

The Noctuidae fauna of Turkmenistan (Lepidoptera)

(continued from *Phegea* 25, p. 183)

A. N. Poltavsky, A. V. Nekrasov, V. I. Petchen & E. A. Hatchikov

115. *Hadena perplexa* [Denis & Schiffermüller], 1775 (west-Palaeartic): Syunt (K: 12.V).
116. *Hadena silenes* Hübner, 1822 (Mediterranean): Iol-Dere, Ai-Dere, Syunt (K: 29.IV–12.V).
117. *Hadena pumila* Staudinger, 1879 (east-Mediterranean): Dushak (F, Her, Pod, Vr: 6–9.VII).
118. *Hadena picturata* Alphéraky, 1883 (middle Asian) (*): Badkhyz (Sv).
119. *Hadena compta* [Denis & Schiffermüller], 1775 (Transpalaeartic): Iol-Dere (K: 12.VI); Ai-Dere (K: 17.VI).
120. *Hadena laudeti* Boisduval, 1840 (east-Mediterranean): Syunt (K: 12.V).
121. *Hadena luteago* [Denis & Schiffermüller], 1775 (west-Palaeartic): Iol-Dere (K: 7.IV–21.V).
122. *Hadena literata* Fischer de Waldheim, 1840 (ssp. *suffusa* Warren, 1910) (endemic of Kopet-Dagh): Ai-Dere (Dev: IV–V); Ashkhabad (Hack).
123. *Hadena gueneei* Staudinger, 1901 (east-Mediterranean): Kara-Kala m. d. (K: 15.V); Iol-Dere (K: 7.V); Tshuli (L).
124. *Hadena mesolampra* Brandt, 1938 (Iran-Turanian): Firyuza (Hr, LR, GR: 30.IV–8.V).
125. *Hadena melanochroa* Staudinger, 1892 (east-Mediterranean): Dushak (Dub: 30.IV).

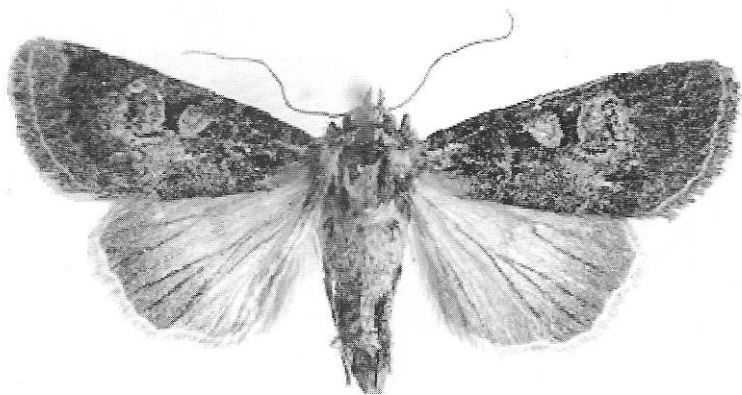


Fig. 5: *Perigrapha duktana* Draudt, 1934, ♂, Badkhyz 17.II.1982, wingspan 37 mm, leg. V. Petchen, (photo: A. Poltavsky).

* The term "Middle Asia" (Srednyaya Aziya) was employed in Soviet (and still in Russian) literature to designate an area occupied by the former "middle-Asian USSR republics": Turkmen, Uzbek, Tadjik, Kyrgyz. — Editor.

