Atalanta (August 2000) **31** (1/2): 327-367, Würzburg, ISSN 0171-0079

"Fauna lepidopterologica Volgo-Uralensis" 150 years later: changes and additions. Part 5. Noctuidae

(Insecta, Lepidoptera)

by

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received 24.II.2000

Summary: 630 species of the Noctuidae are listed for the modern Volgo-Ural fauna. 2 species (*Mesapamea hedeni* GRAESER and *Amphidrina amurensis* STAUDINGER) are noted from Europe for the first time and one more—*Nycteola siculana* FUCHS—from Russia. 3 species (*Catocala optata* GODART, *Helicoverpa obsoleta* FABRICIUS, *Pseudohadena minuta* PÜNGELER) are deleted from the list. Supposedly they were either erroneously determinated or incorrect noted from the region under consideration since EVERSMANN's work. 289 species are recorded from the region in addition to EVERSMANN's list.

This paper is the fifth in a series of publications[1] dealing with the composition of the present-day fauna of noctuid-moths in the Middle Volga and the south-western Cisurals. This region comprises the administrative divisions of the Astrakhan, Volgograd, Saratov, Samara, Uljanovsk, Orenburg, Uralsk and Atyraus (= Gurjev) Districts, together with Tataria and Bashkiria. As was accepted in the first part of this series, only material reliably labelled, and covering the last 20 years was used for this study. The main collections are those of the authors: V. ANIKIN (Saratov and Volgograd Districts), S. SACHKOV (Samara District) and V. ZOLOTUHIN (Uljanovsk district and southern Tataria). For the same districts we also made use of literature data, i. e. Astrakhan district (LVOVSKY, 1971), Bashkiria (GROSSER, 1983, 1987) and Uralsk district (AJBASOV, 1974; KUZNETSOV & MARTYNOVA, 1954). All the data from the 19th and early 20th centuries were taken into account but only as a reference (BARTEL, 1902, 1914; BECKER, 1854-1892; CHRISTOPH, 1862-1872; EVERSMANN, 1831-1852; FISCHER VON WALDHEIM, 1840; GROSS, 1925; STAUDINGER, 1879; TAUSCHER, 1806, 1809; ZHURAVLEV, 1910). Whilst compiling this list we also took advantage of the information from recent papers on this region (KUMAKOV & KORSHUNOV, 1979; ANIKIN, 1990; SACHKOV, 1983; SVIRIDOV & ZOLOTUHIN, 1995, 1998; KLJUTSCHKO & HACKER, 1996), general revisions (FIBIGER, 1990, 1993; FIBIGER & HACKER, 1991; SVENDSEN & FIBIGER, 1992; RONKAY & RONKAY, 1994) and monographs on the fauna of the USSR (KOZHANTSCHIKOV, 1937, 1950) which were in part critically reviewed and revised. The material in the collections of the Zoological Institute of the Russian Academy of Sciences at St. Petersburg and especially of the Moscow State University (curator Dr. A. V. SVIRIDOV) was also examined for our study. Also the private collections of A. & V. ISAJEV (Uljanovsk) and V. KUPAYEV (Samara) were studied, to whom we express our sincere thanks. Special thanks also due to the curator of the Lepidopteran collection at the Zoological Museum of the Russian Academy of Science

1 Part 1: Atalanta (1993) **24** (1/4): 89-120; part 2: Atalanta (2000) **31** (1/2): 265-292; part 3: Atalanta (2000) **31** (1/2): 293-326; part 4: Atalanta (1999) **29** (1/4): 295-336.

Dr. I. L. Sukhareva (St. Petersburg) for her help in our work with the museum collections and to Dr. Wolfgang Speidel (Bonn/Berlin) for his help in deciding some taxonomic problems.

The system of Poole (1989) was accepted in the article. Status of some little-known taxa was verified due to work of Hacker (1990). We have to note that the system of the Noctuidae is not very stable so far and our list is only a refraction of a new point of view on a compound of some genera and a status of some taxa also. In any case we consider that the article is not a taxonomic but a faunistic work and hope it would be useful in faunistic researches not only in Russia but also in other European states.
In spite of that a great part of the work had been done by Dr. A. V. Sviridov (determination and re-examination of many species from the collections of other co-authors as well as numerous taxonomic notes in the text), we came to the agreement to keep the authors' order such as in the previous articles to facilitate any bibliographic references as Anikin et al.
For the ease of use, information is given in the form of a table, with the principal data of all species mentioned for the Volgo-Ural region. Many localities have been renamed during the last 150 years, the most important ones being listed below:
Samara – later Kujbyshev – now Samara
Simbirsk – now Uljanovsk
Sarepta – now Krasnoarmejsk of the Volgograd District
Orenburg – later Chkalov – now Orenburg
Waskuntschatskoi – usually noted as Baskunchak (Astrakhan District)
Zarizyn or Tsarizyn – later Stalingrad – now Volgograd.
Note: Spassk, usually interpreted as Eversmann's estate not far from Orenburg, really might be also a town being flooded by the Volga's water during the erection of hydro-electric power stations and following increasing water levels. Before that Spassk had been situated at about 82 km ESE of Kasan on the left bank of the Volga.

Notes on the table

Column 1: Species number
- species is deleted from the list
- species needs guarding

Column 2: Species name

Column 3: Species listed by Eversmann (1844) within the regional limits of that paper

Column 4–10: Administrative units
- 4 Astrakhan District (centre is Astrakhan)
- 5 Volgograd District (Volgograd)
- 6 Saratov District (Saratov)
- 7 Samara District (Samara)
- 8 Uljanovsk District (Uljanovsk)
- 9 Bashkiria (Ufa)
- 10 Uralsk District (Uralsk)
- \+ species is present
- species not found during period of this study
- ? species is known from old or doubtful data
- o type locality

Column 11: Flight periods
IV–XI – months
b, m, e – beginning, middle, end of month
W – hibernating or winter diapause
1 (2) G – species develops 1 (2) generation(s)

Column 12: Comments and larval foodplants
L larval foodplants, * indicating original data
TL type locality
E E. EVERSMANN

N	Species	EVERSMANN	ASTRAKHAN	VOLGOGRAD	SARATOV	SAMARA	ULJANOVSK	BASHKIRIA	URALSK	Flight period	Comments
1	2	3	4	5	6	7	8	9	10	11	12
	Noctuidae										
	Herminiinae										
1.	*Idia calvaria* ([DENIS & SCHIFFERMÜLLER], 1775)								–	VI–VIII in 2 G	Mixed and deciduous forests.
2.	*Simplicia rectalis* (EVERSMANN, 1842)										TL: Orenburg. No fresh material at our disposal.
3.	*Trisateles emortualis* (DENIS & SCHIFFERMÜLLER, 1775)									VI–VII in 1 G	Rare and local in humid forests and on *Sphagnum* bogs.
4.	*Herminia tarsicrinalis* (KNOCH, 1782)									VI–VII in 1 G	Local but not rare in light deciduous forests. L: *Rubus**.
5.	*Herminia grisealis* ([DENIS & SCHIFFERMÜLLER], 1775) (= *nemoralis* FABRICIUS, 1775)	+			+	+	+	+	–	VI–VII in 1 G	Local in humid deciduous forests.
6.	*Polypogon strigilata* (LINNAEUS, 1758)									VI–VII in 1 G	Was cited by E. as *Barbalis*. Common species in forests and parks.
7	*Polypogon lunalis* (SCOPOLI, 1763)	+	+	+	+	+				mV–bVIII in 2 G	Was cited by E. as *Tarsiplumalis*. Common nemoral species.
8.	*Polypogon tarsipennalis* (TREITSCHKE, 1835)								–	V–IX in 2 G	Not rare in mixed and deciduous forests.
9.	*Polypogon tentacularia* (LINNAEUS, 1758)									VI–VII in 1 G	Was cited by E. as *Tentaculalis*. Not rare in forests and parks.
10.	*Paracolax derivalis* (HÜBNER, 1796)								+	VI–VIII in 2 G	Mixed and deciduous forests.

1	2	3	4	5	6	7	8	9	10	11	12
11.	*Macrochilo cribrumalis* (HÜBNER, 1793)				+		+			VII in 1 G	Rare and very local in steppes.
	Rivulinae										
12.	*Rivula sericealis* (SCOPOLI, 1763)				+	+	+	+	+	bVI–mIX in 2–3 G	Everywhere very common.
13.	*Parascotia fuliginaria* (LINNAEUS, 1761)								–	eVI–VII in 1 G	Not rare in forests.
14.	*Colobochyla salicalis* (DENIS & SCHIFFERMÜLLER, 1775)								–	VI–bVII in 1 G	Rare and local in forests, especially near the water.
	Hypeninae										
15.	*Rhynchodontodes ravulalis* (STAUDINGER, 1877)								+	eVII–VIII in 1 G	TL: Sarepta.
16.	*Rhynchodontodes ravalis* (HERRICH-SCHÄFFER, 1851)								+	V in ?1 G	TL: Sarepta.
17.	*Hypena crassalis* (FABRICIUS, 1787)								–	b–mVI	Local in mixed and defolious forests near the water and on *Sphagnum* bogs.
18.	*Hypena proboscidalis* (LINNAEUS, 1758)				+	+	+	+	–	VI–W–V in 2 G	Common species, more typical for deciduous forests and meadows.
19.	*Hypena rostralis* (LINNAEUS, 1758)				+	+	+	+	+	eIV–bX in 2 G	Common everywhere, moths hibernate.
20.	*Hypena obesalis* (TREITSCHKE, 1829)							+	–	VIII–V in 1 G	Rare in forests.
	Hypenodinae										
21.	*Schrankia taenialis* (HÜBNER, 1809)								–	VII in 1 G	Very rare in mixed forests.
22.	*Hypenodes turfosalis* (Wocke, 1850)								–	b–mVII in 1 G	Rare and local in humid forests on *Sphagnum* bogs.
	Catocalinae										
23.	*Phytometra viridaria* (CLERCK, 1759)				+	+	+	+	–	eV–eVII in 1 G	Not rare in chalk and sandy steppes.
24.	*Calyptra thalictri* (BORKHAUSEN, 1790)					+	+	+	+	VI–VII in 1 G	Everywhere but rare. More typical for deciduous forest biotopes.
25.	*Catocala deducta* EVERSMANN, 1843								?	?	The species was described by E. from Altai and was cited by STAUDINGER & REBEL (1901) as a species possible for the region.
26.	*Catocala sponsa* (LINNAEUS, 1767)								+	VI–mIX in 1 G	Light oak-forests, there it is sometimes a very common species. L: *Quercus robur**.

1	2	3	4	5	6	7	8	9	10	11	12
27.	*Catocala fraxini* (Linnaeus, 1758)	+			+	+	+	+	+	VIII–bX in 1 G	Everywhere with oak, not rare. L: *Quercus robur*, Tilia cordata**
28.	*Catocala nupta* (Linnaeus, 1767)				+	+	+	+	+	eVII–bX in 1 G	Everywhere, sometimes very common in cities. L: *Salix, Populus.*
29.	*Catocala neonympha* (Esper, [1805])									VII–VIII in 1 G	TL: Sarepta. Very rare in stepped biotopes. L: *Glycyrrhisa glabra.*
30.	*Catocala elocata* (Esper, [1787])								+	eVII–IX in 1 G	Rare species in poplar valley forests.
31.	*Catocala puerpera* (Giorna, 1791)								+	VIII–IX in 1 G	Comparatively rare in valley forests and in towns.
32.	*Catocala promissa* (Denis & Schiffermüller, 1775)	+							?	eVII–VIII in 1 G	Light oak-forests, rare. L: *Quercus**
33.	*Catocala electa* (Vieweg, 1790)								–	mVII–VIII in 1 G	Humid deciduous forests. From Saratov mentioned by Kumakov & Korshunov (1979).
34.	*Catocala lupina* (Herrich-Schäffer, 1851)										TL: Sarepta. No material at our disposal.
35.	*Catocala pacta* (Linnaeus, 1758)								+	eVI–bIX in 1 G	Rare and local in parks and deciduous light forests. L: *Salix* spp.
36.	*Catocala conversa* (Esper, 1787)								?	VIII in 1 G	Cited by E. as *Agamas.*
37.	*Catocala hymenaea* (Denis & Schiffermüller, 1775)									VII–VIII in 1 G	Forest steppes and oak-forests grown on the chalks, very rare. L: *Prunus.*
38.	*Catocala fulminea* (Scopoli, 1763)				+	+	+	+	+	eVI–bIX in 1 G	Not common in deciduous forests and forest steppes. L: *Quercus robur*.*
	Catocala optata (Godart, 1826)										this species was mentioned by E. but faulty because it is native only in the W. Mediterranean area.
39.	*Minucia lunaris* (Denis & Schiffermüller, 1775)									mV–VI in 1 G	Comparatively rare in oak-forests and parks.
40.	*Clytie illunaris* (Hübner, 1813)								?	VI	Rare in semidesert and steppe biotopes.
41.	*Clytie syriaca* (Bugnion, 1837)								–	eV–VIII in 2 G	Common, but more typical for the *Tamarix*-bushes.
42.	*Clytie delunaris* (Staudinger, 1889)									m–eVI in 1 G	The species was listed from the Astrakhan region by Lvovsky (1971).
43.	*Dysgonia rogenhoferi* (Bohatsch, 1880)								–	bVIII in ?1 G	The species was listed from the Astrakhan region by Lvovsky (1971).
44.	*Disgonia algira* (Linnaeus, 1767)									VII–mVIII in 1 G	Very rare, probably as a migrant.
45.	*Prodotis stolida* (Fabricius, 1775)									?	Rare in semidesert biotopes.
46.	*Anumeta henkei* Staudinger, 1877										TL: Sarepta, Astrakhan.

