, 1889)  
29.VII.: 1 ♂, ?.VII.: 1 ♀. A very variable, continental steppe species, widely distributed and locally common in Mongolia.
4. *Agrotis trifurcula* STAUDINGER, 1892  
?.VIII.: 1 ♂. Distributed and locally common on the steppes.
5. *Agrotis spec.?*  
25.VII.: 1 ♂; ?.VIII.: 1 ♂. Similar to the previous species, but smaller and brownish, with differences in the genitalia. Maybe a distinct new species.
6. *Agrotis clavis amurensis* STAUDINGER, 1892  
13.VI.: 1 ♀; 15.-21.VII.: 4 ♂♂; 29.VII.: 1 ♂, 2 ♀♀; 2.VII.: 1 ♂.
7. *Agrotis ipsilon* (HUFNAGEL, 1766)  
25.IX.: 1 ♀. New for the fauna of Mongolia!
8. *Ochropleura musiva sheljuzhkoii* VARGA, 1973  
29.VII.: 1 ♀; 2.VIII.: 1 ♂; ?.VIII.: 1 ♀. This subspecies of the xeromontan steppe species

is distributed (and locally common) mainly in the central and eastern parts of Mongolia.

9. *Protexarnis balanitidis confinis* (STAUDINGER, 1881)  
2.VIII.: 1 ♀.
10. *Chersotis deplana* (FREYER, 1831)  
2.VIII.: 1 ♀. A wooded-steppe species occurring mostly in the central, southwestern and eastern parts of the country.
11. *Chersotis transiens* (STAUDINGER, 1897)  
13.VI.: 1 ♀; 15.-21.VII.: 1 ♂, 1 ♀; 29.VII.: 3 ♂♂, 1 ♀; 2.VIII.: 2 ♂♂, 2 ♀♀. A steppe species.
12. *Hermonassa difficilis* (ERSHOV, 1887)  
?.VIII.: 11 ♂♂, 25 ♀♀; 2.IX.: 1 ♂, 1 ♀. A south-siberian steppe species, widely distributed in the northern, central and eastern parts of Mongolia, but local and rare in the South and Southwest.
13. *Hermonassa ononensis* (BREMER, 1864)  
20.VII.: 1 ♀.
14. *Eurois occulta* (LINNAEUS, 1758)  
29.VII.: 1 ♂; ?.VIII.: 1 ♂, 1 ♀.

#### Hadeninae

15. *Saragossa incerta* (STAUDINGER, 1897)  
13.VI.: 1 ♂; 15.-21.VII.: 3 ♂♂; ?.VII.: 4 ♂♂. The typical steppe species widely distributed, but local and infrequent.
16. *Discestra furca* (EVERSMANN, 1852)  
5.V.: 1 ♀; 21.V.: 6 ♂♂, 7 ♀♀; 25.V.: 2 ♂♂, 1 ♀; 13.VI.: 5 ♂♂; 15.-21.VII.: 8 ♂♂, 7 ♀♀; 29.VII.: 1 ♂, 3 ♀♀; ?.VII.: 1 ♂, 5 ♀♀. A frequent species in the central, northern and north-eastern parts of Mongolia, very sporadic and rare in the southwestern parts and missing from the Gobi desert.
17. *Discestra schawyra* (BANG-HAAS, 1927)  
15.-21.VII.: 1 ♂, 1 ♀. A typical steppe species, occurring very locally; infrequent. It can be found only in South Siberia and Mongolia.
18. *Polia bombycina advenina* (BRYK, 1949)  
15.-21.VII.: 2 ♂♂; 29.VII.: 1 ♂, 1 ♀, ?.VII.: 1 ♂; 2.VIII.: 2 ♀♀.
19. *Polia altaica monotona* (BANG-HAAS, 1928)  
?.VII.: 1 ♀.
20. *Pachetra sagittigera bombycina* (EVERSMANN, 1847)  
21.V.: 3 ♂♂; 25.V.: 9 ♂♂, 1 ♀; 13.VI.: 4 ♂♂, 1 ♀; 15.-21.VII.: 4 ♂♂, 2 ♀♀; ?.VII.: 2 ♂♂.
21. *Sideridis simplex* (STAUDINGER, 1889)  
25.V.: 1 ♂, 1 ♀; 13.VI.: 1 ♂; 15.-21.VII.: 4 ♂♂, 2 ♀♀; ?.VII.: 2 ♂♂. A centralasian steppe species, occurring mainly on the steppes in the mountainous districts.
22. *Sideridis egena* (LEDERER, 1853)  
29.VII.: 1 ♂.
23. *Conisania arida* (LEDERER, 1855)  
13.VI.: 2 ♂♂; 15.-21.VII.: 6 ♂♂, 1 ♀; ?.VII.: 2 ♂♂, 1 ♀. A southsiberian and mongolian steppe species.
24. *Heliophobus texturata* (ALPHERAKY, 1892)  
?.VII.: 1 ♂, 2 ♀♀. A mountain steppe species.