126. *Hadena magnolii* Boisduval, 1829 (west-Palaeartic): Iol-Dere (K: 6.V).
 127. *Hadena inexpectata* Varga, 1979 (endemic of Turkmenistan): Dushak (F, Her, Pod, Vr: 6–9.VII).
 128. *Egira anatolica* Hering, 1933 (east-Mediterranean): Iol-Dere (K).
 129. *Orthosia incerta* Hufnagel, 1766 (Transpalaeartic): Iol-Dere (K: 19.II).
 130. *Perigrapha duktana* Draudt, 1934 (mountain middle Asian): Badkhyz (P: 17.II–13.III, 13.XII).
 131. *Perigrapha i-cinctum* [Denis & Schiffermüller], 1775 (west-Palaeartic): Kara-Kala (K: 26.IV).
 132. *Perigrapha annau* Varga & Ronkay, 1991 (endemic of Kopet-Dagh): Annau (Dub: 5.IV).
 133. *Mythimna vitellina* Hübner, 1808 (west-Palaeartic): Kara-Kala, Iol-Dere (K: 29.IV–20.VIII, A: 14.VI); Nebit-Dagh (H: 15.VI); Badkhyz (P: 8–22.IV, 16.VII, 20.IX–2.X; Sv); Deinau (D: V).
 134. *Mythimna albipuncta* [Denis & Schiffermüller], 1775 (Mediterranean): Kara-Kala (K: 10–17.VII).
 *135. *Mythimna congrua* Hübner, 1817 (Mediterranean): Kara-Kala (Dev).
 136. *Mythimna ferrago* Fabricius, 1787 (east-Mediterranean): Kara-Kala m. d., Iol-Dere, Syunt (K: 25.VII–24.VIII).
 137. *Mythimna l-album* Linnaeus, 1767 (Transpalaeartic): Kara-Kala (K: 9.VI–15.VII, A); Nebit-Dagh (H: IX); Yaskhan (RV: 2.V); Badkhyz (P: V); Bairam-Ali (B: 15.IX–20.X); Ai-Dere (A: 14.VI).
 138. *Mythimna unipuncta* Haworth, 1809 (cosmopolitan): Repetek (Ts: 25.IV, 13.XI); Badkhyz (P: 14.VI); Uzun-Su (D: 3.X).
 *139. *Mythimna riparia* Rambur, 1929 (west-Palaeartic): Kara-Kala (L: 9.IX).
 140. (?) *Mythimna anderreggii* Boisduval, 1840 (Mediterranean): Kara-Kala m. d. (K: 24.VIII); Parhay (Mim: 14.VI).
 141. *Mythimna obsoleta* Hübner, 1803 (west-Palaeartic): Kara-Kala (K: 23–30.IV).
 142. *Mythimna comma* Linnaeus, 1761 (holarctic): Ashkhabad (L: 19.IV).
 143. *Mythimna punctosa* Treitschke, 1825 (Mediterranean): Ai-Dere (K: 21–30.VIII); Badkhyz (P: 1.VII, 3.X–1.XI); Kara-Kala (L: 20.IX); Kala-i-Mor (Hv: 10.X); Imam-Baba (Dan: 23.X); Nebit-Dagh (H: X–XI).
 144. *Mythimna zaeae* Duponchel, 1827 (Mediterranean): Sumbar (K: 26.V–31.VII); Nebit-Dagh (H: 15.IV, IX); Yaskhan (RV); Badkhyz (Sv); Repetek (Ts: 25.IV).
 145. *Mythimna loreyi* Duponchel, 1827 (cosmopolitan): Kara-Kala (K: IV–VII; A: 1.VIII); Kara-Kala m. d. (K); Danata (D: 22.V); Nebit-Dagh (H: 15.IV–10.VI, IX); Yaskhan (RV); Badkhyz (P: 1.VII, 1.XI; Sv); Tschardzhou (S: 18.VIII); Lambe (D: IV–V); Repetek (Ts: X, XI); Kala-i-Mor (Hv).

Subfamily Cucullinae

146. *Cucullia argentina* Fabricius, 1787 (east-Mediterranean): Syunt (K: 12.V); Kara-Kala (Ts: 5.VI).
 147. *Cucullia hemidiaphana* Graes, 1892 (middle Asian): Ai-Dere (K: 17.VIII); Badkhyz (P: 16.IX); Tshilnamed-Kum (H: IX); Nebit-Dagh (Tr: 14–19.IX).
 148. *Cucullia boryphora* Fischer de Waldheim, 1840 (middle Asian): Kara-Kala, Kara-Kala m. d., Iol-Dere, Syunt (K: 7.IV–26.V); Repetek (Ts: IV); Badkhyz (P: 23.IV–27.V); Yaskhan (RV); Lambe (D: 28.IV); Bairam-Ali (B: 17.IX); Nebit-Dagh (H: 10–

¹ Kuznetsov (1960) determined this species as *Mythimna sicula* Treitschke.

20.V; Tr: 11–29.IX); Tshilmamed-Kum (H: V); Imam-Baba (Kozh: 1.IV–10.V); Danata (D: 16.IX).

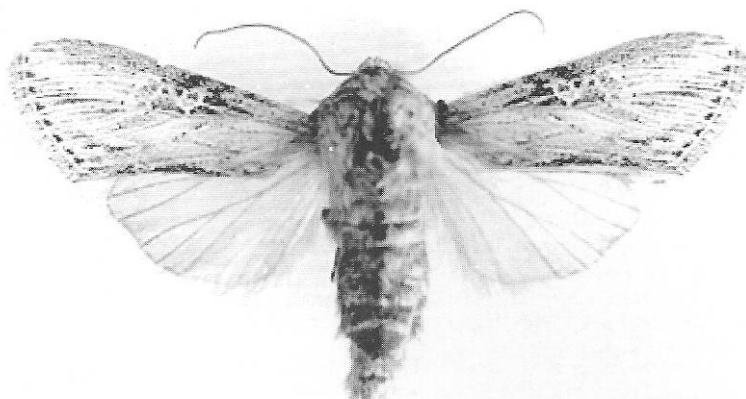


Fig. 6: *Cucullia hemidiaphana* Graes, 1892, ♂, Badkhyz 17.IX.1980, wingspan 33 mm, leg. V. Petchen (Photo: A. Poltavsky).