1	2	3	4	5	6	7	8	9	10	11	12
47	*Anumeta cestis* (MENETRIES, 1848)		+					o	+	eVI in ?1 G	TL: Bashkiria. As ssp. *punctata* MENETRIES was noted from Urda.
48.	*Anumeta fractistrigata* (ALPHERAKY, 1882)								–	eVI in ?1 G	The species was listed from the Astrakhan region by LVOVSKY (1971).
49.	*Drasteria cailino* (LEFEBVRE, 1827)								–	eVI–VII in 1 G	Was mentioned by E. as *Caolino*. L: *Salix*.
50.	*Drasteria picta* (CHRISTOPH, 1877)									VII–mVIII in 1 G	Was listed from Sarepta by STAUDINGER (1879). Local in steppes.
51.	*Drasteria tenera* (STAUDINGER, 1877)				?						Was noted from Saratov by KUMAKOV & KORSHUNOV (1979).
52.	*Drasteria flexuosa* (MENETRIES, 1848)								?	VI	Rare on saline lands and semideserts.
53.	*Drasteria caucasica* (KOLENATI, 1846)								?	eVI–mVIII in 1 G	Rare in semidesert biotopes.
54.	*Armada panaceorum* (MENETRIES, 1848)			?							Was listed from Sarepta by STAUDINGER & REBEL (1901).
55.	*Lygephila lusoria* (LINNAEUS, 1758)								+	VI in 1 G	Rare and local in forest-steppes.
56.	*Lygephila lubrica* (FREYER, 1846)								+	VII in 1 G	From Ural Valley noted by AJBASOV (1974).
57	*Lygephila ludicra* (HÜBNER, 1790)								+	eVI–mVII in 1 G	Local in stepped places.
58.	*Lygephila pastinum* (TREITSCHKE, 1826)								–	V–VI in 1 G	Comparatively rare and local on the clearings of deciduous forests.
59.	*Lygephila viciae* (HÜBNER, 1822)								–	V–bVIII in 1 G	A rare species in humid mixed forests.
60.	*Lygephila craccae* (DENIS & SCHIFFERMÜLLER, 1775) (= *grisea* WARREN, 1913)					+	+	+	+	VI–VII; VIII in 2 G	Nemoral species. TL for *grisea* WARREN is Uralsk. L: *Vicia craccae**.
61.	*Autophila dilucida* (HÜBNER, 1808)								–	VII–VIII in 1 G	Was noted by E. as. *Delucida*. Forest-steppes.
62.	*Autophila sinuata* (FISCHER DE WALDHEIM, 1828)	–									TL: Sarepta.
63.	*Catephia alchymista* (DENIS & SCHIFFERMÜLLER, 1775)			+	+	+	+	+	+	VI–VII in 1 G	Nemoral species. Was noted by E. as *Alchemista*.
64.	*Aedia funesta* (ESPER, [1786])				+	+	+	+	–	VI–bIX in 1–?2 G	Not a rare species in parks and forests.
65.	*Aedia leucomelas* (LINNAEUS, 1758)									?	No material at our disposal.
66.	*Acantholipes regularis* (HÜBNER, 1813)	+	+	+	?				+	eVI	Local on dry meadows.
67	*Tyta luctuosa* (DENIS & SCHIFFERMÜLLER, 1775)	+	+	+	+	+	+	+	+	V–VIII in 2 G	Not rare in steppes and stepped biotopes.

1	2	3	4	5	6	7	8	9	10	11	12
68.	*Callistege mi* (Clerck, 1759)	+	+	+	+	+	+	+	+	V–mIX in 2 G	Everywhere but more common in steppe biotopes, steppe meadows and forests glades.
69.	*Euclidia glyphica* (Linnaeus, 1758)			+	+	+	+	+	+	V–VI; eVII–VIII in 2 G	Common in steppes and on dry meadows.
70.	*Gonospileia triquetra* (Denis & Schiffermüller, 1775)								+	V–VI; VII–VIII in 2 G	Not rare but local in chalk- and salt-steppes.
71.	*Gonospileia minuta* (Hübner, 1813)			?					–	?	From Sarepta noted by Staudinger & Rebel (1901).
72.	*Laspeyria flexula* (Denis & Schiffermüller, 1775)								–	24.VII	Was cited by E. as *Ennomos Flexularia*. Very rare. It is known only from 1 ♂ collected in the Zhiguli preserve in 1990 (S. Sachkov).
73.	*Pericyma albidentaria* (Freyer, 1842)								–	mVI in 1 G	Semidesert and stepped biotopes.
74.	*Arytrura musculus* (Menetries, 1859)								?	?	Mixed and deciduous forests.
75.	*Caenurgia fortalitium* (Tauscher, 1809)						+	+	+	eVI–VII in 1 G	Common in chalk-steppes. TL: Waskuntschatskoi.
	Euteliinae										
76.	*Eutelia adulatrix* (Hübner, 1813)								–	VI in 1 G	Very rare and local in stepped biotopes.
	Sarrothripinae										
77.	*Nycteola revayana* (Scopoli, 1772)								+	bV; VII; VIII–W–V in ?2 G	Comparatively rare, mainly in forest steppe biotopes.
78.	*Nycteola asiatica* Krulikovsky, 1904								–	VII in 1 G	Rare and local in dry mixed forests.
79.	*Nycteola degenerana* (Hübner, 1799)									eIV in 1 G	Not rare but very local in humid deciduous forests.
79a	*Nycteola siculana* (Fuchs, 1899)									27.–30.VI. 1997	This species is reported for the first time from Russia: Uljanovsk region, 160 km S of Uljanovsk, vic. Vjazovka (V. Isajeva leg.). *Acer*-forest on salt-steppe hill along the Volga river.
	Chloephorinae										
80.	*Earias clorana* (Linnaeus, 1761)				+	+	+	+	+	VI; VIII in 2 G	Nemoral species, typical also for river valleys.
81.	*Earias vernana* (Fabricius, 1787)								?	eVI in 1 G	Very rare in steppe zone near rivers valleys.

1	2	3	4	5	6	7	8	9	10	11	12
82.	*Bena prasinana* (Linnaeus, 1758)	+			+	+	+	+	+	V–VI; VII–VIII in 2 G	Was cited by E. as *Quercana*. Rare in mixed and deciduous forests, mainly in humid ones. L: *Quercus robur**.
83.	*Pseudoips fagana* (Fabricius, 1781)								–	VI in 1 G	Rare in light deciduous forests.
	Pantheinae										
84.	*Panthea coenobita* (Esper, 1785)									28.VI. 1963	The single ♂ was found on a clearing of pine forest.
85.	*Colocasia coryli* (Linnaeus, 1758)				+	+	+	+	+	bIV–bV; mVI–VII in 2 G	Everywhere in oak-forests. L: *Quercus robur**, *Betula pendula**, *Corylus avellana**.
	Acronictinae										
86.	*Oxicesta geographica* (Fabricius, 1787)								+	eV–eVII in 2 G	Common steppous species. L: *Euphorbia**.
87.	*Eogena contaminei* (Eversmann, 1847) (= *bombycina* Menetries, 1848)							+	+	eIV–V in 1 G	Saline lands. TL for *contaminei* is Sarepta and for *bombycina* is Bashkiria. L: *Statices gmelini**.
88.	*Moma alpium* (Osbeck, 1778)				+	+	+	+	+	VI–VIII in 1 G	Was cited by E. as *Orion*. Rare (or not common) and local in deciduous forests and parks.
89.	*Acronicta alni* (Linnaeus, 1767)									V–VI in 1 G	Deciduous forests along rivers. L: *Tilia**, *Alnus**, *Corylus**.
90.	*Acronicta cuspis* (Hübner, 1813)								+	VI–VII in 1 G	Deciduous forests along rivers. L: *Alnus*.
91.	*Acronicta tridens* (Denis & Schiffermüller, 1775)	+	+						+	eV–bVIII in 1–2 G	Common in parks and orchards. L: *Malus**, *Ulmus**, *Cotoneaster**.
92.	*Acronicta psi* (Linnaeus, 1758)			+	+	+	+	+	+	VI–mVIII in 2 G	Everywhere common. L: *Malus**, *Cotoneaster**, *Salix**.
93.	*Acronicta aceris* (Linnaeus, 1758)	+	+	+	+	+	+	+	+	V–VIII in 2 G	Not rare in forests and parks. L: *Salix**, *Malus**, *Acer negundo**
94.	*Acronicta leporina* (Linnaeus, 1758).			+	+	+	+	+	+	eIV–VI in 1 G	Not common everywhere. L: *Salix**, *Betula pendula**, *Populus balsamifera**
95.	*Acronicta megacephala* (Denis & Schiffermüller, 1775)	+	+	+	+	+	+	+	+	V–bIX in 2 G	Common everywhere. L: *Populus balsamifera**, *P. nigra**.
96.	*Acronicta strigosa* (Denis & Schiffermüller, 1775)				+	+	+	+	–	VI–bVII; VIII in 2G	Rare in deciduous and mixed forests and parks.
97.	*Acronicta menyanthidis* (Vieweg, [1789])								+	?	Rare and local in steppes.
98.	*Acronicta auricoma* (Denis & Schiffermüller, 1775)				?	+	+		+	eIV–VIII in 2 G	Common everywhere. L: *Betula**, *Populus**, *Salix**, *Rumex confertus**

1	2	3	4	5	6	7	8	9	10	11	12
99.	*Acronicta euphorbiae* (Denis & Schiffermüller, 1775)				+	+	+		+	eVI–VIII in 2 G	Local in steppes. Was noted by E. as *Euphrasiae*. L: *Euphorbia virgata**
100.	*Acronicta cinerea* (Hufnagel, 1766) (= *absconditа* Treitschke, 1825)								+	VII in 1 G	Rare and local in steppes and stepped biotopes. L: *Euphorbia*, Verbascum lychnitis**.
101.	*Acronicta rumicis* (Linnaeus, 1758)	+	+	+	+	+	+	+	+	V–IX in 2–3 G	Very commom in different biotopes. L: *Euphorbia virgata*, Rumex confertus*, Agrimonia eupatoria*, Cyclachena xanthiifolia*, Artemisia vulgaris*, Melilotis albus*, Rubus caesius*, Origanum vulgare*, Polygonum* spp.**, Malus domesticus*, Salix* spp.**, Populus nigra*, P. balsamifera**.
102.	*Craniophora ligustri* (Denis & Schiffermüller, 1775)									m–eVII	Rare and local in *Syringa*-plantations. L: *Syringa*.
103.	*Simyra nervosa* (Denis & Schiffermüller, 1775) (= *torosa* Guenee, 1852)						+	+	+	eVI–bVII in 1 G	TL for *torosa* Guenee is Sarepta. L: *Euphorbia**.
104.	*Simyra albovenosa* (Goeze, 1781)								+	mVI–bVII in 1 G	Steppes of various types. Was noted by E. as *Venosa*. L: *Euphorbia**.
105.	*Simyra dentinosa* Freyer, 1839 (= *leucaspis* Fischer de Waldheim, 1839)						+	+	+	eVI–bVII in 1 G	Local in chalk steppes. TL for *leucaspis* Fischer de Waldheim: Volga. L: *Euphorbia**.
106.	*Cryphia strigula* (Borkhausen, 1792)									VII–VIII in 1 G	Rare in forest-steppes.
107.	*Cryphia algae* (Fabricius, 1775)										No material at our disposal.
108.	*Cryphia fraudatricula* (Hübner, 1803)				?	+	+	+	–	VI–bVII in 1 G	Comparatively rare in forests.
109.	*Cryphia raptricula* (Denis & Schiffermüller, 1775)				?					?	Was cited by E. as *Pallida*. Noted from Saratov District by Möschler (1854).
110.	*Cryphia domestica* (Hufnagel, 1766)				?						No fresh material at our disposal.
111.	*Cryphia dactylophora* (Fischer de Waldheim, 1840)										TL: Volga, probably Sarepta. No material at our disposal.
112.	*Oederemia umovii* (Eversmann, 1846)									mVI–bVII in 1 G	Common but very local in old humid deciduous forests. TL: Simbirsk prov.; var. *colorata* Krulikovsky was described from Ural.
	Acontiinae										
113.	*Emmelia trabealis* (Scopoli, 1763)				+	+	+	+	+	V–bIX in 2 G	Was cited by E. as *Sulphurea*. Common on meadows, glades and in steppes.

1	2	3	4	5	6	7	8	9	10	11	12
114.	*Acontia lucida* (HUFNAGEL, 1766)	+	+		+	+	+	+	+	V–VI; VII–VIII in 2 G	Not rare in steppe biotopes. Was noted by E. as *Solaris*.
115.	*Acontia urania* FRIVALDSKY, 1835								–	eVI–VII in 1 G	Very rare in steppes. L: *Althaea*.
116.	*Acontia titania* (ESPER, [1798])				+	+	+	+	+	VI in 1 G	Local but not rare in chalk steppes.
117.	*Acontia melanura* (TAUSCHER, 1809)								–	?	TL: Sarepta. No fresh material at our disposal. Probably a synonym of *lucida* HUFNAGEL.
118.	*Phyllophila obliterata* RAMBUR, 1833 (= *recta* EVERSMANN, 1844)								+	eVI–VII in 1 G	Not rare for steppe biotopes. Was listed by E. as *Recta* Ev. with TL: Ural.
119.	*Deltote bankiana* (FABRICIUS, 1775)				+	+	+	+	+	eV–mVII in 1 G	Common everywhere. Was cited by E. as *Argentula*.
120.	*Deltote uncula* (CLERCK, 1759)								+	mV–bVI in 1 G	Was cited by E. as *Unca*. Steppe biotopes and on *Sphagnum* bogs.
121.	*Pseudeustrotia candidula* (DENIS & SCHIFFERMÜLLER, 1775)	+			+	+	+	+	+	VI–VII; VIII in 2G	Common everywhere.
122.	*Odice arcuinna* (HÜBNER, 1790)							+	+	eV–bVII in 1 G	Was cited by E. as *Argyllacea* Ev. TL for *argillacea* TAUSCHER, 1809, is Sarepta. Very rare on chalk and sandy hills along the Volga river. L: *Onosma*.
123.	*Calymma communimacula* (DENIS & SCHIFFERMÜLLER, 1775)								–	VI–VII in 1 G	Was cited from Saratov by KUMAKOV & KORSHUNOV (1979) as a migrant.
124.	*Eublemma minutata* (FABRICIUS, 1794) (= *noctualis* HÜBNER, 1796)								+	mV–VII in 1 G	Was cited by E. as *Paula*. Rare in chalk and sandy steppes.
125.	*Eublemma ostrina* (HÜBNER, 1808)		?						+	VI–VII in 1 G	Local in chalk and sandy steppes.
126.	*Eublemma porphyrinia* (FREYER, 1845)										TL for *porphyrinia* is Urals. We follow FIBIGER & HACKER (1991) and consider *porphyrinia* as a bona species in spite of POOLE (1989) who synonymized it *with E. ostrina* HBN.
127.	*Eublemma parva* (HÜBNER, 1808)				?				+	VI–VII in 1 G	From Sarepta listed by BECKER (1854). Dry steppe biotopes.
128.	*Eublemma amasina* (EVERSMANN, 1842)								?	?	TL: Orenburg. Was noted by E. as *Inamomea*. No fresh material at our disposal.
129.	*Eublemma panonica* (FREYER, 1840)								+	VI in 1 G	Was listed by E. as *Lenis* with TL: Sarepta. Forest-steppes.
130.	*Eublemma rosina* (HÜBNER, 1803) (= *rosea* HÜBNER, 1790)									mVI–bVIII in 1 G	Not rare in steppes of various types.