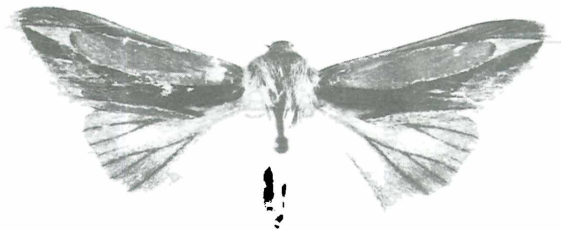


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1. *Saragossa incerta* (STAUDINGER, 1897)
2. *Perigrapha circumducta* (LEDERER, 1855)
3. *Cucullia biradiata* KOZHANTSCHIKOW, 1925



2



3

25. *Heliophobus reticulata unicolor* (ALPHERAKY, 1889)  
13.VI.: 2 ♂♂, 1 ♀; 15.-21.VII.: 6 ♂♂, 3 ♀♀; 29.VII.: 1 ♂, 1 ♀; ?.VII.: 4 ♂♂, 6 ♀♀.
26. *Mamestra thalassina* (HUFNAGEL, 1766)  
?.VII.: 1 ♀.
27. *Hadena corrupta* (HERZ, 1898)  
13.VI.: 1 ♂; ?.VII.: 1 ♀. A widely distributed but local and infrequent species in Mongolia.
28. *Hadena dealbata* (STAUDINGER, 1892)  
15.-21.VII.: 1 ♀.
29. *Hyssia cavernosa kaszabi* KOVACS, 1968  
6.V.: 1 ♂; 21.V.: 5 ♂♂; 13.VI.: 50 ♂♂, 11 ♀♀; 15.-21.VII.: 72 ♂♂, 28 ♀♀; 29.VII.: 11 ♂♂; ?.VII.: 45 ♂♂, 15 ♀♀.
30. *Orthosia gracilis* ([DENIS & SCHIFFERMÜLLER], 1775)  
6.V.: 1 ♂; 22.V.: 1 ♀.
31. *Perigrapha circumducta* (LEDERER, 1855)  
5.V.: 1 ♀; 14.V.: 1 ♂; 22.V.: 1 ♀. a hardly known steppe species. New to the fauna of Mongolia!
32. *Mythimna conigera* ([DENIS & SCHIFFERMÜLLER], 1775)  
15.-21.VII.: 1 ♀; 29.VII.: 2 ♀♀; 2.VIII.: 3 ♂♂, 6 ♀♀; ?.VIII.: 1 ♀.
33. *Mythimna velutina* (EVERSMANN, 1846)  
15.-21.VII.: 1 ♂; ?.VII.: 1 ♂. A siberian species.
34. *Mythimna opaca* STAUDINGER, 1900  
21.V.: 3 ♀♀; 13.VI.: 2 ♀♀; 15.-21.VII.: 1 ♂, 5 ♀♀; ?.VII.: 6 ♀♀; 29.VII.: 3 ♀♀. A local East-Turkestanian-Mongolian steppe species.
35. *Mythimna albiradiosa* (EVERSMANN, 1852)  
13.VI.: 2 ♂♂; 15.-21.VII.: 2 ♂♂, 1 ♀.
36. *Leucania comma* (LINNAEUS, 1761)  
13.VI.: 2 ♂♂; ?.VI.: 1 ♂; 15.-21.VII.: 1 ♀.

#### Cuculliinae

37. *Cucullia biradiata* KOZHANTSCHIKOV, 1925  
13.VI.: 2 ♂♂, 2 ♀♀; 15.-21.VII.: 2 ♂♂; ?.VII.: 2 ♀♀. A very local, typical species of the South Siberian and Mongolian steppes. Only few localities are known in Mongolia, mainly in the central and eastern parts of the country.
38. *Cucullia distinguenda* STAUDINGER, 1892  
?.VII.: 1 ♀. An eastpalaeartic steppe species.
39. *Calophasia lunula* (HUFNAGEL, 1766)  
?.VIII.: 1 ♀.
40. *Oncocnemis campicola* LEDERER, 1853  
?.VIII.: 2 ♀♀. Distributed in the northern, central and eastern parts of Mongolia, locally frequent.