149. *Cucullia leptographa* Reis, 1958 (Iran-Turanian): Ashkhabad (Sz); Kara-Kala (Dev); Repetek (Ts: IV, V); Yaskhan (RV); Tshilmamed-Kum (H: V, X); Kizyl-Takyr (H: V).

150. *Cucullia santolinae* Rambur, 1834 (Mediterranean): Badkhyz (P: 12.III); Ashkhabad (L: IV); Kara-Kala (Mim: 16.IV).

151. *Cucullia tecca* Püngeler, 1906 (Iran-Turanian): Ashkhabad (Sz).

152. (*) *Cucullia amota* Alphéraky, 1877 (Mediterranean): Sumbar (K: 27.VII).

153. *Cucullia zerkowitzi* Boursin, 1934 (middle Asian): Kara-Kala (Mim: 26.IV).

*154. *Cucullia verbasci* Linnaeus, 1758 (Transpalaeartic): Badkhyz (P: 25.III).

155. *Cucullia blattariae* Esper, 1790 (Mediterranean): Ai-Dere (Mim: 29.IV).

156. *Cucullia chamomillae* [Denis & Schiffermüller], 1775 (Mediterranean): Kara-Kala (K: 12.VI); Badkhyz (P: 12–19.III, 17.IX).

157. *Cucullia tanacetii* [Denis & Schiffermüller], 1775 (west-Palaeartic): Kara-Kala (K: V, VI).

*158. *Cucullia calendulae* Treitschke, 1835 (= *wredowi* Costa, 1836) (east-Mediterranean): Kara-Kala (Dev); Ai-Dere (Mim: 19.IV).

159. *Calophasia angularis* Chretien, 1910 (tropical, subtropical): Kara-Kala (K: 21.IV).

160. *Metatopha liturata* Christoph, 1887 (Iran-Turanian): Ai-Dere (K); Badkhyz (P: 3.V).

161. *Omphalophana anatolica* Lederer, 1857 (east-Mediterranean): Kara-Kala, Kara-Kala m. d., Ai-Dere (K: 13.IV–12.V); Imam-Baba (Kozh: 4.V); Ashkhabad (Kaz: 19.IV).

162. *Metapoceras omar* Oberthür, 1887 (ssp. *caspica* Alphéraky, 1895) (Mediterranean): Kara-Kala, Kara-Kala m. d. (K: 19.IV–16.V, Kaz: 10.V).

*163. *Episema minuta* Boursin & Ebert, 1976 (middle Asian): Kala-i-Mor (Hv: 10.X); Badkhyz (P: 13–25.X).

* Kuznetsov (1960) determined this species as *Cucullia dracunculi* Hübner.

*164. *Episema lederi* Christoph, 1885 (Iran-Turanian): Tshuli (L: 30.IX); Imam-Baba (Dan: 14.X); Kala-i-Mor (Hv: 10.X).

165. *Episema sareptana* Alphéraky, 1897 (middle Asian): Repetek (Ts: 26.IX–19.X); Badkhyz (P: 29.XI); Nebit-Dagh (Tr: 29.IX).

*166. *Metapodicha longicornis* Boursin, 1957 (Iran-Turanian): Badkhyz (P: 4.VII–4.XI); Imam-Baba (Dan: 23.X); Murgab (ZIN); Ashkhabad (D: 7.X).

167. *Mervia kuznetzovi* Daritcheva, 1961 (endemic of Turkmenistan): Lambe (D: IV, V); Iolotan (V: 6.X); Mary (D: 7–14.X); Bairam-Ali (K).

168. (?) *Oncocnemis strioligera* Lederer, 1853 (mongolian-siberian): Ai-Dere (K: 10–24.VIII); Ashkhabad (VR).

*169. *Leucochlaena muscosa* Staudinger, 1892 (east-Mediterranean): Tshuli (Kaz: 17–23.IX; L: 5.X); Badkhyz (P: 8–25.X); Kala-i-Mor (Hv: 10.X).

170. *Turanica haeretica* Püngeler, 1902 (endemic of Turkmenistan): Imam-Baba (Dan: 14.X); Kala-i-Mor (Hv: 10.X).

*171. *Ulochlaena hirta* Hübner, 1813 (Mediterranean): Tshuli (L).

172. *Guselderia mitis* Püngeler, 1906 (ssp. *lutea* Hacker, Kuhna & Gross, 1986) (Iran-Turanian): Ashkhabad (Sz).