1	2	3	4	5	6	7	8	9	10	11	12
131.	*Eublemma candidana* (Fabricius, 1794)	+							+	?	Was cited by E. as *Minuta*.
132.	*Eublemma respersa* (Hübner, 1790)								–	eV; VII–mVIII in 2 G	Rare and local in sandy steppes. Was noted by E. as *Amoena*.
133.	*Eublemma purpurina* (Denis & Schiffermüller, 1775)		?						+	bV; VII–VIII in 2 G	Local but not rare in sandy and chalk steppes. From Sarepta noted by Staudinger & Rebel (1901) as *secunda* Staudinger.
134.	*Eublemma parallela* (Freyer, 1842)								–	VI in 1 G	TL: Sarepta. Sandy steppes.
135.	*Eublemma pallidula* (Herrich-Schäffer, 1856)								+	?	Rare in sandy steppes.
136.	*Eublemma pusilla* (Eversmann, 1837) (= *concinnula* Boisduval, 1840; = *proxima* ?)						+	+	+	V–VI in 1 G	TL for *proxima* is Volga; for *pusilla* Orenburg. Local in steppes.
137.	*Eublemma squalida* (Staudinger, 1878) (= *griseola* Christoph, 1874)										Was noted from Kaztalovka by Ajbasov (1974).
138.	*Eublemma polygramma* (Duponchel, 1842)								+	eV–VI; VIII in 2 G	Was cited by E. as *Argillacea* Eversmann, 1844 with TL: Urals. Local in steppes of various types.
139.	*Lithacodia pygarga* (Hufnagel, 1766)									VI–VII in 1 G	Everywhere common. Was cited by E. as *Fuscula*.
140.	*Lithacodia deceptoria* (Scopoli, 1763)									VI–VII in 1 G	Everywhere common but more typical for steppe biotopes. Was listed by E. as *Atratula*.
	Plusiinae										
141.	*Euchalcia variabilis* (Piller, 1783) (= *uralensis* Eversmann, 1842)									VI–VII in 1 G	Was cited by E. as *Illustris* and *Illustris* var. *Uralensis* (TL: Urals, Kazan).
142.	*Euchalcia modestoides* Poole, 1989 (= *modesta* Hübner, 1786, praeocc.)									VI–VII in 1 G	Rare in humid deciduous forests. Was noted by E. as *Modesta*.
143.	*Euchalcia biezankoi* (Alberti, 1965)										TL: Sarepta, Ural. No fresh material at our disposal.
144.	*Euchalcia siderifera* (Nordman in Eversmann, 1856) (= *beckeri* Staudinger, 1861)			o	?					VII in 1 G	TL for *beckeri* is Sarepta.
145.	*Euchalcia consona* (Fabricius, 1787)								?	eV–VI; VII–VIII in 2 G	Not rare in forest steppe biotopes.
146.	*Euchalcia bellieri* (Kirby, 1900)								?	?	*Bellieri* is a replacement name for *uralensis* Bellier, 1859. No material in our depositions.

1	2	3	4	5	6	7	8	9	10	11	12
147.	*Polychrysia moneta* (Fabricius, 1787)	+			+		+			bV–mVII in 2 G	Rare in urbanized landscapes with cultural *Delphinium*. L: *Delphinium**.
148.	*Lamprotes c-aureum* (Knoch, 1781)				+	+	+	+	+	V–VIII in 1–2 G	Was cited by E. as *Concha*. Local in humid mixed and deciduous forests.
149.	*Panchrysia deaurata* (Esper, 1787).				?				?	V–VI in 1 G	Was noted by E. as *Deaureata*. Rare in forest steppe biotopes.
150.	*Diachrysia chrysitis* (Linnaeus, 1758)	+	+	+	+	+	+	+	+	V–VI; VIII–IX in 2 G	Common for different biotopes species. L: *Stellaria media*, Urtica dioica**.
151.	*Diachrysia tutti* (Kostrowicki, 1961)									VI–VII in 1 G	Together with the previous species but rarer.
152.	*Diachrysia zosimi* (Hübner, 1822)									eV; mVII–VIII in 2 G	Not common in the delta of Volga.
153.	*Diachrysia chryson* (Esper, 1789)							?		?	Was noted from Bashkiria by Grosser (1987).
154.	*Macdunnoughia confusa* (Stephens, 1850)				+	+	+	+	+	V–bX in 2–3 G	Eurybiont. Common.
155.	*Plusia festucae* (Linnaeus, 1758)								+	VII–VIII in 1 G	Not rare but local, more typical for steppe biotopes and dry meadows.
156.	*Autographa gamma* (Linnaeus, 1758)				+	+	+	+	+	V–bX in 2–3 G	Eurybiont, known also as a migrant. L: *Petunia*, Basilicum*, Pisum sativum**.
157.	*Autographa jota* (Linnaeus, 1758)									VII in 1 G	Rare and very local. Was cited by E. as *Iota*.
158.	*Autographa bractea* (Denis & Schiffermüller, 1775)					?	+			VII–VIII in 1 G	Rare and local in old and humid deciduous forests. L: *Hieracium**.
159.	*Autographa macrogamma* (Eversmann, 1842)										TL: Ural, Bashkiria.
160.	*Autographa pulchrina* (Haworth, 1809)									VII in 1 G	Very rare in forest steppe biotopes.
161.	*Autographa excelsa* (Kretschmar, 1862)					?	+		–	VI–mVIII in 1 G	Not common and local in mixed and deciduous forests. From Samara Reg. cited by Krulikovsky (1915).
162.	*Autographa mandarina* (Freyer, 1845)								?	?	TL: Urals. No material at our disposal.
163.	*Plusidia cheiranthi* (Tauscher, 1809) (= *eygenia* Eversmann, 1841)							+	+	VII in 1 G	TL: Waskuntschatskoi. Described as *Eugenia* by E. from the Urals.
164.	*Syngrapha interrogationis* (Linnaeus, 1758)	+								VII in ?1 G	A single specimen from the city of Uljanovsk.
165.	*Syngrapha circumflexa* (Linnaeus, 1758)								–	?	No material at our disposal.

1	2	3	4	5	6	7	8	9	10	11	12
166.	*Trichoplusia ni* (Hübner, 1803)		+		+				?	VI–VII in 1 G	Rare and local on meadows and clearings of mixed forests.
167	*Trichoplusia orichalcea* (Fabricius, 1775)										No material at our disposal.
168.	*Abrostola triplasia* (Linnaeus, 1758)								?	mV–bIX in 2 G	Not rare in mixed and deciduous forests and parks. L: *Urtica dioica**.
169.	*Abrostola asclepiadis* (Denis & Schiffermüller, 1775)								–	VI in 1 G	Comparatively rare in forest steppe biotopes.
170.	*Abrostola trigemina* (Werneburg, 1864)								–	V–VI; VII–VIII in 2 G	Not rare in mixed forests with strong anthropogenic pressure. Was cited by E. as *?Urticae*.
	Cucullinae										
171.	*Cucullia argentina* (Fabricius, 1787) (= *achalina* Püngeler, 1900)								+	eV–VI in 1 G	Very rare in forest steppe and steppe biotopes.
172.	*Cucullia scopula* Fischer de Waldheim, 1839 (= *magnifica* Freyer, 1839)								+	eVII–bVIII in 1 G	Rare and very local in chalk and sandy steppes. TL: Sarepta. Also described as *magnifica* Freyer from Sarepta.
173.	*Cucullia splendida* (Stoll, 1782)										Was cited by E. as *Argyrea* with TL: Sarepta.
174.	*Cucullia fraudatrix* Eversmann, 1837				+	+	+	+	+	V–VIII in 2 G	Not rare all over the region. TL: Orenburg. L: *Artemisia absinthium**.
175.	*Cucullia lucifuga* (Denis & Schiffermüller, 1775)							+	–	VII–VIII in 1 G	Rare in forest steppe biotopes.
176.	*Cucullia absinthii* (Linnaeus, 1761)								+	VI–VIII in 1 G	Everywhere but more typical for steppe biotopes. L: *Artemisia absinthium**.
177.	*Cucullia argentea* (Hufnagel, 1766)								+	VII in 1 G	Local and rare in sandy steppes.
178.	*Cucullia spectabilisoides* Poole, 1989 (= *spectabilis* Hübner, 1813)			+	?	?			+	?	Was noted by E. as *Spectabilis*. Was cited from Sarepta by Becker (1854).
179.	*Cucullia artemisiae* (Hufnagel, 1766)				+	+	+	+	?	mVI–VII in 1 G	Was cited by E. as *Abrotani*. Common in meadows and stepped biotopes. L: *Artemisia vulgaris**.
180.	*Cucullia lactea* (Fabricius, 1787)			?	?				?	eVI in 1 G	Not rare but local in steppes. Was noted from Sarepta and Saratov by Becker (1854).
181.	*Cucullia fraterna* Butler, 1878								–	VI–mVII in 1 G	Rare in sandy and chalk steppes.
182.	*Cucullia mixta* Freyer, 1842 (= *consors* Eversmann, 1846)								+	?	TL for *consors* Ev. is Simbirsk prov.

1	2	3	4	5	6	7	8	9	10	11	12
183.	*Cucullia inderiensis* Herrich-Schäffer, 1855								o	?	TL: Indersk.
184.	*Cucullia praecana* Eversmann, 1843								o	eV–VI in 1 G	TL: Urals. Very rare in sandy steppes.
185.	*Cucullia boryphora* Fischer de Waldheim, 1840									eV–bVI in ?1 G	TL: Volga. Was noted by E. as *Poryphora*. Very local and very rare in salt-steppes. L: *Artemisia lerchiana**
186.	*Cucullia propinqua* Eversmann, 1842								?	?	TL: W.Urals. No fresh material at our disposal.
187	*Cucullia cineracea* Freyer, 1842								+	?	Was noted by E. as *mixta* Eversmann, 1844, nec Freyer, 1842.
188.	*Cucullia xeranthemi* Boisduval, 1840								?	VII in 1 G	Rare and local in forest steppe biotopes. L: *Aster**
189.	*Cucullia lactucae* (Denis & Schiffermüller, 1775) (= *pustulata* Eversmann, 1842)								+	V–VI in 1 G	Not rare everywhere. Was noted by E. also as *Pustulata* Eversmann, 1842 (TL: Uralsk & Kazan). L: *Lactuca tatarica*, L. serrida*, Sonchus oleraceus**.
190.	*Cucullia umbratica* (Linnaeus, 1758)		+	+	+	+	+		+	V–VII; VIII in 2 G	Not rare in stepped biotopes.
191.	*Cucullia biornata* Fischer von Waldheim, 1840								+	VII–bVIII in 1 G	Local in steppes, parks and dry glades. TL: Sarepta.
192.	*Cucullia lychnitis* Rambur, 1833						+	+	?	V–VII in 1 G	Not rare in dry, especially steppous or steppe biotopes. L: *Verbascum lychnitis**.
193.	*Cucullia balsamitae* Boisduval, 1840										Was listed from Saratov distr. by Becker (1854).
194.	*Cucullia clarior* Fuchs, 1904								–	?	TL: Sarepta. No fresh material at our disposal.
195.	*Cucullia fuchsiana* Eversmann, 1842								?	?	TL: Orenburg. No fresh material at our disposal.
196.	*Cucullia campanulae* Freyer, 1831								–	VIII in 1 G	Not rare in forests. L: *Campanula*.
197.	*Cucullia chamomillae* (Denis & Schiffermüller, 1775)								–	V–VI in 1 G	Not rare in forest steppe biotopes.
198.	*Cucullia santonici* (Hübner, 1813)								+	mVI–VIII in 1 G	Very rare in sandy steppes. L: *Artemisia absinthium**
199.	*Cucullia gnaphalii* (Hübner, 1813)									VII in 1 G	From Saratov Distr. listed by Kumakov & Korshunov (1979).
200.	*Cucullia tanaceti* (Denis & Schiffermüller, 1775)								+	VI–VII in 1 G	Local in forest steppe biotopes. L: *Achillea**
201.	*Cucullia dracunculi* (Hübner, 1813)								?	VII in 1 G	Local steppe species. Was cited by E. as *Incana* Eversmann, 1842 (TL: Urals, Orenburg, Sarepta, Volga).

1	2	3	4	5	6	7	8	9	10	11	12
202.	*Cucullia asteris* (Denis & Schiffermüller, 1775)	+			+		+			VI in 1 G	Rare and local in parks, orchards and forest clearings. L: *Aster**.
203.	*Cucullia blattariae* (Esper, 1790)									VI–VII in 1 G	Rare in humid forests.
204.	*Cucullia scrophulariivora* Guenee, 1852									VI in 1 G	Rare in humid forests. L: *Verbascum**
205.	*Cucullia thapsiphaga* Treitschke, 1826					?			+	?	Local in steppes.
206.	*Cucullia verbasci* (Linnaeus, 1758)									VI in 1 G	Rare in forest steppes biotopes.
207.	*Cucullia prenanthis* Boisduval, 1840									mVI–VII in 1 G	Rare and local in light deciduous forests.
208.	*Cucullia tiefi* Tschetverikov, 1956								?	?	TL: S. Ural, Orenburg. No material at our disposal.
209.	*Calophasia lunula* (Hufnagel, 1766)				+	+	+	+	+	mV–eVI; eVII–IX in 2 G	Was noted by E. as *Linariae*. Everywhere common. L: *Silene*, Saponaria**
210.	*Calophasia opalina* (Esper, 1794) (= *casta* Borkhausen, 1793)								+	VII	Local and not common in steppes and steppe biotopes.
211.	*Omphalophana antirrhinii* (Hübner, 1803)	+							+	VI–bVII in 1 G	Rare in chalk hills. L: *Scabiosa.*
212.	*Oncocnemis confusa* (Freyer, 1842) (= *rufescens* Staudinger, 1881)								?	?	TL: Sarepta. TL for *rufescens* is Ural.
213.	*Oncocnemis senica* (Eversmann, 1857)								+	?	TL: Ural & Altai.
214.	*Oncocnemis nigricula* (Eversmann, 1847)								?	?	TL: Ural, Orenburg, Volga. Was noted from Saratov distr. by Becker (1867).
215.	*Oncocnemis campicola* Lederer, 1853									?	
216.	*Copiphana olivina* (Herrich-Schäffer, 1852)										
217.	*Amphipyra pyramidea* (Linnaeus, 1758)	+	+	+	+	+	+	+	+	VII–VIII in 1 G	Rare in parks and orchards. L: *Populus nigra*, Salix caprea*, Tilia cordata*, Syringa vulgaris**.
218.	*Amphipyra livida* (Denis & Schiffermüller, 1775)				+	+	+	+	+	VIII in 1 G	Deciduous and mixed forests. L: *Hieracium.*
219.	*Amphipyra tragopoginis* (Clerck, 1759)									mVII–VIII in 1 G	Forest-steppes and dry deciduous forests. L: *Verbascum**
220.	*Amphipyra tetra* (Fabricius, 1787)								+	VIII in 1 G	Local in light deciduous forests. L: *Hieracium.*
221.	*Amphipyra submicans* Kuznetsov, 1958 (= *molybdea* Christoph, 1867)								+	?	TL for *molybdea* is Sarepta.