#### Apatelinae

41. *Simyra nervosa expressa* BANG-HAAS, 1912  
21.V.: 1 ♂.

### Melicleptriinae

42. *Chloridea ononis* ([DENIS & SCHIFFERMÜLLER], 1775)  
13.VI.: 2 ♂♂; 15.-21.VII.: 17 ♂♂, 29 ♀♀; 29.VII.: 2 ♂♂, 4 ♀♀; ?.VII.: 21 ♂♂, 15 ♀♀. A widely distributed and common species of the Mongolian steppes.

### Amphipyriinae

43. *Apamea lateritia* (HUFNAGEL, 1766)  
15.-21.VII.: 1 ♂, 2 ♀♀; 29.VII.: 4 ♂♂, 4 ♀♀; 2.VIII.: 2 ♂♂, 2 ♀♀; ?.VIII.: 1 ♂, 2 ♀♀.
44. *Apamea leucodon* (EVERSMANN, 1837)  
13.VI.: 1 ♂; 29.VII.: 1 ♂; ?.VII.: 4 ♂♂, 1 ♀. Known from Asia Minor and SE Russia and widely distributed in Central Asia.
45. *Apamea oblonga* (HAWORTH, 1809)  
?.VII.: 1 ♀.
46. *Apamea furva* ([DENIS & SCHIFFERMÜLLER], 1775)  
20.VII.: 1 ♂; 29.VII.: 1 ♂; 2.VIII.: 1 ♂, 1 ♀; ?.VIII.: 1 ♀. A widely distributed species in Mongolia, with different geographical forms. The subspecific arrangement of this species in Mongolia needs further investigations.
47. *Mesapamea hedeni* (GRAESER, 1888)  
15.-21.VII.: 2 ♂♂. A widely distributed and frequent species in Mongolia.
48. *Eremobia deccerti* HAMPSON, 1908  
?.VIII.: 1 ♀; 25.VIII.: 1 ♂. An Eastpalaearctic steppe species.
49. *Amphipoea fucosa* (FREYER, 1830)  
?.VIII.: 1 ♂.
50. *Sidemia decipiens* (ALPHERAKY, 1895)  
?.VIII.: 1 ♀. Local in Mongolia, occurring only in the central and eastern parts of the country. Can be found also in South Siberia.
51. *Staurophora celsia* (LINNAEUS, 1758)  
25.VIII.: 3 ♂♂, 9 ♀♀; ?.VIII.: 4 ♂♂, 1 ♀; 2.IX.: 6 ♂♂.
52. *Caradrina cinerascens apatetica* PÜNGELER, 1914  
?.VIII.: 1 ♂.
53. *Caradrina albina* (EVERSMANN, 1848)  
?.VIII.: 1 ♀.
54. *Athetis pallustris* (HÜBNER, [1803-1808])  
13.VI.: 2 ♂♂, 2 ♀♀; 15.-21.VII.: 1 ♀; ?.VII.: 1 ♂.

### Acontiinae

55. *Lithacodia deceptoria* (SCOPOLI, 1763)  
13.VI.: 1 ♂.

### Plusiinae

56. *Panchrysia dives* (EVERSMANN, 1844)  
15.-21.VII.: 1 ♀; 29.VII.: 3 ♀♀; ?.VII.: 1 ♂, 4 ♀♀; 2.VIII.: 2 ♀♀. Distributed mainly in the central and eastern parts of Mongolia, locally frequent on forest-steppes.
57. *Autographa buraetica* (STAUDINGER, 1892)  
13.VI.: 1 ♂; 15.-21.VII.: 1 ♂, 1 ♀; ?.VII.: 1 ♂; ?.VIII.: 1 ♂, 1 ♀. A widely distributed and

common species in the forest-steppe and taiga zones, in the northern, central and eastern parts of Mongolia.

58. *Autographa macrogamma* (EVERSMANN, 1842)  
15.-21.VII.: 1 ♂, 1 ♀; 29.VII.: 2 ♀♀; ?.VIII.: 1 ♀. Widely distributed and frequent in the taiga zone of the country.

#### Catocalinae

59. *Chrysothrum flavomaculata* (BREMER, 1861)  
13.VI.: 2 ♀♀. This species occurs throughout the country except of the Gobi desert.

#### Ophiderinae

60. *Eccrita ludicra gracilis* STAUDINGER, 1897  
13.VI.: 1 ♂; 15.-21.VII.: 6 ♂♂; 29.VII.: 2 ♂♂. Occurs almost everywhere (except the Gobi desert), common in the central parts of the country.
61. *Lygephila viciae* (HÜBNER, [1819-1822])  
13.VI.: 1 ♀.

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