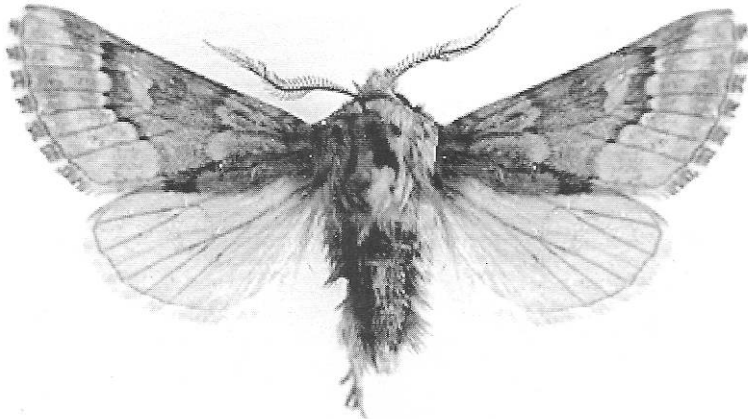


Fig. 7: *Guselderia mitis lutea* Hacker, Kuhna & Gross, 1986, ♂, Badkhyz 25.XI.1985, wingspan 33 mm, leg. V. Petchen (Photo: A. Poltavsky).

173. *Borisia hiemalis* Filipjev, 1949 (endemic of Turkmenistan): Repetek (Ts: X, XI).

174. *Lithophane alaina* Boursin, 1957 (mountain middle Asian): Kugitang (Dub: 7.V).

175. *Xylena exoleta* Linnaeus, 1758 (Mediterranean): Kara-Kala, Kara-Kala m. d. (K); Repetek (Ts: 7–10.XI); Badkhyz (P: 10.III–4.VII).

*176. *Dryobotodes monochroma* Esper, 1790 (f. *suberis* Boisduval, 1829) (Mediterranean): Tshuli (Kaz: 23.IX).

177. *Polymixis trisignata* Ménétrics, 1847 (= *leuconota* Herrich-Schaffer, 1850) (east-Mediterranean): Badkhyz (P: 22.X–5.XI); Ai-Dere (K: 3.X).

178. *Polymixis philippsi* Püngeler, 1911 (Iran-Turanian): Firyuza (Dub: 20.X).

⁹ We don't include here *Callierges ramosa* Esper (Kuznetzov 1960).

179. *Polymixis attosa* Wiltshire, 1941 (ssp. *limula* Sukhareva, 1978) (mountain middle Asian): Badkhyz (P: 5–28.XI); Repetek (Ts: X, XI).

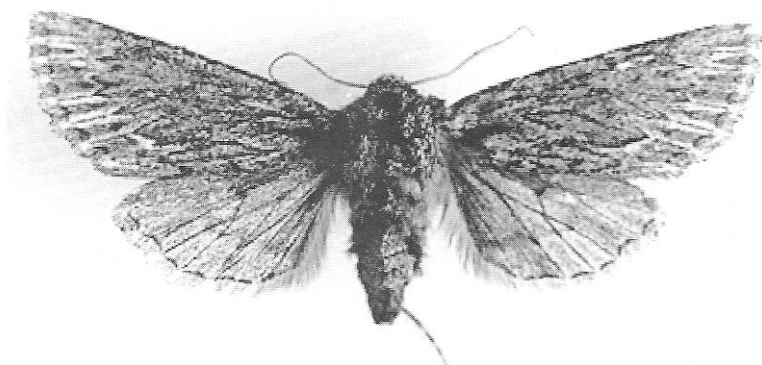


Fig. 8: *Polymixis attosa limula* Sukhareva, 1978, ♀, Badkhyz 5.XI.1985, wingspan 41 mm, leg. V. Petchen (Photo: A. Poltavsky).

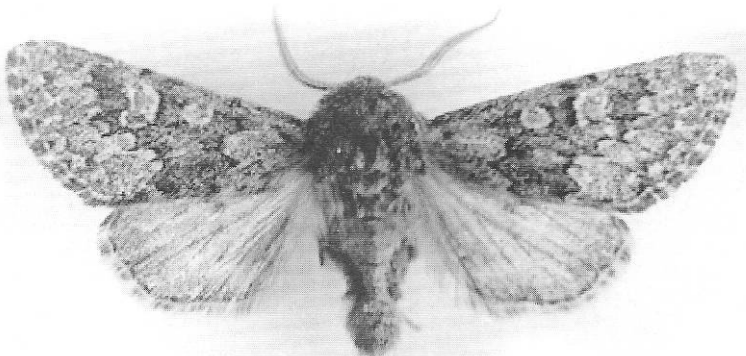


Fig. 9: *Polymixis rosinae* Bohatsch, 1908, ♂, Badkhyz 12.XI.1985, wingspan 42 mm, leg. V. Petchen (Photo: A. Poltavsky).

*180. *Polymixis rosinae* Bohatsch, 1908 (= *paradisiaca* Boursin, 1944) (Iran-Turanian): Badkhyz (P: 2–12.XI; 4.XII).