1	2	3	4	5	6	7	8	9	10	11	12
222.	*Amphipyra perflua* (Fabricius, 1787)	+				+	+	+	–	VII–VIII in 1 G	Not rare in humid old deciduous forests in hollows and under fallen bark. Was noted by E. as *Molibdea*.
	Heliothinae										
223.	*Schinia cardui* (Hübner, 1790)								+	eV–bVIII in 1 G	Rare and local in chalk steppes, on saline lands and meadows.
224.	*Schinia purpurascens* (Tauscher, 1809) (= *pulchra* Eversmann, 1842)								+	VI–VII in 1 G	TL: Sarepta. Was listed by E. as *Pulchra* (TL: Orenburg). Rare in forest steppes. L: *Salvia*.
225.	*Schinia cognata* (Freyer, 1833)								–	?	No material at our disposal.
226.	*Pyrocleptria cora* (Eversmann, 1837)								?	mV–mVIII in 2 G	TL: Orenburg. Local in stepped biotopes, more typical for chalk-steppes.
227.	*Heliothis viriplaca* (Hufnagel, 1766)								+	VI–VIII in 1 G	Was noted by E. as *Dipsacea*. Not rare in different biotopes.
228.	*Heliothis peltigera* (Denis & Schiffermüller, 1775)								+	VI–VII in 1 G	Not rare in different biotopes–from saline lands to humid deciduous forests. L: *Solanum lycopersicum*, Zea**.
229.	*Heliothis nubigera* (Herrich-Schäffer, 1851)				?				+	?	From Saratov Distr. mentioned by Tokarsky & Dikson (1905).
230.	*Heliothis maritima* Graslin, 1855					+	+	+	–	eV–mVII in 1 G	Not rare in different biotopes, probably a migrant.
231.	*Heliothis ononis* (Denis & Schiffermüller, 1775)							?	–	VI in 1 G	Comparatively rare.
232.	*Helicoverpa armigera* (Hübner, 1808)								+	VIII–eIX in 1 G	Local in various biotopes. L: *Delphinium, Hyoscianum, Cannabis, Solanum lycopersicum*, Zea**.
	Helicoverpa obsoleta (Fabricius, 1793)										*Obsoleta* is a replacement name for *zea* Boddie not known so far from the Palaearctic. So all data on *obsoleta* in Russia (Lvovsky, 1971) should belong to *armigera* Hbn.
233.	*Protoschinia scutosa* (Denis & Schiffermüller, 1775)	+	+	+	+	+	+	+	+	eV–mIX in 2–3 G	Everywhere but more common in dry and steppe biotopes. L: *Artemisia**.
234.	*Pyrrhia umbra* (Hufnagel, 1766) (= *marginata* Fabricius, 1775)	+		+	+	+	+	+	+	mVI–VIII in 1 G	Was cited by E. as *Marginata*. Everywhere, more common in anthropogenic landscapes.
235.	*Periphanes delphinii* (Linnaeus, 1758)								–	mVI–mVIII in 1 G	Not rare but very local in chalk and sandy steppes. L: *Delphinium**.
236.	*Rhodocleptria incarnata* (Freyer, 1838)								+	mVII–VIII in 1 G	Rare and very local in rocky and chalk steppes. L: *Gypsophila* spp.* (*G. juzepczukii**).

1	2	3	4	5	6	7	8	9	10	11	12
237	*Aedophron rhodites* (EVERSMANN, 1851)	+	+	o	+		+		+	eV-VI in 1 G	TL: Sarepta. Very rare and very local in sandy steppes. L: *Phlomis*.
238.	*Apaustis rupicola* (DENIS & SCHIFFERMÜLLER, 1775)	–								VI in 1 G	Very rare in forest steppe biotopes. In Uljanovsk Reg. exclusively in salt-steppes.
	Ipimorphinae										
239.	*Aegle kaekeritziana* (HÜBNER, 1799) (= *flava* HÜBNER, 1809, = *sulphurifera* TAUSCHER, 1809)								–	VII in 1 G	Was listed by E. as *Flavia*. For Samara noted by KRULIKOVSKY (1915) and STSHERBINOVSKY (1919). TL for *sulphurifera* TAUSCHER is Waskuntschatskoi.
240.	*Elaphria venustula* (HÜBNER, 1790)				?	+				eV-mVII in 1 G	Comparatively common in forest steppe biotopes.
241.	*Panemeria tenebrata* (SCOPOLI, 1763)									VI in 1 G	Rare in forest steppes. L: *Cerastium*.
242.	*Epimecia ustula* (FREYER, 1835)			?					–	?	Was cited by E. as *Lurida*. this species was noted from Sarepta by STAUDINGER & REBEL (1901).
243.	*Mesotrosta signalis* (TREITSCHKE, 1829)								?	?	Was noted from Ural by STAUDINGER & REBEL (1901).
244.	*Acosmetia caliginosa* (HÜBNER, 1813)										Was cited by E. as *Anthophila caliginosa* EVM. TL for *caliginosa* var. *aquatilis* GUENEE, 1852 is "bords de l'Oural"
245.	*Caradrina morpheus* (HUFNAGEL, 1766)				+	+	+	+	+	V-VII in 1 G	Not rare in different biotopes. L: *Urtica**.
246.	*Platyperigea albina* (EVERSMANN, 1848)				+	+	+	+	o	VI-VIII in 1 G	TL: S. Ural. Local in various biotopes; more common in steppes.
247.	*Platyperigea grisea* (EVERSMANN, 1848)							?	+	mVI-VII in 1 G	TL: Ural. Rare and local in sandy steppes. Was noted from Ufa by KRULIKOVSKY (1915).
248.	*Platyperigea terrea* (FREYER, 1840)			o	+	+	+	+	+	eVI-VIII in 1 G	TL: Sarepta. Forest-steppe and steppe biotopes.
249.	*Platyperigea kadenii* (FREYER, 1836)								–	V; VII-VIII in 2 G	Rare in sandy steppes.
250.	*Paradrina selini* (BOISDUVAL, 1840)								+	eVII-VIII in 1 G	Local in light deciduous forests.
251.	*Paradrina flavirena* GUENEE, 1852					+	+	+	–	eV-mVII in 1 G	More common in places with strong anthropogenic pressure.
252.	*Paradrina clavipalpis* (SCOPOLI, 1763) (= *quadripunctata* FABRICIUS, 1775)							?	+	V-eX in 2-3 G	Anthropogenic landscapes, not rare. Was listed by E. as *Cubiculalis*. Described as *avicula* KRULIKOVSKY, 1909 from Uralsk.
253.	*Paradrina flava* (OBERTHÜR, 1876)									VIII in 1 G	TL: Sarepta. Very rare in forest steppe biotopes.
254.	*Eremodrina vicina* (STAUDINGER, 1870)								–	VIII in 1 G	TL: Sarepta. Not common in light deciduous forests. L: *Medicago*.

1	2	3	4	5	6	7	8	9	10	11	12
255.	*Eremodrina zernyi* (Boursin, 1936)			o					?		TL: Sarepta.
256.	*Eremodrina squalida* (Eversmann, 1842)										TL: Sarepta. Probably a synonym of *sabuletorum* Boisduval, 1840.
257.	*Hoplodrina octogenaria* (Goeze, 1781) (= *alsines* Brahm, 1791)				+	+	+	+	+	VI–bVIII in 1 G	Not rare in different biotopes. Was cited by E. as *Alsines*.
258.	*Hoplodrina blanda* (Denis & Schiffermüller, 1775)	+					+	+	+	VII–VIII in 1 G	Common in anthropogenic landscapes.
259.	*Hoplodrina superstes* (Ochsenheimer, 1816)								–	eVI–VII in 1 G	Local in light deciduous forests.
260.	*Hoplodrina respersa* (Denis & Schiffermüller, 1775)							+	–	eVI–VII in 1 G	Very rare on dry meadows. From Saratov Distr. listed by Kumakov & Korshunov (1979).
261.	*Hoplodrina ambigua* Denis & Schiffermüller, 1775)								–	eV–VI in 1 G	Comparatively rare in dry steppes.
262.	*Spodoptera exigua* (Hübner, 1808)								+	VII–VIII in 1 G	Waste grounds and dry meadows.
263.	*Chilodes maritima* (Tauscher, 1806)								–	VI in 1 G	Rare, known only from anthropogenic landscapes.
264.	*Chilodes distracta* (Eversmann, 1848)										This species was described from Urzhum and could be found later in the northern part of the region under consideration.
265.	*Athetis lepigone* (Möschler, 1860)								+	VIII in 1 G	TL: Sarepta. Not common in steppes.
266.	*Athetis furvula* (Hübner, 1808)									VII in 1 G	Steppes of various types and anthropogenic landscapes. Was listed by E. as *Lenta* Tr.
267.	*Athetis gluteosa* (Treitschke, 1835)								?	VII in 1 G	Local but not rare in chalk, sandy or saline steppes.
268.	*Athetis pallustris* (Hübner, 1808) (= *exilis* Eversmann, 1842)	+							?	VI in 1 G	Local and rare in chalk, sandy or saline steppes. Was cited by E. as *Palustris*. As *exilis* described from "Ural"
269.	*Rusina ferruginea* (Esper, 1785)									VI–VII in 1 G	Common in various biotopes.
270.	*Anthracia eriopoda* Herrich-Schäffer, 1851 (= *sareptae* Guenee, 1852)									VII–VIII in 1 G	TL for *sareptae* is Sarepta. Very rare in sandy steppes.
271.	*Dypterygia scabriuscula* (Linnaeus, 1758)				+	+	+	+	+	VI–VIII in 2 G	Not rare in anthropogenic landscapes.
272.	*Trachea atriplicis* (Linnaeus, 1758)				+	+	+	+	+	eV–IX in 2 G	Everywhere common. L: *Chenopodium*, Atriplex tatarica*, Rumex confertus**

1	2	3	4	5	6	7	8	9	10	11	12
273.	*Euplexia lucipara* (Linnaeus, 1758)	+			+	+	+	+	–	VI–VIII in 1 G	Rare in mixed and deciduous forests and parks. L: *Rubus idaeus**.
274.	*Phlogophora meticulosa* (Linnaeus, 1758)								–	VIII in 1 G	Rare in dry steppes.
275.	*Hyppa rectilinea* (Esper, 1788)								+	VI–VII in 1 G	Foliage forests along rivers mainly, comparatively rare. L: *Rubus idaeus**
276.	*Actinotia polyodon* (Clerck, 1759)									V–VI; mVII–VIII in 2 G	Rare in mixed forests. Was listed by E. as *Perspicillaris*.
277	*Actinotia radiosa* (Esper, 1804)									?	No material at our disposal.
278.	*Actinotia hyperici* (Denis & Schiffermüller, 1775)									V–VI; VIII in 2 G	Rare in dry steppes.
279.	*Callopistria juventina* (Stoll, 1782)								–	eVI–bVII in 1 G	Very rare and local in light birch forests with ferns.
280.	*Eucarta amethystina* (Hübner, 1803)				?					VI–VII in 1 G	Noted from Saratov district by Becker (1854).
281.	*Eucarta virgo* (Treitschke, 1835)								?	VI–VII in 1 G	Very rare in deciduous forests and forest steppes.
282.	*Ipimorpha retusa* (Linnaeus, 1761)								+	VI–VIII in 2 G	More typical for places with strong anthropogenic pressure. L: *Aristolochia**
283.	*Ipimorpha subtusa* (Denis & Schiffermüller, 1775)	+							+	VI–IX in 2–3 G	Rare in parks and anthropogenic landscapes.
284.	*Ipimorpha contusa* (Freyer, 1849)									VII in 1 G	Rare in steppes and dry places.
285.	*Enargia paleacea* (Esper, 1788)								+	mVII–IX in 1 G	Everywhere common, but more typical for deciduous forests.
286.	*Enargia abluta* (Hübner, 1808) (= *imbuta* Boisduval, 1840; = *arenaria* Bartel, 1902)								+	VI–VII in 1 G	Common in anthropogenic landscapes. TL for *arenaria* is Orenburg.
287.	*Parastichtis suspecta* (Hübner, 1817)								+	mVI–mVIII in 1 G	Common in different biotopes. L: *Populus nigra**.
288.	*Parastichtis ypsillon* (Denis & Schiffermüller, 1775) (= *orenburgensis* Bartel, 1902)				+	+	+	+	+	mVI–mVIII in 1 G	Was cited by E. as *Ypsilon*. TL for *orenburgensis* is Orenburg.
289.	*Mesogona acetosellae* (Denis & Schiffermüller, 1775)								+	?	From Saratov Distr. cited by Tokarsky & Dikson (1905).
290.	*Mesogona oxalina* (Hübner, 1803)								+	VIII in 1 G	Rare in anthropogenic landscapes.
291.	*Mycteroplus puniceago* (Boisduval, 1840)								+	VII–VIII in 1 G	Rare in steppes and in anthropogenic landscapes.

