Atalanta (Dezember 2005) **36** (3/4): 559-572, Würzburg, ISSN 0171-0079

„Fauna Lepidopterologica Volgo-Uralensis" 150 years later: Changes and additions. Part 9: Tortricidae

(Lepidoptera)

by

VASILY V. ANIKIN, SERGEY A. SACHKOV, VADIM V. ZOLOTUHIN, SVETLANA V. NEDOSHIVINA & TATYANA A. TROFIMOVA

received 20.IX.2005.

Summary: 510 species of Tortricidae are listed for the recent Volgo-Ural fauna. 378 species are recorded from the region in addition to EVERMANN's list of 1844. Some dozens species more are expected to be found in the Region under this study in the nearest future.

The following new synonymys are established here:
Phtheochroa inopiana HAWORTH, 1811 (=*tripsiana* EVERSMANN, 1844) **syn. nov.**
Capricornia boisduvaliana DUPONCHEL, 1836 (=*graphitana* EVERSMANN, 1844) **syn. nov.**
Choristoneura diversana HÜBNER, 1817 (=*gilvana* EVERSMANN, 1842) **syn. nov.**

Due to the principle of priority, the following species are removed from the incorrect synonymy and considered here as oldest names with establishing of a new synonymy:
Olethreutes externa EVERSMANN, 1844 (=*dalecarlianus* GUENEE, 1845) **syn. nov.**
Epibactra immundana EVERSMANN, 1844, bona spec. nec *immundana* ROESSLERSTAMM, 1839 (=*sareptana* HERRICH-SCHÄFFER, 1851; =*cuphulana* HERRICH-SCHÄFFER 1847), **syn. nov.**
Epiblema cervana EVERSMANN, 1844 (=*confusanum* HERRICH-SCHÄFFER, 1856) **syn. nov.**
Epiblema sarmatana CHRISTOPH, 1872, bona spec., has a priority over *fuchsiana* ROESSLER, 1877, and therefore is a removed from the subspecies of the lattest and the following new combination is established here as a subspecies: *Epiblema sarmatana fuchsiana* ROESSLER 1877, **comb. nov.**

Ancyllis diminutana HAWORTH, 1811 is listed here from Russia for the first time.
Semasia radiolana EVERSMANN, 1844 was formerly transferred correctly to Crambidae in synonymy to *Catoptria verellus* ZINCKEN, 1817 (=*radiolana* EVERSMANN, 1844). The doing is confirmed after studying the type material.

Introduction: This paper is the ninth in a series of publications[1], dealing with the composition of the recent fauna of tortricid moths and their relatives in the Middle Volga and the south-western Cisurals. This region comprises the administrative divisions of Astrakhan-, Volgograd-, Saratov, Samara-, Uljanovsk-, Orenburg-, Uralsk- and Atyraus-(=Gurjev) Districts, together with Tataria and Bashkiria. As practised in the previous parts of this series, only material reliably labelled, and spanning the last 25 years, was used for this study. The main collections are those of the authors: V. ANIKIN (Saratov, Volgograd, Astrakhan Distrs, Kalmyk Republik and Southern Ural, Orenburg Distr.), S. SACHKOV (Samara Distr.), V. ZOLOTUHIN (Uljanovsk Distr.), S. NEDOSHIVINA (Uljanovsk and Astrakhan Distrs and Kalmyk Republik) and T. TROFIMOVA (Samara and Uralsk

[1] This series was started in Atalanta **24**: 89-120 (1993)

Distrs and Bashkiria). For the same territories we also made use of literature data, i.e. for Uralsk Distr. (KUZNETSOV & MARTYNOVA, 1954) and Southern Ural (NUPPONEN et al., 2001). All the data from the XIX and early XX Centuries was taken into account, but only as a reference (KRULIKOVSKY, 1908, 1915; SHCHERBINOVSKY, 1919; REBEL, 1901; see also other parts of the cycle). Whilst compliting this list we also took advantage of the information from recent papers on this region (ANIKIN, 2002; NEDOSHIVINA, 2001-2003; SACHKOV, 1996, 1998; LASTUKHIN, 2001) and from monographs especially taxonomic ones (KUZNETSOV, 1987; DANILEVSKY & KUZNETSOV, 1968; RAZOWSKY, 1970, 1984, 2001, 2002, 2003) which were partly critically reviewed and revised. In the text we follow the system proposed by J. RAZOWSKY (2002, 2003) with some correction according AGASSIZ (2002).

The material in the collections of the Zoological Institute of the Russian Academy of Sciences at St.Petersburg (ZISP) (under curatorship of Prof. Dr. V. I. KUZNETSOV) and partly of the Moscow State University (under curatorship of Mrs E. M. ANTONOVA) have also been examined for our study. Also the private collections of V. KUPAYEV (Samara) and D. KOMAROV (Volgograd) were studied, to whom we express our sincere thanks. We also owe special thanks to the curator of the Lepidopteran collection at the Zoological Museum of the Russian Academy of Science Dr. S. Yu. SINEV (St.Petersburg) for help in our work. Cordial thanks we owe to Dr. D. EVSTIGNEEV (Uljanovsk) for sending reared material at our disposal, and Mrs VERA B. ISAJEVA (Uljanovsk) for her help in field researches.

For the ease of use, information is given in the form of a table, with the principal data of all species mentioned from the Volgo-Ural region. Many localities have been renamed during the last 150 years, the most important ones being listed below:

Uralsk - later Chkalov - now Uralsk.
Samara - later Kujbyshev - now Samara.
Simbirsk - now Uljanovsk.
Sarepta - now Krasnoarmejsk of the Volgograd District.
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 that dissapeared under Volga's water during erection of hydroelectrostations and following increasing of waters area. Before that Spassk had been situated in about 82 km ESE Kasan on the left bank of Volga.