*181. *Polymixis apothaina* Brandt, 1938 (mountain middle Asian): Badkhyz (P: 2.X); Tshilmamed-Kum (H: 5.X); Imam-Baba (Dan: 21.X); Tshuli (L: 5.X); Ashkhabad (Pt: 19.IX).

182. *Polymixis rohrei* Boursin, 1961 (middle Asian): Ashkhabad (Pt: 10.IX).

183. *Lophotyna crinomima* Wiltshire, 1946 (Iran-Turanian): Kopet-Dagh (Hack); Kara-Kala (L: 3.X); Badkhyz (P: 13.X–1.XI).

184. *Conistra metria* Boursin, 1940 (Iran-Turanian): Ashkhabad, Firyuza (Hreb).

185. *Agrochola dubatolovi* Varga & Ronkay, 1991 (endemic of Kopet-Dagh): Dushak (VR: 26.IX).

186. *Agrochola circellaris* Hufnagel, 1766 (Holarctic): Repetek (Ts: 27.IX).

187. *Agrochola helvola* Linnaeus, 1758 (west-Palaeartic): Iol-Dere, Ai-Dere (K: 23.X).

- *188. *Agrochola oropotamica* Wiltshire, 1941 (middle Asian): Badkhyz (P: 2.X-1.XI).
 189. *Atethmia centrigo* Haworth, 1809 (Mediterranean): Ai-Dere (K: 5.IX).
 *190. *Xanthia icteritia* Hufnagel, 1766 (Transpalaeartic): Imam-Baba (Don: 7.X).
 *191. *Xanthia ocellaris* Borkhausen, 1792 (Transpalaeartic): Imam-Baba (Don: 23.X); Badkhyz (P: 1.XI).
 *192. *Xanthia gilvago* [Denis & Schiffermüller], 1775 (west-Palaeartic): Nebit-Dagh (H: 6.XI).

Subfamily Acronictinae

193. *Acronicta aceris* Linnaeus, 1758 (west-Palaeartic): Ai-Dere (K: 23.V-15.VI).
 194. *Acronicta psi* Linnaeus, 1758 (west-Palaeartic): Syunt (K: 6.VIII).
 195. *Simyra nervosa* [Denis & Schiffermüller], 1775 (Transpalaeartic): Lambe, Deinau (D: 25.IV-27.V); Ai-Dere (K: 17.VI); Kara-Kala m. d. (K: 7.IV-7.VI).
 196. *Simyra dentinosa* Freyer, 1839 (Mediterranean): Badkhyz (P: 14.IV); Tshilmamed-Kum (H: IV); Iol-Dere (K: 29.IV).
 197. *Cryphia recepticula* Hübner, 1813 (Mediterranean): Iol-Dere (K: 16.VII-20.VIII); Badkhyz (Sv).
 *198. *Cryphia distincta* Christoph, 1887 (Iran-Turanian): Ashkhabad (Don: 21.VII; Pt: 20.VII).
 199. *Cryphia algae* Fabricius, 1775 (Mediterranean): Iol-Dere, Syunt (K: 226.VII); Kara-Kala (K: 20.VI-12.VII); S. Balhan (D: 16.V).
 200. *Cryphia centralis* Draudt, 1931 (= *maeonis* Lederer, 1855) (middle Asian): Ai-Dere (K: 5-12.VII); Iol-Dere, Syunt (K: 13.VI-15.VII); Kara-Kala (K: 6.VI-30.VIII); Ashkhabad (Pt: 15.VI); Danata (D: 26-28.VII).
 201. *Cryphia idonea* Christoph, 1893 (Iran-Turanian): Ashkhabad (Hack).
 202. *Cryphia vilis* Hampson, 1908 (middle Asian): Mary (Hack).
 203. *Cryphia raptricula* [Denis & Schiffermüller], 1775 (Transpalaeartic): Syunt, Iol-Dere (K: 13.VI-20.VIII); Kara-Kala (K: 9.VI-VIII); Nebit-Dagh (Tr: 27.VIII; H: 20.V); Badkhyz (Sv).
 *204. *Cryphia muralis* Forster, 1771 (Mediterranean): Ashkhabad (Pt: 20.VII).