1	2	3	4	5	6	7	8	9	10	11	12
292.	*Dicycla oo* (Linnaeus, 1758)	+		+	+	+	+		+	VI–VII in 1 G	Not rare but local in mixed and deciduous forests and parks.
293.	*Cosmia diffinis* (Linnaeus, 1767)								+	mVII–VIII in 1 G	Not rare in deciduous forests and parks. L: *Populus*.
294.	*Cosmia affinis* (Linnaeus, 1767)								+	VIII in 1 G	Not common in parks and forests. L: *Populus, Quercus*.
295.	*Cosmia pyralina* (Denis & Schiffermüller, 1775)								–	V–VII in 1 G	Common in various biotopes. L: *Quercus robur**.
296.	*Cosmia trapezina* (Linnaeus, 1758)	+	+	?	+	+	+	+	+	VI–IX in 2 G	Very common in all biotopes. L: *Tilia cordata**, *Salix**, *Populus**, *Quercus robur**, *Malus**, also carnivorous on other caterpillars*.
297.	*Atethmia ambusta* (Denis & Schiffermüller, 1775)									VI in 1 G	Very rare in parks.
298.	*Xanthia icteritia* (Hufnagel, 1766)								–	eVIII–IX–W–V in 1 G	Not rare by rivers and lakes. Was noted by E. as *Cerago*. L: *Populus tremula**.
299.	*Xanthia gilvago* (Denis & Schiffermüller, 1775)								?	VII–IX in 1 G	Mixed and deciduous forests and parks.
300.	*Xanthia ocellaris* (Borkhausen, 1792)								?	IX–mX in 1 G	Not rare in mixed and deciduous forests and parks.
301.	*Xanthia togata* (Esper, 1788)								–	VIII in 1 G	Was cited by E. as *Silago*. Local in deciduous forests and parks.
302.	*Xanthia sulphurago* (Denis & Schiffermüller, 1775) (= *fulvago* Clerck, 1759)								?	VIII–IX in 1 G	Was listed by E. as *Fulvago*.
303.	*Xanthia citrago* (Linnaeus, 1758) (= *subflava* Eversmann, 1848)	+							–	mVIII–IX in 1 G	Not rare but local in forest-steppes and parks. TL for *subflava* is Volga. L: *Tilia cordata**.
304.	*Agrochola circellaris* (Hufnagel, 1766)								?	IX–X in 1 G	Was noted by E. as *Ferruginea*. Not rare but local in various biotopes.
305.	*Agrochola lota* (Clerck, 1759)								–	IX in 1 G	Local in light deciduous forests.
306.	*Agrochola helvola* (Linnaeus, 1758)									IX–X in 1 G	Was cited by E. as *Rufina*.
307.	*Agrochola litura* (Linnaeus, 1758)									IX in 1 G	Rare in steppes.
308.	*Agrochola laevis* (Hübner, 1803)								–	mVI in ?1 G	The only male specimen was collected in the eastern part of Samara Reg.
309.	*Atypha pulmonaris* (Esper, 1803)									VII in 1 G	Very rare in humid deciduous forests.
310.	*Eupsilla transversa* (Hufnagel, 1766)								+	VIII–bVII in 1 G	Common in various biotopes. Was listed by E. as *Satellitia*. L: *Malus**, *Quercus robur**.

1	2	3	4	5	6	7	8	9	10	11	12
311.	*Jodia croceago* (Denis & Schiffermüller, 1775)						?			?	There is only one old specimen (probably from the coll. of E.) with the label "Simbirsk" in ZMMSU. No fresh material at our disposal.
312.	*Conistra vaccinii* (Linnaeus, 1761)								?	IX–V in 1 G	Common in different biotopes.
313.	*Conistra veronicae* (Hübner, 1813)									X in 1 G	From Saratov Distr. cited by Kumakov & Korshunov (1979).
314.	*Conistra rubiginea* (Denis & Schiffermüller, 1775)	+							?	eIV–mV in 1 G	Not rare but local in humid deciduous and mixed forests.
315.	*Conistra erythrocephala* (Denis & Schiffermüller, 1775)								?	IV in 1 G	Local in mixed forests.
316.	*Conistra fragariae* (Vieweg, 1790)									IX–bV in 1 G	Local in light coniferous and mixed forests.
317.	*Episema glaucina* (Esper, 1789)								+	bX–?W–bV in ?1 G	Rare in coniferous forests.
318.	*Episema melanogona* (Tauscher, 1809)										TL: Sarepta.
319.	*Episema lederi* (Christoph, 1885) (= *sareptana* Alpheraky, 1897)								+	VII–VIII in 1 G	TL for *sareptana*: Sarepta. Local in forest steppes.
320.	*Leucochlaena fallax* (Staudinger, 1870)										TL: Sarepta.
321.	*Ulochlaena hirta* (Hübner, 1813)								+	IX in 1 G	Not common in light coniferous forests.
322.	*Brachionycha nubeculosa* (Esper, 1785)	+							+	IV–bV in 1 G	Not rare but local in light deciduous and mixed forests. L: *Pynus sylvestris**
323.	*Brachionycha sphinx* (Hufnagel, 1766)								+	IV in 1 G	Rare and local in coniferous forests.
324.	*Dasypolia templi* (Thunberg, 1792)										No material at our disposal.
325.	*Brachylomia viminalis* (Fabricius, 1776)							+	+	VIII in 1 G	Was noted by E. as *Saliceti*. Local in light deciduous forests.
326.	*Aporophyla lutulenta* (Denis & Schiffermüller, 1775)									VI in 1 G	Comparatively rare in coniferous forests.
327.	*Lithomoia solidaginis* (Hübner, 1803)										No material at our disposal.
328.	*Litophane socia* (Hufnagel, 1766)				+	+	+	+	+	IX–V in 1 G	Was listed by E. as *Petrificata*. Light mixed forests, parks and gardens. L: *Rosa**, *Betula pendula**.
329.	*Lithophane ornitopus* (Hufnagel, 1766)								?	eVIII–V in 1 G	Was listed by E. as *Rhizolitha*.
330.	*Lithophane consocia* (Borkhausen, 1792)								?	?	Only known from old material.

1	2	3	4	5	6	7	8	9	10	11	12
331.	*Lithophane furcifera* (HUFNAGEL, 1766)	+			+	+				IX–bVI in 1 G	Was cited by E. both as *Furcifera* and *Conformis*. Meadows.
332.	*Xylena vetusta* (HÜBNER, 1813)								+	IX–V in 1 G	Rare in mixed and deciduous parks, forests and on agricultural fields. L: *Fagopyrum*, Lens culinaris**.
333.	*Xylena exsoleta* (LINNAEUS, 1758)								–	IX–V in 1 G	Was listed by E. as *Exoleta*. Not rare together with the previous species. L: *Onobrychis*, Medicago**.
334.	*Allophyes oxyacanthae* (LINNAEUS, 1758)								+	mVIII–X in 1 G	Not common in light coniferous forests.
335.	*Dichonia aprilina* (LINNAEUS, 1758)								?	IX–X in 1 G	Local in old oak forests.
336.	*Dichonia aeruginea* (HÜBNER, 1808)								–	IX in 1 G	Rare in mixed forests.
337	*Dryobotodes monochroma* (ESPER, 1790)										From Samara noted by STSHERBINOVSKY (1919).
338.	*Dryobotodes tenebrosa* (ESPER, 1789)					?			–	?	We have only a manuscript note of this species.
339.	*Antitype chi* (LINNAEUS, 1758)								–	eVIII–IX in 1 G	Comparatively rare in deciduous forests. L: *Rumex*.
340.	*Ammoconia caecimacula* (DENIS & SCHIFFERMÜLLER, 1775)	+							+	eVIII–bX in 1 G	Rare in light deciduous forests.
341.	*Ammoconia senex* (GEYER, 1828)								–	IX in 1 G	Local in anthropogenic landscapes and parks.
342.	*Polymixis polymita* (LINNAEUS, 1761)								–	VIII in 1 G	Very rare in mixed forests.
343.	*Blepharita satura* (DENIS & SCHIFFERMÜLLER, 1775)								–	eVIII–IX in 1 G	Deciduous forests. L: *Lonicera*.
344.	*Blepharita amica* (TREITSCHKE, 1825)								–	eIX–bX in 1 G	Deciduous forests. Larva is a polyphag.
345.	*Mniotype adusta* (ESPER, 1790)								–	eVIII–IX in 1 G	Deciduous and mixed forests.
346.	*Mniotype leuconota* (HERRICH-SCHÄFFER, 1850)								–	IX in 1 G	Rare in forest steppes.
347	*Apamea monoglypha* (HUFNAGEL, 1766)			+	+	+	+	+	+	VI–VIII in 1 G	Common in various biotopes. L: Poaceae.
348.	*Apamea sublustris* (ESPER, 1788)								–	VII in ? G	Rare and local in steppous landscapes.
349.	*Apamea lateritia* (HUFNAGEL, 1766)					+	+	+	+	VI–VIII in 1 G	Common in various biotopes.
350.	*Apamea furva* (DENIS & SCHIFFERMÜLLER, 1775) (= *infernalis* EVERSMANN, 1842)								?	VII in 1 G	Rare and local in steppes. TL for *infernalis*: Orenburg, Kazan.

1	2	3	4	5	6	7	8	9	10	11	12
351.	*Apamea platinea* (Treitschke, 1825)				?					?	Was mentioned from Saratov Distr. by Sakharov (1927).
352.	*Apamea oblonga* (Haworth, 1809)								+	VII–bVIII in 1 G	Not common in forests, mainly with a strong anthropogenic pressure. L: *Triticum* *, *Secale**, *Hordeum**.
353.	*Apamea remissa* (Hübner, 1809)								+	VI–VII in 1 G	Was cited by E. both as *Remissia* and *Gemina*. Not rare in various biotopes.
354.	*Apamea crenata* (Hufnagel, 1766)					+	+	+	+	eV–mVIII in 1 G	Not common in mixed and deciduous forests, mainly those with a strong arthropogenic pressure.
355.	*Apamea leucodon* (Eversmann, 1837)								?	?	Was pointed from Saratov Distr. by Sakharov (1927).
356.	*Apamea illyria* Freyer, 1846										
357.	*Apamea anceps* (Denis & Schiffermüller, 1775)								+	VI in 1 G	Rare and local in humid deciduous forests.
358.	*Apamea sordens* (Hufnagel, 1766)	+	+	+	+	+	+	+	+	mV–VII in 1 G	Was noted by E. as *Basilinea* F. Common all over the region, especially in agricultural landscapes. L: *Triticum**
359.	*Apamea ferrago* (Eversmann, 1837)								+	VI–bVIII in 1 G	TL: Kazan. Common in forest steppe biotopes.
360.	*Apamea rubrirena* (Treitschke, 1825) (= *sylvicola* Eversmann, 1843)								?	?	Was cited by E. as *Sylvicola* with TL: Ural.
361.	*Apamea ophiogramma* (Esper, 1794)									VI in 1 G	Comparatively rare in light deciduous forests, mainly by water.
362.	*Pabulatrix pabulatricula* (Brahm, 1791)								+	VIII in 1 G	Rare in anthropogenic biotopes.
363.	*Oligia strigilis* (Linnaeus, 1758)				+	+	+	+	–	VI–bVII in 1 G	Not rare everywhere.
364.	*Oligia versicolor* (Borkhausen, 1792)									VI–VII in 1 G	Comparatively rare in deciduous forests and parks.
365.	*Oligia latruncula* (Denis & Schiffermüller, 1775)				?	+	+	+	–	VI–VII in 1 G	Everywhere common. Noted from Saratov Distr. by Becker (1862).
366.	*Mesoligia furuncula* (Denis & Schiffermüller, 1775)				+	+	+	+	+	VI–bVIII in 1 G	Everywhere but more typical for steppe biotopes.
367.	*Mesoligia literosa* (Haworth, 1809)								–	VII in 1 G	Rare and local in chalk steppes.
368.	*Mesapamea secalis* (Linnaeus, 1758)				+	+	+	+	–	VII–VIII in 1 G	Not rare everywhere.
369.	*Mesapamea didyma* (Esper, 1788)								+	eVII–bVIII in 1 G	Until now known only from anthropogenic biotopes.
370.	*Mesapamea moderata* (Eversmann, 1843)								+	?	TL: Ural.

1	2	3	4	5	6	7	8	9	10	11	12
371.	*Mesapamea hedeni* GRAESER, 1888						+		+	27.–30.VI. 1997	The species is reported for the first time from Russia: Uljanovsk region, 160 km S of Uljanovsk, vic. Vjazovka (V. ISAJEVA leg.). Salt-steppe hill along the Volga river.
372.	*Photedes captiuncula* (TREITSCHKE, 1825)									VI in 1 G	Local in forest steppe biotopes.
373.	*Luperina zollikoferi* (FREYER, 1836)								+	?	
374.	*Rhizedra lutoza* (HÜBNER, 1803)								–	mX in 1 G	Only one specimen was found 11.X.1993 in Uljanovsk town.
375.	*Eremobia ochroleuca* (DENIS & SCHIFFERMÜLLER, 1775)									?	
376.	*Eremobia deccerti* HAMPSON, 1908 (= *pseudotrachea* KRULIKOVSKY, 1909)								+	?	TL for *pseudotrachea*: Uralsk.
377.	*Sidemia spilogramma* (RAMBUR, 1871)								–	?	
378.	*Pseudohadena immunda* (EVERSMANN, 1842)									VI in 1 G	Rare and not each year, mainly in anthropogenic landscapes.
	Pseudohadena minuta PÜNGELER, 1899								?		This species was mentioned from Uralsk by ZHURAVLEV (1910) but probably faulty because it is known only from the Ili river, Derbend, Iran, etc.
379.	*Amphipoea oculea* (LINNAEUS, 1761)			+	+	+	+	+	+	eVII–VIII in 1 G	Was listed by E. as *Nictitans*. Not common in anthropogenic biotopes. L: *Triticum**
380.	*Amphipoea fucosa* (FREYER, 1830)			+	+	+	+	+	+	mVI–VIII in 1 G	Everywhere common.
381.	*Amphipoea lucens* (FREYER, 1845)									VII–VIII in 1 G	Local in steppes near agricultural plantations.
382.	*Hydraecia micacea* (ESPER, 1789)								+	VIII–IX in 1 G	In valley forests mainly; more typical for humid biotopes.
383.	*Hydraecia ultima* HOLST, 1965									m–eVII in 1 G	Different biotopes near the water.
384.	*Hydraecia petasitis* DOUBLEDAY, 1847									VII–VIII in 1 G	Rare in forests near the water.
385.	*Hydraecia mongoliensis* URBAHN, 1967										Was mentioned from S. Ural by VARGA (1982).
386.	*Gortyna flavago* (DENIS & SCHIFFERMÜLLER, 1775)								+	eVIII–IX in 1 G	Meadows and stepped meadows.
387	*Gortyna cervago* EVERSMANN, 1844									eVII–IX in 1 G	Was noted from Sergievsk by KRULIKOVSKY (1915).