Subfamily Amphipyrinae

205. *Apopestes spectrum* Esper, 1787 (Transpalaeartic): Kara-Kala, Kara-Kala m. d. (K: 9-17.VI); Iol-Dere, Syunt (K: 26.VII-20.VIII); Badkhyz (P: 8.VI; Sv); Tshilmamed-Kum (H: 6.VI); Deinau (D: V); Bugdaili (D: 22.V); Karagez (D: 28.V); Ashkhabad (S: 4.VI).
 206. *Apopestes centralasiae* Warren, 1913 (middle Asian): Tshuli (D: 19.V).
 207. *Tathorhynchus exsicata* Lederer, 1855 (tropical, subtropical): Repetek (Ts: 31.X); Kara-Kala, Ai-Dere (Dev: 30.IV).
 208. *Autophila limbata* Staudinger, 1871 (Mediterranean): Ai-Dere (K: 26.V-13.VII); Ashkhabad (RV).
 209. *Autophila luxuriosa* Zerny, 1933 (east-Mediterranean): Kala-Kala, Kara-Kala m. d. (K: 7.IV-24.VI).
 210. *Autophila subfusca* Staudinger, 1893 (east-Mediterranean): Kara-Kala m. d. (K: 7.IV-16.VI); Syunt (K: 18.VI); Kara-Kala (K: 11-13.VI).
 211. *Autophila asiatica* Staudinger, 1888 (mountain middle Asian): Iol-Dere (K: 21.IV).

212. *Autophila cerealis* Staudinger, 1871 (east-Mediterranean): Ai-Dere (K: 17.VI); Badkhyz (P: 17.VI); Ashkhabad (Brns).
213. *Autophila laetifica* Staudinger, 1888 (Iran-Turanian): Parhay (Mim: 17.V).
214. *Autophila cryptica* Ronkay, 1986 (Iran-Turanian): Ashkhabad (VR).
215. *Autophila maculifera* Staudinger, 1888 (mountain middle Asian): Ashkhabad (Sz, Brsn).
216. *Autophila ligaminosa* Eversmann, 1851 (west-Palaeartic): Danata (D: 25.V); Kara-Kala m. d. (K: 30.V–27.VII); Syunt (K).
217. *Autophila gracilis* Staudinger, 1896 (mountain middle Asian): Kara-Takyr (H: V); Kara-Kala m. d. (K: 24.VI–12.VII); Tshilmamed-Kum (H: V); Ashkhabad (Pt: 3.VI); Kizyl-Arvat (St: 1.VI); Krasnovodsk (H: 10.VI); Danata (D: 27.V); Yaskhan (RV); Badkhyz (P: 21.V, 21.X; Sv); Nebit-Dagh (H: VI).
218. *Amphipyra pyramidea* Linnaeus, 1758 (west-Palaeartic): Syunt, Ai-Dere, Iol-Dere (K: 11–25.VI).
219. *Amphipyra tragopogonis* Clerck, 1759 (holarctic): Kara-Kala (K: 6.VI–22.VIII); Iol-Dere, Syunt (K); Badkhyz (P: 18.VI; Sv); Repetek (Ts: 13.V); Lambe, Deinau (D: IV–VI); Danata (D: 25.VI–8.V).
220. *Amphipyra turcomana* Staudinger, 1888 (Iran-Turanian): Kara-Kala, Kara-Kala m. d. (K: VI).
221. *Amphipyra tetra* Fabricius, 1787 (west-Palaeartic): Kara-Kala m. d., Syunt (K: 6.VI–25.VII).
222. *Amphipyra submicans* Kuznetsov, 1959 (endemic of Kopet-Dagh): Syunt (K: 15.V); Iol-Dere (K: 16.VII); Sumbar (K: 22.VII).
223. *Anthracia turcomanica* Christoph, 1893 (mountain middle Asian): Sumbar (K: 7.VIII).
224. *Mormo maura* Linnaeus, 1758 (Mediterranean): Kara-Kala, Iol-Dere (K: VI, VIII).
225. *Trachea atriplicis* Linnaeus, 1758 (Transpalaeartic): Kara-Kala (K: 24–27.VI).
226. *Phlogophora meticulosa* Linnaeus, 1758 (Mediterranean): Kara-Kala (K: 25–28.IV); Kara-Kala m. d. (K: 11.V).
227. *Callopietria latreillei* Duponchel, 1827 (Mediterranean): Ashkhabad (Pt: 18.VIII).
228. *Pseudoligia simililaria* Ménétériés, 1849 (middle Asian): Repetek (Ts: III, IV; Z: 9–10.III; Kos: 22–25.V); Nebit-Dagh (H: 1.VI); Tshilmamed-Kum (H: IV–VI); Bairam-Ali (B: 21.VI); Lambe (D: IV); Ashkhabad (Pt: 5.IV).
229. *Enargia ypsilon* [Denis & Schiffermüller], 1775 (ssp. *plebeja* Staudinger, 1888) (west-Palaeartic): Badkhyz (Ts: 23.V); Kara-Kala, Kara-Kala m. d. (K: 12–18.V).
230. *Pinacoplus didymogramma* Erschoff, 1874 (mountain middle Asian): Badkhyz (P: 17.V); Repetek (Ts: 4.V).
231. *Mesoplus contrita* Christoph, 1884 (mountain middle Asian): Repetek (Ts: 21.IV); Lambe, Deinau (D: IV–VI); Ashkhabad (Pt: 3.V); Bairam-Ali (B: 23.V).
- *232. *Mesoplus pachyspila* Boursin, 1968 (Iran-Turanian): Kara-Kala (Mim: 12.V).
233. *Metopoplus alboflavicola* Stschetkin, 1965 (mountain middle Asian): Repetek (Ts: IV).
- *234. *Metopoplus excelsa* Christoph, 1885 (Iran-Turanian): Imam-Baba (Dan: 21.X).
235. *Metopoplus fixseni* Christoph, 1893 (east-Mediterranean): Ai-Dere (K: 5–23.V).
- *236. *Mycteroplus puniceago* Boisduval, 1840 (east-Mediterranean): Kara-Kala (L: 20.IX).
237. *Cosmia affinis* Linnaeus, 1767 (west-Palaeartic): Iol-Dere (K: 30.V–11.VI); Syunt (K).

238. *Cosmia pyralina* [Denis & Schiffermüller], 1775 (Transpalaeartic): Ai-Dere (K: 2.VI).
239. *Auchmis peterseni* Christoph, 1887 (middle Asian): Kara-Kala m. d. (K: 27.VII–24.VIII); Iol-Dere, Syunt (K: 6.V–6.VII).
240. *Actinotia hyperici* [Denis & Schiffermüller], 1775 (Mediterranean): Iol-Dere (K: 26.VII).
241. *Apamea monoglypha* Hufnagel, 1766 (Transpalaeartic): Ai-Dere (K: 6.VII).
242. *Apamea platinea montana* Herrich-Schäffer, 1852 (Mediterranean): Repetek (Ts: VIII); Ashkhabad (Sz).
- *243. *Mesoligia literosa* Haworth, 1809 (west-Palaeartic): Nebit-Dagh (H: 10.VII).
- *244. *Usbeca cornuta* Püngeler, 1914 (Iran-Turanian): Iolotan (V: 12.IX).
245. *Pseudohadena lasiniosa* Christoph, 1887 (mountain middle Asian): Kara-Kala m. d. (K: 26.V); Danata (D: 26.V); Iol-Dere (K: 6.VII).
246. *Pseudohadena gnorima* Püngeler, 1907 (Iran-Turanian): Ashkhabad (Pt: 10.VII).
247. *Pseudohadena chenopodiphaga* Rambur, 1832 (Mediterranean): Ai-Dere (K: 29.IV); Kara-Kala, Iol-Dere, Syunt (K: 30.IV–20.V); Repetek (Ts: 15.XI); Dardja, Tshilmamed-Kum (H: IV, XI); Kizyl-Takyr (H: 17.X); Lambe (D: 16.V).
248. *Pseudohadena siri* Erschoff, 1874 (middle Asian): Repetek (Ts: IV-V); Dardja (H: 15.IV); Lambe (D: 8.VI; Kozh: 23.IV); Ashkhabad (Pt: 1–21.VI); Bugdaili (D: 19–23.V); Tshuli (Pt: 17–20.VII).
249. *Pseudohadena immunda* Eversmann, 1842 (Iran-Turanian): Badkhyz (Sv).
250. *Pseudohadena arvicola* Christoph, 1887 (middle Asian): Nebit-Dagh (H: X); Ashkhabad (Pt: 5.VII); Krasnovodsk (Kaz: 12.VII); Parhay (Mim: 2.V).
- *251. *Pseudohadena schlumbergeri* Püngeler, 1904 (mountain middle Asian): Nebit-Dagh (H: V); Tshilmamed-Kum (H: V).
252. *Pseudohadena commoda* Staudinger, 1889 (middle Asian): Ashkhabad (Pt: 22.VI–19.VII).
253. *Pseudohadena indigna* Christoph, 1887 (east-Mediterranean): Sumbar (K: 7.VII); Ashkhabad (Pt: 18.VI).
254. *Ecboleamia misella* Püngeler, 1907 (Iran-Turanian): Repetek (Ts).
255. *Maraschia grisescens* Osthelder, 1933 (Iran-Turanian): Iol-Dere (K: 20.VIII); Ashkhabad (Pt: 19.IX).
256. *Gortyna cervago* Eversmann, 1844 (east-Mediterranean): Ai-Dere (K: 19.VII).
257. *Phoebophilus veteriosa* Püngeler, 1907 (middle Asian): Ipai-Kala (Hr, LR, GR: 16-23.VIII); Dushak (Dub: 3.IX).
258. *Heterographa zelleri* Christoph, 1877 (Iran-Turanian): Kara-Kala (K: 28.IV); Repetek (Ts: 13.V, 24.IX); Badkhyz (P: 29.VI, 25.VIII); Yaskhan (RV); Deinau (D: 12.V).
259. *Margelana versicolor* Staudinger, 1901 (middle Asian): Repetek (Ts); Badkhyz (Mr: 24.IX–3.X); Imam-Baba (Dan: 14.X); Bairam-Ali (B: 16.X).
260. *Scythocentropus scripturosa* Eversmann, 1854 (middle Asian): Badkhyz (P: 22.IX); Repetek (Ts: 24.IX).
261. *Diadochia saca* Püngeler, 1914 (middle Asian): Repetek (Ts: 26.IX, X; Z: 10.IV; S: 15.IX); Badkhyz (P: 25.X; S: 15.IX); Imam-Baba (Dan: 14.X).
262. *Anamecia malitiosa* Alphéraky, 1892 (middle Asian): Repetek (Ts: IX, X; Dan: X); Nebit-Dagh (H: V); Tshilmamed-Kum (H: 1.X); Kizyl-Takyr (H: 10.X); Yaskhan (RV); Bairam-Ali (B: 13.IX).
263. *Jaxartia elinguis* Püngeler, 1914 (Iran-Turanian): Repetek (Ts: X, XI); Lambe (D: 20.IV); Mary (D: 22.X).