1	2	3	4	5	6	7	8	9	10	11	12
388.	*Calamia tridens* (Hufnagel, 1766)	+			+	+	+		?	eVII–IX in 1 G	Was cited by E. as *Palustris.* Rare in chalk steppes.
389.	*Staurophora celsia* (Linnaeus, 1758)								+	VIII–IX in 1 G	Rare and local, not each year in parks and deciduous forests.
390.	*Celaena leucostigma* (Hübner, 1808)								+	VIII in 1 G	Not common near the water.
391.	*Celaena haworthii* (Curtis, 1829)									m–eVII in 1 G	Was noted by E. as *Morio* Evm. with TL: Kazan.
392.	*Nonagria typhae* (Thunberg, 1784)								+	m–eVIII in 1 G	Rare and local not far from water. L: *Typha**
393.	*Archanara geminipuncta* (Haworth, 1809)									VIII in 1 G	Local on meadows near the water.
394.	*Archanara sparganii* (Esper, 1790)									VIII–IX in 1 G	Very rare near lakes and rivers.
395.	*Archanara algae* (Esper, 1789) (= *russa* Eversmann, 1847)										Was listed as *Cannae.* TL for *russa*: Sarepta.
396.	*Archanara dissoluta* (Treitschke, 1825)								–	VI; VIII in ?2 G	Very rare and local at water.
397	*Seolina buettneri* (E. Hering, 1858)				?				–	?	Known only from old material.
398.	*Arenostola semicana* (Esper, 1798) (= *verecunda* Eversmann, 1848)								+	eVI–eVII in 1 G	Rare and local in steppes. TL for *verecunda*: Urals.
399.	*Arenostola pyxina* (A. Bang-Haas, 1910)										TL: Uralsk, Emba.
400.	*Chortodes fluxa* (Hübner, 1809)								+	VII–VIII in 1 G	Was listed by E. as *Helmanni* Evm. with TL: Ural. Rare in chalk and sandy steppes.
401.	*Chortodes pygmina* (Haworth, 1809)									VII in 1 G	Rare in forest steppe biotopes.
402.	*Chortodes stigmatica* (Eversmann, 1855)								?	?	No present day findings. TL: Urals, E.Siberia, Irkutsk.
403.	*Oria musculosa* (Hübner, 1808)									VII in 1 G	Very rare in steppes.
404.	*Argyrospila succinea* (Esper, 1798) (= *maculata* Eversmann, 1842)								?	?	Was listed by E. as *Maculata* Ev. with TL: Sarepta, Urals.
405.	*Charanyca trigrammica* (Hufnagel, 1766)								–	VI *in* 1 G	Not common in light deciduous forests.
	Hadeninae										
406.	*Discestra microdon* (Guenee, 1852) (= *marmorosa* Borkhausen, 1792)								–	VII–VIII in 1 G	Not common in forest steppes. From Sarepta cited by Spuler (1908).

1	2	3	4	5	6	7	8	9	10	11	12
407.	*Discestra furca* (EVERSMANN, 1852)				+				–	VI in 1 G	Very rare in steppes.
408.	*Discestra trifolii* (HUFNAGEL, 1766)	+	+	+	+	+	+	+	+	V–VI; VIII–IX in 2 G	Very common everywhere.
409.	*Discestra dianthi* (TAUSCHER, 1809) (= *dentigera* EVERSMANN, 1837)								+	VI–bVIII in 1 G	TL for *dianthi*: Sarepta and Waskuntschatskoi; TL for *dentigera*: Urals, Saraitschik.
410.	*Discestra stigmosa* (CHRISTOPH, 1887)								+	VII–VIII in 1 G	Local in light coniferous steppes.
411.	*Discestra sociabilis* (GRASLIN, 1850)								–	V in 1 G	Rare in anthropogenic biotopes.
412.	*Anarta cordigera* (THUNBERG, 1788)								?	?	Was noted by STAUDINGER & REBEL (1901) from Ural.
413.	*Lacanobia w-latinum* (HUFNAGEL, 1766)				+	+	+	+	+	V–VII in 1 G	Not common in parks and forest steppes.
414.	*Lacanobia aliena* (HÜBNER, 1809)								?	VI–VII in 1 G	Was listed by E. as *Genistae*. Not rare in mixed and deciduous forests.
415.	*Lacanobia splendens* (HÜBNER, 1808)				?					VI in 1 G	From Saratov Distr. cited by SAKHAROV (1927).
416.	*Lacanobia praedita* (HÜBNER, 1813)								+	VII in 1 G	Not common in steppous biotopes. From Sarepta cited by SPULER (1908).
417.	*Lacanobia blenna* (HÜBNER, 1824)									VIII in 1 G	Was noted by E. as *Peregrina* TR. Local in deciduous and mixed forests.
418.	*Lacanobia oleracea* (LINNAEUS, 1758)				+	+	+	+	+	eV–IX in 2–3 G	Everywhere common. L: *Aster*, Solanum tuberosa**.
419.	*Lacanobia thalassina* (HUFNAGEL, 1766)				+	+	+	+	+	eV–VIII in 1 G	Everywhere but more typical for humid deciduous forests. L: *Betula pendula**.
419.	*Lacanobia contigua* (DENIS & SCHIFFERMÜLLER, 1775) (= *subcontigua* EVERSMANN, 1852)				+	+	+	+	+	VI–VII in 1 G	TL for *subcontigua*: Ural. Common in parks and forest steppes.
420.	*Lacanobia suasa* (DENIS & SCHIFFERMÜLLER, 1775) (= *confluens* EVERSMANN, 1844; = *dissimilis* KNOCH, 1781)	+	+	+	+	+	+	+	+	mV–IX in 2 G	Everywhere common. Was listed by E. both as *Suasa* and *Confluens*. TL for *confluens*: Kazan prov., Ural, Sarepta. L: *Populus nigra*, P. balsamifera*, Triticum**.
421.	*Lacanobia obvia* (EVERSMANN, 1856)										Has to be found in the region under consideration because its TL: Kazan.
422.	*Hypobarathra icterias* (EVERSMANN, 1843)								?	?	TL: Ural.
423.	*Hada nana* (HUFNAGEL, 1766)								?	VI–VII in 1 G	Was noted by E. as *Dentina*. Rare in deciduous forests.

1	2	3	4	5	6	7	8	9	10	11	12
424.	*Hecatera dysodea* (Denis & Schiffermüller, 1775)	+			+	+	+		+	VI–mVIII in 1 G	Not rare in steppe and anthropogenic biotopes.
425.	*Hecatera bicolorata* (Hufnagel, 1766) (= *leuconota* Eversmann, 1837; = *serena* Denis & Schiffermüller, 1775)	+							+	VII–VIII in 1 G	Rare in mixed forests, forest-steppes and sandy bush steppes. TL for *leuconota*: Orenburg.
426.	*Hecatera cappa* (Hübner, 1809)				?				–	eVI in 1 G	Very rare in steppe biotopes. Was cited from Saratov distr. by Becker (1854).
427	*Hadena bicruris* (Hufnagel, 1766)				+	+	+	+	+	V; VII–VIII in 2 G	Was noted by E. as *Capsincola*. Common in deciduous forests and forest steppes.
428.	*Hadena albimacula* (Borkhausen, 1792)					+	+	+	+	mVI–mVII in 1 G	Rare in deciduous forests and parks. L: *Sorbus**.
429.	*Hadena luteago* (Denis & Schiffermüller, 1775)				+	+	+	+	+	VI–VII in 1 G	Rare in mixed and deciduous forests and forest steppes.
430.	*Hadena picturata* (Alpheraky, 1882)								+	VII–VIII in 1 G	Comparatively rare in dry steppes, probably as a migrant. From Sarepta cited by Spuler (1908).
431.	*Hadena compta* (Denis & Schiffermüller, 1775)				+	+	+	+	+	eVI–mVII in 1 G	Was listed by E. as *Comta*. Local all over the region.
432.	*Hadena confusa* (Hufnagel, 1766)							+	+	VII in 1 G	Was noted by E. as *Conspersa*. Rare and local in forests steppes.
433.	*Hadena variolata* (Staudinger, 1892)							+	+	?	Was cited from the region by Kljutschko & Hacker (1996).
434.	*Hadena filograna* (Esper, 1788) (= *filigrama* Esper, 1796)			+	+	+	+	+	+	VI in 1 G	Was noted by E. as *Filigramma*. Rare in deciduous forests and parks.
435.	*Hadena persimilis* Hacker, 1996			?	?			?	?	eVI–mVIII in 1–2 G	Was cited from the region by Kljutschko & Hacker (1996). In Uljanovsk Reg. known only from saline steppes.
436.	*Hadena luteocincta* (Rambur, 1834)								–	eVI–mVII in 1 G	Rare and local in mixed and deciduous forests. L: *Sorbus**.
437.	*Hadena rivularis* (Fabricius, 1775)			+	+	+	+	+	+	VI–VIII in 1 G	Not common in parks and forest steppes. Was listed by E. as *Cucubali*. From Sarepta cited by Spuler (1908).
438.	*Hadena perplexa* (Denis & Schiffermüller, 1775)				+	+	+	+	–	eVI–VII in 1 G	Not rare in different biotopes.
439.	*Hadena christophi* (Möschler, 1862)								?	VII–VIII in 1 G	TL: Sarepta. Very rare in dry steppes.
440.	*Hadena irregularis* (Hufnagel, 1766)								+	mVI–VII in 1 G	Local in steppes and stepped places.
441.	*Hadena laudeti* (Boisduval, 1840) (= *cretacea* Eversmann, 1847)				?				+	eV–bVI in ?1 G	Was listed by E. as *Echii*. TL for *cretacea*: Sarepta.

1	2	3	4	5	6	7	8	9	10	11	12
442.	*Hadena literata* (FISCHER DE WALDHEIM, 1840)			+	+		+		+	bVI–VII in 1 G	TL: Volga. Was cited from the region by KLJUTSCHKO & HACKER (1996).
443.	*Hadena magnolii* (BOISDUVAL, 1829) (= *nummosa* EVERSMANN, 1844)								?	V–VI in 1 G	Was cited by E. as *Nummosa* EVM. with TL: Urals and Volga. Rare in dry steppe biotopes. From Sarepta was cited by SPULER (1908).
444.	*Sideridis lampra* (SCHAWERDA, 1913) (= *evidens* HÜBNER, 1808)				?				?	bVI in 1 G	Very rare in saline steppes. Was noted E. as *Evidens*. From Saratov cited by SAKHAROV (1927).
445.	*Sideridis albicolon* (HÜBNER, 1813)				+	+	+	+	+	eV–mVI in 1 G	Not rare everywhere but more typical for steppe biotopes.
446.	*Sideridis egena* (LEDERER, 1853)			+	+	+	+	+	+	VI in 1 G	Rare and very local in gardens and parks.
447.	*Heliophobus reticulata* (GOEZE, 1781)				+	+	+	+	+	VI; VIII in 2 G	Not rare in various biotopes. Was listed by E. as *Saponariae*.
448.	*Heliophobus texturata* (ALPHERAKY, 1892)									VII in 1 G	Common in parks and forests. L: *Lathyrus**
449.	*Conisania leineri* (FREYER, 1836) (= *furcata* EVERSMANN, 1837; = *cervina* EVERSMANN, 1842)								+	VII in 1 G	Was cited by E. as *Cervina* EVM. with TL: Sarepta. TL for *furcata*: Orenburg. Dry steppes.
450.	*Saragossa siccanorum* (STAUDINGER, 1870)								+	VI–VIII in 1–2 G	TL: Sarepta. Rare in dry steppes.
451.	*Melanchra persicariae* (LINNAEUS, 1761)				+	+	+	+	–	mVI–IX in 2 G	Very common everywhere. L: *Hippophae**, *Chrysanthemum**, *Aster**.
452.	*Melanchra pisi* (LINNAEUS, 1758)						+	+	–	mVI–mVII in 1 G	Rare in old humid mixed forests.
453.	*Mamestra brassicae* (LINNAEUS, 1758)	+	+	+	+	+	+	+	+	V–IX in 2–3 G	Very common everywhere. L: *Brassica**, *Rumex**
454.	*Papestra biren* (GOEZE, 1781) (= *glauca* HÜBNER, 1809)									VII in 1 G	Rare and local in forest steppes.
455.	*Polia bombycina* (HUFNAGEL, 1766)	+	+	+	+	+	+	+	+	VI–VII in 1 G	Not rare everywhere. Was noted by E. as *Advena*.
456.	*Polia hepatica* (CLERCK, 1759) (= *trimaculosa* ESPER, 1788)							+	–	VI–VII in 1 G	Was listed by E. both as *Tincta* and *Hepatica*.
457	*Polia serratilinea* OCHSENHEIMER, 1816 (= *spalax* ALPHERAKY, 1887)								?	mVI–bVII in 1 G	Different biotopes, not rare. TL for *spalax*: Urals and Aram-Kungei.
458.	*Polia nebulosa* (HUFNAGEL, 1766)								?	VI–VII in 1 G	Common in parks. L: *Syringa**
459.	*Leucania obsoleta* (HÜBNER, 1803)								?	VI in 1 G	Not rare in anthropogenic landscapes.
460.	*Leucania comma* (LINNAEUS, 1761)								?	VI–VII in 1 G	Was listed by E. also as *Congener*. Rare in old humid mixed forests.

1	2	3	4	5	6	7	8	9	10	11	12
461.	*Leucania seifersi* RANGNOW, 1930								?	VI–VII; VIII–IX	No fresh material at our disposal. TL: S. Ural, Guberla.
462.	*Leucania zeae* (DUPONCHEL, 1827)								–	VI in 1 G	Local in humid biotopes.
463.	*Mythimna turca* (LINNAEUS, 1761)								–	eVI–mVIII in 1 G	Rare in mixed forests, parks and chalk steppes not far from a water.
464.	*Mythimna conigera* (DENIS & SCHIFFERMÜLLER, 1775)				?	+	+	+	+	VII in 1 G	Common steppous species. From Saratov cited by SAKHAROV (1927).
465.	*Mythimna ferrago* (FABRICIUS, 1787)				+	+	+	+	+	VI–VII; VIII–IX in 2 G	Common everywhere but more common in steppe places.
466.	*Mythimna albipuncta* (DENIS & SCHIFFERMÜLLER, 1775)								?	V–VI; eV–VIII in 2 G	Was noted by E. as *Alpipuncta*. Rare in forest-steppes and steppe places.
467.	*Mythimna vitellina* (HÜBNER, 1808)								–	VII in 1 G	Very rare in forest steppes.
468.	*Mythimna impura* (HÜBNER, 1808)						+	+	–	eVI–mVII	Rare and local in old humid mixed and deciduous forests.
469.	*Mythimna velutina* (EVERSMANN, 1846)						+	+	?	eVI in 1 G	Rare and local in saline steppes. TL: Ural, Orenburg.
470.	*Mythimna deserticola* (BARTEL, 1903)								?	m–eVI	Not rare in forest-steppes and steppes. TL: Ural, Orenburg.
471.	*Mythimna pallens* (LINNAEUS, 1758)				+	+	+	+	+	V–VI; VIII in 2 G	Common everywhere. L: *Stellaria media**.
472.	*Mythimna l-album* (LINNAEUS, 1767)								+	VI; VIII–X in 2 G	Very common everywhere.
473.	*Mythimna vulpecula* (EVERSMANN, 1852)			+	?				+	VII in 1 G	Local in forest steppes. From Saratov Distr. cited by TOKARSKY & DIKSON (1905).
474.	*Mythimna andereggii* BOISDUVAL, 1840 (= *lineata* EVERSMANN, 1842)								+	VI in 1 G	Was cited by E. as *Lineata* EVM. with TL: Sarepta. Very rare in arthropogenic landscapes.
475.	*Mythimna pudorina* (DENIS & SCHIFFERMÜLLER, 1775)								–	VI–VII in 1 G	Very rare on steppe meadows.
476.	*Mythimna alopecuri* (BOISDUVAL, 1840)								–	?	No material at our disposal.
477.	*Mythimna straminea* (TREITSCHKE, 1825)								+	?	No material at our disposal.
478.	*Mythimna albiradiosa* (EVERSMANN, 1852)								–	?	No fresh material. TL: Volga.
479.	*Pseudaletia unipuncta* (HAWORTH, 1809)								–	VIII in 1 G	Dry bush steppes.

1	2	3	4	5	6	7	8	9	10	11	12
480.	*Orthosia incerta* (Hufnagel, 1766)	+			+	+	+		+	III–mV in 1 G	Was listed by E. as *Instabilis*. Common in forests of various types and parks. L: *Tilia cordata*, Populus nigra**
481.	*Orthosia gothica* (Linnaeus, 1758)								+	mIII–mV in 1 G	Common in deciduous and mixed forests and parks. L: *Populus nigra**.
482.	*Orthosia cruda* (Denis & Schiffermüller, 1775)								–	eIV–bV in 1 G	Not common in deciduous forests.
483.	*Orthosia miniosa* (Denis & Schiffermüller, 1775)	–							–	mIV–mV in 1 G	Not common in mixed and coniferous forests.
484.	*Orthosia opima* (Hübner, 1809)								–	eIV–bV in 1 G	Not common in light deciduous forests.
485.	*Orthosia porosa* Eversmann, 1854								+	VI–VII in 1 G	TL: SE Ural, Orenburg. Rare and local in forest steppes.
486.	*Orthosia populeti* (Fabricius, 1781)								?	IV–V in 1 G	Very rare in deciduous forests and parks.
487.	*Orthosia cerasi* (Fabricius, 1775) (= *stabilis* Denis & Schiffermüller, 1775)	–							–	eIV–V in 1 G	Rare and local in forest-steppes and mixed forests.
488.	*Orthosia gracilis* (Denis & Schiffermüller, 1775)						+	+	+	mIV–V in 1 G	Rare in light mixed forests. L: *Silene**.
489.	*Orthosia munda* (Denis & Schiffermüller, 1775)								–	mIV–eVI in 1 G	Not rare but local in mixed forests.
490.	*Panolis flammea* (Denis & Schiffermüller, 1775)								–	eIV–bVI in 1 G	Common in mixed and coniferous forests. L: *Pinus**.
491.	*Egira conspicillaris* (Linnaeus, 1758)				+	+	+	+	+	eIV–VII in 1 G	Not common in humid mixed forests. L: *Genista**.
492.	*Perigrapha i-cinctum* (Denis & Schiffermüller, 1775)								+	VI in 1 G	Local in forest steppes.
493.	*Perigrapha circumducta* (Lederer, 1855)								+	V–bVI in 1 G	Not common in anthropogenic landscapes.
494.	*Hyssia cavernosa* (Eversmann, 1842)				?	+	+		+	VI–mVII in 1 G	Rare and local in stepped places. TL: Ural, Kazan. From Saratov Distr. listed by Becker (1867). L: *Euphorbia**.
495.	*Cerapteryx graminis* (Linnaeus, 1758)						+	+	–	m–eVII in 1 G	Rare and local in deciduous forests and on humid meadows.
496.	*Tholera cespitis* (Denis & Schiffermüller, 1775)								+	VIII–IX in 1 G	Not rare in forests of various types and parks.
497.	*Tholera decimalis* (Poda, 1761) (= *popularis* Fabricius, 1775)								+	eVI–VII; VIII–IX in 2 G	Was noted by E. as *Popularis*. Not rare together with the previous species.
498.	*Tholera hilaris* (Staudinger, 1901)								–	?	TL: Sarepta.
499.	*Pachetra sagittigera* (Hufnagel, 1766)								+	mV–VII in 1 G	Rare and local in steppes. Was listed by E. as *Leucophaea* Vieweg.

1	2	3	4	5	6	7	8	9	10	11	12
500.	*Eriopygodes imbecilla* (FABRICIUS, 1794)	+			+	+				VI–mVII in 1 G	Rare in forest steppes.
501.	*Eriopygodes impar* (STAUDINGER, 1870)								+	?	TL: Sarepta.
502.	*Lasionycta proxima* (HÜBNER, 1809) (= *cana* EVERSMANN, 1841; = *extensa* EVERSMANN, 1844; = *ochrostigma* EVERSMANN, 1842)				+	+	+	+	?	VII in 1 G	Different forms of the species were cited by E. as *Cana* EVM. (TL: Ural, Bashkiria), *Extensa* EVM. (TL: Orenburg) and *Ochrostigma* EVM. (TL: W. Ural).
	Noctuinae										
503.	*Axylia putris* (LINNAEUS, 1761)				+	+	+	+	–	VI–VII in 1 G	Common evrywhere. L: *Plantago**.
504.	*Ochropleura plecta* (LINNAEUS, 1761)			+	+	+	+	+	+	mV–VI in 1 G	Not common in parks and anthropogenic landscapes.
505.	*Ochropleura musiva* (HÜBNER, 1803)	+	+	+	+	+	+	+	+	VI–VII in 1 G	Local in light deciduous forests.
506.	*Diarsia mendica* (FABRICIUS, 1775)								–	eVI–VII in 1 G	Rare and local in humid mixed forests.
507.	*Diarsia dahlii* (HÜBNER, 1813)					+	+	+	?	eV–eVIII in 1 G	Not common in deciduous forests.
508.	*Diarsia brunnea* (DENIS & SCHIFFERMÜLLER, 1775)								–	eV–VII in 1 G	Local in humid forests near water. L: *Veratrum loebeliana**.
509.	*Diarsia rubi* (VIEWEG, 1790)								–	VI in 1 G	Rare and local.
510.	*Noctua pronuba* (LINNAEUS, 1758)								?	VI–VIII in 1 G	Was listed by E. also as *Innuba*. Rare in parks and humid gardens.
511.	*Noctua orbona* (HUFNAGEL, 1766)								?	VII–VIII in 1 G	Was noted by E. as *Subconsequa*. Not rare in light deciduous forests.
512.	*Noctua comes* (HÜBNER, 1813)								–	VII in 1 G	Comparatively rare in light deciduous forests.
513.	*Noctua fimbriata* (SCHREBER, 1759)								–	eVI–VIII in 1 G	Not common in steppes, parks and dry forests. L: *Primula*.
514.	*Noctua janthina* (DENIS & SCHIFFERMÜLLER, 1775)								–	VI in 1 G	Rare in forest steppes.
515.	*Noctua interjecta* (HÜBNER, 1803)								–	VI in 1 G	Local and rare in light deciduous forests and parks.
516.	*Noctua interposita* (HÜBNER, 1790)								–	VI–VIII in ?2 G	Was cited by E. as *Consequa*. Rare on steppe places.
517.	*Cryptocala chardinyi* (BOISDUVAL, 1829)					?	+		–	b–mVII in 1 G	Was noted by E. as *Hetaera* EVM. with TL: Kazan. Rare on humid meadows and glades.
518.	*Lycophotia molothina* (ESPER, 1789)									mV in 1 G	Comparatively rare in deciduous forests.

1	2	3	4	5	6	7	8	9	10	11	12
519.	*Lycophotia porphyrea* (Denis & Schiffermüller, 1775)				+				+	IX in 1 G	Rare in coniferous forests. From Saratov Distr. listed by Kumakov & Korshunov (1979).
520.	*Chersotis andereggii* (Boisduval, 1832)								–	VII in 1 G	Very rare in forest steppes on the chalk hills along the Volga river.
521.	*Chersotis alpestris* (Boisduval, 1837)								+	VII in 1 G	Comparatively rare in light coniferous forests.
522.	*Chersotis multangula* (Hübner, 1803)			+	?				+	VI–VII in 1 G	Rare in forests steppes. From Saratov district noted by Becker (1854).
523.	*Chersotis elegans* (Eversmann, 1837) (= *cancellata* Freyer, 1840)								+	mVI–bVIII in 1 G	TL for both taxa is Sarepta. Local on stepped places.
524.	*Chersotis deplanata* (Eversmann, 1843)								+	VII in 1 G	TL: Ural. Very rare.
525.	*Chersotis ocellina* (Denis & Schiffermüller, 1775)								+	VII–VIII in 1 G	Local in forest steppes.
526.	*Chersotis rectangula* (Denis & Schiffermüller, 1775) (= *exclamans* Eversmann, 1841)							+	–	V–mVI in 1 G	TL for *exclamans*: Bashkiria, Ural. Very rare in steppes.
527.	*Chersotis cuprea* (Denis & Schiffermüller, 1775)								+	VII–VIII in 1 G	Local and not common in light deciduous forests.
528.	*Chersotis transiens* (Staudinger, 1897)								?	?	Was noted from Ural Mts. by Kozhantschikov (1935).
529.	*Chersotis luperinoides* (Guenee, 1852)								+	?	Was noted from Ural by Fibiger (1993).
530.	*Chersotis capnistis* (Lederer, 1872) (= *guberlae* Corti, 1930; = *glabripennis* Corti & Draudt, 1933)								+	?	TL for all taxa is S. Ural.
531.	*Chersotis margaritacea* (Villers, 1789)								–	VIII in 1 G	Rare on meadows near the water.
532.	*Rhyacia simulans* (Hufnagel, 1766)			+	+	+	+	+	–	VI–VII; IX in 2 G	Was listed by E. as *Pyrophila*. Not common in mixed forests and parks.
533.	*Rhyacia arenacea* (Hampson, 1907) (= *auguorides* Rothschild, 1914; = *pseudosimulans* Kozhantshikov, 1929)								–	mVI in 1 G	Rare and local in sandy and saline steppes.
534.	*Rhyacia caradrinoides* (Staudinger, 1897)								?	?	TL: Ural.
535.	*Paradiarsia punicea* (Hübner, 1803)								–	eV–eVI in 1 G	Not rare in dry and sandy steppes. Was cited from Samara Distr. by Kozhantshikov (1937).
536.	*Paradiarsia sobrina* (Duponchel, 1843)							+	–	VII in 1 G	Rare in forest steppe biotopes.

1	2	3	4	5	6	7	8	9	10	11	12
537	*Netrocerocora quadrangula* (Eversmann, 1844) (= *quadriplaga* Bartel, 1902)	+							?		TL for *quadrangula*: Ural; TL for *quadriplaga*: S. Ural, Orenburg reg.
538.	*Eurois occulta* (Linnaeus, 1758)			+	+	+	+	+	+	VII–VIII in 1 G	Not rare, in some years common in parks, forests of various types, on glades and meadows, mainly not far from water.
539.	*Spaelotis ravida* (Denis & Schiffermüller, 1775)				+	+	+	+	+	mVI–mVII in 1 G	Not rare in different biotopes.
540.	*Spaelotis deplorata* (Staudinger, 1897)										Was listed for Ural by Fibiger (1993).
541.	*Spaelotis dominans* (Corti & Draudt, 1933)										TL: Uralsk, Emba.
	Spaelotis clandestina (Harris, 1841)						+		–	VI in 1 G	Very rare and local on *Sphagnum* bogs.
542.	*Opigena polygona* (Denis & Schiffermüller, 1775)	+							+	VI–mVII in 1 G	Was noted by E. as *Polydona*. Rare and local in steppes of different types. L: *Rumex**.
543.	*Graphophora augur* (Fabricius, 1775)				+	+	+	+	+	VI–mVII in 1 G	Not common in parks and mixed forests. L: *Salix**.
544.	*Eugnorisma puengeleri* Varga & Ronkay, 1987										TL: Sarepta.
545.	*Eugnorisma chaldaica* (Boisduval, 1840) (= *chaldaica* Freyer, 1840)								+	VI–VII in 1 G	TL for *chaldaica* Freyer: Sarepta. Rare in dry steppes.
546.	*Eugnorisma insignata* (Lederer, 1853)								?	mVI–VII in 1 G	Local in semi-desert, dry and sandy steppes.
547.	*Eugnorisma depuncta* (Linnaeus, 1761)								+	VII–VIII in 1 G	Deciduous and mixed forests.
548.	*Xestia c-nigrum* (Linnaeus, 1758)			+	+	+	+	+	+	V–IX in 2 G	Very common all over the region. L: *Stellaria**.
549.	*Xestia ditrapezium* (Denis & Schiffermüller, 1775)	+			+	+	+	+	–	VI–mVIII in 1 G	Not rare everywhere. L: *Plantago**, *Rumex**, *Polygonum**.
550.	*Xestia triangulum* (Hufnagel, 1766)				+	+	+	+	+	V–VIII in 2 G	Not rare all over the region, mainly in anthropogenic landscapes.
551.	*Xestia kollari* (Lederer, 1853)								+	?	Was noted from Ural by Spuler (1908).
552.	*Xestia baja* (Denis & Schiffermüller, 1775)				+	+	+	+	+	eVII–VIII in 1 G	Not rare in forests and forest steppes.
553.	*Xestia sareptana* (Herrich-Schäffer, 1851)								–	?	TL: Sarepta.
554.	*Xestia rhomboidea* (Esper, 1790)								+	VIII in 1 G	Local in forests and parks, more typical for humid places.
555.	*Xestia trifida* (Fischer de Waldheim, 1820) (= *atra* Bang-Haas, 1912)									bVIII in 1 G	TL for both *taxa* is Sarepta. Very rare in sandy bush steppes.