264. *Jaxartia striolata* Filipjev, 1949 (Iran-Turanian): Repetek (Ts: 5.X–10.X); Lambe (D: 20.IV); Bairam-Ali (B: 24.X).



Fig. 10: *Jaxartia striolata* Filipjev, 1949, ♂, Repetek 31.X.1965, wingspan 38 mm, leg. A. Tsvetaev (Photo: A. Poltavsky).

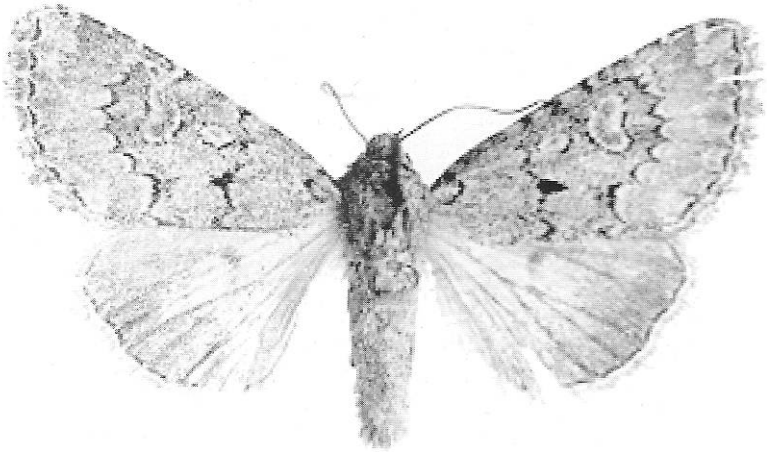


Fig. 11: *Epipsammia cretacea* Staudinger, 1888, ♂, Transkaspien, Sumbar, 1894, leg. Herz, coll. ZIN (Photo: A. Poltavsky).

- *265. *Nonagria typhae* Thunberg, 1784 (west-Palaeartic): Tschardzhou (S: 28.VII).
 266. (¹⁰) *Arenostola unicolor* Warren, 1914 (Iran-Turanian): Kara-Kala (K: 13–27.VI); Ai-Dere, Iol-Dere (K: 7.VI–14.VII); Bairam-Ali (B: 14.VI); Badkhyz (Sv); Ai-Dere (Kaz: 15.VI).
 267. *Oria musculosa* Hübner, 1808 (Mediterranean): Ai-Dere (K: 17.VI); Badkhyz (P: 12–14.V; Sv).
 268. *Epipsammia cretacea* Staudinger, 1888 (endemic of Turkmenistan): Ai-Dere (K: 17.VI); Kara-Kala (K: 28.VI); Sumbar (K: 4–30.V); Imam-Baba (Kozh: 9.V); Danata (D: 1.VI); Murgab (ZIN: 20.VII).
 269. *Epipsammia accurata* Christoph, 1882 (east-Mediterranean): Kara-Kala (K: 25.V–11.VIII); Kara-Kala m. d. (K: 8.VI); Lambe (D: 28.IV); Iolotan (V: 12.IX); Bugdaili (D: 19.V).
 *270. *Epipsammia boursini* Wiltshire, 1957 (Iran-Turanian): Ai-Dere (Mim: 15.VI).
 271. *Epipsammia fixeni* Christoph, 1882 (Iran-Turanian): Kara-Kala, Kara-Kala m.d. (K: 7.IV–24.VIII); Badkhyz (Sv).

(continued)

¹⁰ Kuznetsov (1960) determined this species as *Calamia phragmitidis* Hb.

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