1	2	3	4	5	6	7	8	9	10	11	12
556.	*Xestia xanthographa* (Denis & Schiffermüller, 1775)				+	+				VIII in 1 G	Meadows, forest steppes.
557.	*Xestia ashworthii* (Doubleday, 1855) (= *candelarum* Staudinger, 1871)	–							+	mVII in 1 G	Very rare and local in chalk steppes. TL for *candelarum*: Ural.
558.	*Xestia collina* (Boisduval, 1840) (= *eversmanni* Petersen, 1905)								+	?	TL for *eversmanni*: Ural. No material at our disposal.
559.	*Eugraphe sigma* (Denis & Schiffermüller, 1775)				+	+	+	+	+	VI–VII in 1 G	Not rare in humid deciduous forests. L: *Salix**.
560.	*Coenophila subrosea* (Stephens, 1829)										From Saratov Distr. cited by Tokarsky & Dikson (1905).
561.	*Coenophila miniago* (Freyer, 1840)								+	VIII in 1 G	TL: Sarepta. Dry sandy steppes and saline lands.
562.	*Cerastis rubricosa* (Denis & Schiffermüller, 1775)								–	eIV–mV in 1 G	Local in mixed and deciduous forests.
563.	*Cerastis leucographa* (Denis & Schiffermüller, 1775)								–	eIV–mV in 1 G	Local in mixed and deciduous forests.
564.	*Naenia typica* (Linnaeus, 1758)				?		+	+	?	VII–mVIII in 1 G	Rare and local in dry deciduous forests and steppes.
565.	*Anaplectoides prasina* (Denis & Schiffermüller, 1775)			+	+	+	+	+	+	VI–VIII in 1 G	Was noted by E. as *Herbida*. Not rare all over the region but more typical for humid mixed forests. L: *Fragaria**.
566.	*Peridroma saucia* (Hübner, 1808)								+	VII in 1 G	Very rare and local on chalk hills.
567.	*Parexarnis fugax* (Treitschke, 1825)		?	+	+				?		Noted from Lower Volga by Becker (1857) and Svendsen & Fibiger (1992).
568.	*Protexarnis squalida* (Guenee, 1852) (= *balanitis* Grote, 1873)								?	bVIII in 1 G	TL for *balanitis*: Sarepta, Ural, Dahuria; TL for *squalida*: Ural, Sarepta etc. Very rare in dry stepped places.
569.	*Actebia praecox* (Linnaeus, 1758)					+	+	+	–	VIII in 1 G	Mixed and stepped forests. Rare and local.
570.	*Actebia fennica* (Tauscher, 1837)				+	?					Was noted by Kozhantshikov (1937) from Samara.
571.	*Euxoa recussa* (Hübner, 1817) (= *florigera* Eversmann, 1844)			+	+	?		+	+	VII–VIII in 1 G	Was listed by E. as *Florigera* with TL: Orenburg; Ural; near Menzelinsk. Not common in deciduous forests.
572.	*Euxoa deserta* (Staudinger, 1870)								+	bVI–VII in 1 G	Was noted by Kozhantshikov (1937) from Saratov. TL: Sarepta. Rare in dry stepped places.

1	2	3	4	5	6	7	8	9	10	11	12
573.	*Euxoa aquilina* (Denis & Schiffermüller, 1775) (= *terrestris* Corti, 1931; = *squalida* Eversmann, 1856; = *punctifera* Corti, 1931; = *quassa* Corti, 1931)	+	+	+	+	+	+	+	+	mVII-bVIII in 1 G	Was listed by E. as *Aquilina* and *Sabulitoria*. Not rare in different landscapes. TL for *terrestris*: Ural and Sarepta etc; TL for *squalida*: Ural; TL for *punctifera*: Ural; TL for *quassa*: Sarepta.
574.	*Euxoa distinguenda* (Lederer, 1857) (= *distincta* Staudinger, 1892)								+	VII-VIII in 1 G	One TL for *distincta* is *Sarepta*. Was noted by Kozhantshikov (1937) from Samara. Not common in forest steppes.
575.	*Euxoa christophi* (Staudinger, 1870) (= *amplexa* Corti, 1931; = *corporea* Corti, 1931; = *uralensis* Corti, 1926)								?	VIII-bIX in 1 G	TL for *christophi, uralensis* & *corporea* is Sarepta; TL for *amplexa*: Sarepta, Altai, Issyk-Kul. Rare in semi-deserts and dry steppes.
576.	*Euxoa basigramma* (Staudinger, 1870)								+	VI in 1 G	TL: Sarepta. Deciduous forests. From Saratov noted by Becker (1892).
577.	*Euxoa nigricans* (Linnaeus, 1758) (= *rustica* Eversmann, 1842)	+		+	+	+	+	+	+	eVI-eVIII in 1-2 G	Was noted by E. as *Fumosa* and *Rustica*. Not common for different landscapes. TL for *rustica*: W. Ural. L: *Rumex**.
578.	*Euxoa diaphora* Boursin, 1931								o	?	TL: Ural.
579.	*Euxoa tritici* (Linnaeus, 1761) (= *sparsa* Corti, 1932; = *claricostata* Corti, 1932)		+	+	+	+	+	+	+	mVI-eVIII in 2 G	Very common all over the region. TL for *sparsa*: Sarepta; TL for *claricostata*: Sarepta and Ural. L: *Chenopodium**.
	Euxoa segnilis (Duponchel, 1837)								–	?	No fresh material at our disposal.
580.	*Euxoa obelisca* (Denis & Schiffermüller, 1775)			+	+	+	+	+	+	VIII-IX in 1 G	Local in sandy steppes and forest steppes.
581.	*Euxoa vitta* (Esper, 1789)								–	VIII-IX in 1 G	From Saratov Distr. listed by Kumakov & Korshunov (1979).
582.	*Euxoa rubiginosa* Staudinger, 1895								–	VIII in 1 G	Rare in steppes.
583.	*Euxoa cursoria* (Hufnagel, 1766)	–						?	?	?	No fresh material at our disposal.
584.	*Euxoa hastifera* (Donzel, 1847)								+	VII-VIII in 1 G	Rare in dry steppes.
585.	*Euxoa tristis* (Staudinger, 1897)								–	V-VI in 1 G	No freshmaterial at our disposal. Material from Samara Distr. is kept in ZMMU probably.
586.	*Euxoa hilaris* (Freyer, 1838)								+	IX in 1 G	Local in sandy steppes.
587.	*Euxoa ochrogaster* (Guenee, 1852) (= *islandica* Staudinger, 1857)		?	?	?				+	?	In the Region ssp. *rossica* Staudinger, 1881 with TL: S. Ural is native.

1	2	3	4	5	6	7	8	9	10	11	12
588.	*Euxoa agricola* (Boisduval, 1829)	+		+	+	+			+	VI in 1 G	Not common in agricultural landscapes. Was noted by Kozhantshikov (1937) from Samara.
589.	*Euxoa lidia* (Stoll, 1782) (= *adumbrata* Eversmann, 1842)								+	VI–VII in 1 G	Was cited by E. as *Adumbrata* with TL: Kazan prov. and Ural. Dry steppe places.
590.	*Euxoa temera* (Hübner, 1808)									?	Was noted by E. as *Ruris*.
591.	*Euxoa deficiens* (F. Wagner, 1913)								+	eV–VI in 1 G	Noted from Sarepta by Fibiger (1990). Semideserts and dry steppes.
592.	*Euxoa sagitta* (Hübner, 1813) (= *triaena* Kozhantshikov, 1929)								?	VII–VIII in 1 G	Local in agricultural landscapes of steppe zone.
593.	*Euxoa foeda* (Lederer, 1885)								+	VIII in 1 G	Comparatively rare in steppe places on chalk hills.
594.	*Euxoa philippsi* Corti, 1928										TL: Sarepta.
595.	*Euxoa cos* (Hübner, 1824) (= *praesaga* Corti, 1932)	–							–	VII–VIII in 1 G	TL for *praesaga*: Sarepta. Rare and local in semideserts and dry steppes.
596.	*Euxoa lycarum* (Herrich-Schäffer, 1850)								?	?	TL: Ural.
597.	*Euxoa rangnowi* Corti, 1932								?	?	TL: S.Ural, Guberla.
598.	*Euxoa riphaea* (Bartel, 1907)								?	?	TL: Orenburg.
599.	*Euxoa zernyi* Boursin, 1944								?	?	TL: Orenburg.
600.	*Dichagyris candelisequa* (Denis & Schiffermüller, 1775)								–	VI–VIII in 1 G	Common in steppes.
601.	*Dichagyris vallesiaca* (Boisduval, 1837) (= *venosa* Corti & Draudt, 1933)						+	+	–	bVIII in 1 G	Rare and local in saline steppes. TL for *venosa*: Sarepta.
602.	*Dichagyris tyrannus* (A. Bang-Haas, 1912)										From Bogdo cited by Svendsen & Fibiger (1992).
603.	*Dichagyris squalorum* (Eversmann, 1856)								?	?	
604.	*Dichargyris stellans* (Corti & Draudt, 1933)								+	?	For Sarepta was noted as ?ssp. *duskei* Chr.
605.	*Dichargyris forficula* (Eversmann, 1851)								?	mVI–VII in 1 G	Rare and local in forest steppes on chalk hills along the Volga river.
606.	*Dichagyris eremicola* (Standfuss, 1888)									?	TL: Inderskoe. No fresh material at our disposal.

1	2	3	4	5	6	7	8	9	10	11	12
607	*Yigoga signifera* (Denis & Schiffermüller, 1775) (= *pseudosignifera* Boursin, 1952)	+	+	+	+	+	+	+	+	VII in 1 G	Rare and local in steppes of different types.
608.	*Yigoga orientis* (Alpheraky, 1882)									VII in 1 G	In the Region ssp. *pseudosignifera* Boursin, 1952 with TL: S. Russia, Saratov, Kamenka is native.
609.	*Yigoga forcipula* (Denis & Schiffermüller, 1775)								+	VI–VII in 1 G	Forest-steppes. Was noted by Kozhantshikov (1937) from Samara.
610.	*Yigoga multicuspis* (Eversmann, 1852) (= *spinosa* Staudinger, 1877)								?	VII in 1 G	TL for *multicuspis*: S. Ural, S. Volga; TL for *spinosa*: Sarepta, etc. Local in steppes.
611.	*Yigoga lutescens* (Eversmann, 1844) (= *leonina* Staudinger, 1877)										TL for *lutescens*: Orenburg; TL for *leonina*: Sarepta.
612.	*Yigoga triculenta* (Lederer, 1853)										Rare in steppes and semi-deserts.
613.	*Agrotis crassa* (Hübner, 1803)	+	+	+	+	+	+	+	–	mV–bVIII in 1 G	Common in agricultural landscapes of steppe zone. Noted from Samara by Kozhantshikov (1937).
614.	*Agrotis ripae* (Hübner, 1823) (= *deserticola* Eversmann, 1842)								+	VI–VII; VIII in 2 G	Was listed by E. as *Deserticola* Evm. with TL: Sarepta. Common for biotopes near the water.
615.	*Agrotis ipsilon* (Hufnagel, 1766)	+	+	+	+	+	+	+	+	VI–IX in 2 G	Was listed by E. as *Suffusa*. Not common in different stepped places. L: *Hieracium pilosa**
616.	*Agrotis exclamationis* (Linnaeus, 1758)	+	+	+	+	+	+	+	+	eV–VIII in 2 G	Everywhere very common. L: *Triticum**, *Solanum lycopersicum**.
617.	*Agrotis clavis* (Hufnagel, 1766) (= *corticea* Denis & Schiffermüller, 1775)	+	+	+	+	+	+	+	+	mVII in 1 G	Was noted by E. as *cortica*. Not rare in steppes of different types.
618.	*Agrotis segetum* (Denis & Schiffermüller, 1775)	+	+	+	+	+	+	+	+	eV–IX in 2 G	Everywhere very common. L: *Triticum**, *Taraxacum officinale**.
619.	*Agrotis vestigialis* (Hufnagel, 1766)	+	+	+	+	?	+	+	+	?	Was listed by E. as *Valligera*. Was noted from Samara by Kozhantshikov (1937).
620.	*Agrotis cinerea* (Denis & Schiffermüller, 1775) (= *murina* Eversmann, 1848)						+	+	+	mV–bVI in 1 G	TL for *murina*: Ural. Dry and sandy steppes.
621.	*Agrotis intersita* (Fischer de Waldheim, 1840)								–	VI–VII in 1 G	TL: Wolga. Rare in steppe places.
622.	*Agrotis trifurca* Eversmann, 1837							o	–	?	TL: Ufa and west of Orenburg.
623.	*Agrotis characteristica* Alpheraky, 1892								?	?	Was noted for S. Ural by Mentzer & Moeberg (1987).
624.	*Agrotis fatidica* (Hübner, 1824)								+	VIII in 1 G	Very rare in forest steppes.

1	2	3	4	5	6	7	8	9	10	11	12
625.	*Agrotis trux* (HÜBNER, 1824)			+						VII-bIX in 1 G	Comparatively rare in steppes.
626.	*Agrotis glabripennis* CORTI, 1926								?	?	TL: Ural, Kirilskaja.
627.	*Agrotis quadrigera* CORTI, 1932								?	?	TL: Ural.
628.	*Agrotis desertorum* (BOISDUVAL, 1840)								–	?	Rare in semi-desert biotopes.
629.	*Agrotis incognita* STAUDINGER, 1888								?	?	This species is known from Orenburg, it should be found in the region under study.
	incerta sedis										
630.	*"Noctua" bardana* FREYER, 1845										TL: Ural. Status of this taxon is unknown. Supposedly it is a member of the genus *Diarsia* but for more correct decision a study of the typical specimen is necessary.
	Total - 630	346	122	189	436	299	304	176	373		

As a result, 630 species of the Noctuidae are listed for the modern Volgo-Ural fauna. 3 species (*Catocala optata* GODART, *Helicoverpa obsoleta* FABRICIUS, *Pseudohadena minuta* PÜNGELER) are deleted from the list. Supposedly they were either erroneously determinated or incorrect noted from the region under consideration since EVERSMANN's work. 284 species are recorded from the region in addition to EVERSMANN's list.

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