Notes on the table:
column 1: Species number
- species is deleted from the list
column 2: Species name
column 3: Species listed by EVERSMANN (1844) within the regional limits of that territory
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 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
1 (2) G - species developes 1 (2) generation(s)
W - winter hibernation

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

In the text we hold the original spelling of the TL given by E. EVERSMANN, especially written on the original labels of EVERSMANN – those are given in Column "Comments" in [square brackets].

№	Species	EVERSMANN	ASTRAKHAN	VOLGOGRAD	SARATOV	SAMARA	ULJANOVSK	BASHKIRIA		URALSK	Flight period	Comments
1	2	3	4	5	6	7	8	9			11	12
	OECOPHORIDAE											
	DEUTEROGONIINAE											
1.	*Deuterogonia pudorina* (Wck., 1857)	-	-	-	-	-	+	-	-		11.VII 1990	The only male was collected on the light in the city of Uljanovsk. L: rotten wood.
	PLEUROTINAE											
2.	*Aplota palpella* (Haw., 1828)	-	-	+	+	-	-	-	-		VI-mVIII in 1G	Rare and local in dry steppes. L: Bryophyta.
3.	*Pleurota pyropella* (Den. & Schiff., 1775)	-	-	+	+	-	-	-	-		eIV-bVII in 1G	Local in sandy steppes. L: *Salvia.*
4.	*Pleurota malatya* Back, 1973	-	+	+	+	-	+	-	-		mVI-mVIII in 1G	Not common in steppes of different types. L: *Salvia*. In the region is presented by ssp. *atrostriata* Lvovsky, 1992 with TL: Belgorod district.
5.	*Pleurota contignatella* Chr., 1872	-	+	o	+	-	-	-	-		mVII-bVIII in 1G	Local in dry steppes. TL: Sarepta.
6.	*Pleurota bicostella* (Clerck, 1759)	+	-	-	+	-	+	-	-		VI-bVIII in 1G	Local on openings of humid coniferous and mixed forests. L: *Calluna, Erica.*
7.	*Pleurota kostjuki* Lvovsky, 1990	-	?	-	-	-	-	-	-		bVII in 1G	Noted on the boundary with Astrakhan Distr. in Kalmykia (Anikin, Saranova, 2003).
8.	*Pleurota aorsella* Chr., 1872	-	+	o	+	+	-	-	+		V-bVI in1G	Common, but local in dry steppes. TL: Sarepta.
9.	*Pleurota pungitiella* H.-Sch., 1854	-	-	-	+	-	+	-	+		eV-eVII in 1G	Not common in grass and clam steppes.
10.	*Pleurota aristella* (L., 1767)	+	-	+	+	-	-	-	?		VI-VII in 1G	Common, but local in dry steppes. Is known after old data also from Orenburg

											Distr. L: *Salvia*.
11.	*Holoscolia huebneri* Kocak, 1980 (=*forficella* Hbn., 1813)	-	-	-	+	-	+	-	+	VI-mVII in 1G	Rare in dry steppe. L: *Festuca*.
12.	*Minetia crinitus* (F., 1798) (=*barbella* F., 1794)	-	-	-	+	-	+	-	-	mV-mVII in 1G	Not rare, but very local in steppes, more typical for forest-steppes on chalky hills.
						OECOPHORINAE					
13.	*Endrosis sarcitrella* (L., 1758)	+	-	-	+	-	-	+	?	V-IX-W in 1-2G	Domestic species, but rare in steppe-forests. Was cited by E. as *Scardia Betulinella* (p. 533). Is known after old data also from Orenburg Distr. L: different dry organic products.
14.	*Metalampra cinnamomea* (Z., 1839)	-	-	-	+	+	+	-	-	eVI-mVII in 1G	Not common and local in humid forests of different types. L: rotten wood.
15.	*Bisigna procerella* (Den. & Schiff., 1775)	-	-	-	+	+	+	-	+	VI-mVIII; in 1G	Not common in sparse forests of different types. Noted from Ural by Lvovsky (2003). L: lichens *Physcia*, *Xanthoria*.
16.	*Schiffermuelleria schaefferella* (L., 1758)	+	-	+	+	+	+	-	+	eV-VII in 1G	Rare and local in humid forests. Was cited by E. as *Oecophora Hermannella* (1844: 596). L: rotten wood.
17.	*Epicallima formosella* (Den. & Schiff., 1775)	-	-	?	+	+	+	-	?	mVI-bVII in 1G	Not common in forests near the water. The species is known from Volgograg and Orenburg Distr. after old data. L: rotten wood, moss and lichens.
18.	*Epicallima gerasimovi* (Lvovsky, 1984)	-	-	-	-	+	-	-	-	25.VII 1990	This rare and local species is known in Russia only from Zhiguli Reserve (Lvovsky, Sachkov, 1994). In old fruit gardens. L: rotten wood of *Malus*.
19.	*Crassa tinctella* (Hbn. 1796)	-	-	-	-	-	-	-	-	VII in 1 G	The species is known from the nearest Tataria (Krulikovsky, 1909); should also be found from the Region under consideration. L: rotten wood and lichens at tree-trunks.
20.	*Borkhausenia minutella* (L., 1758)	-	-	-	-	-	-	-	-	VI-VII in 1 G	From nearest Kasan noted by L. Krulikowsky (1909); no fresh material in our disposal. L: rotten wood and dead plant

											residues.
21.	*Borkhausenia luridicomella* (H.-Sch., 1856)	-	-	-	+	+	-	-	-	eVI-VIII in 1G	Local in light forests. L: unknown.
22.	*Borkhausenia fuscescens* (Hw., 1828)	-	-	-	-	+	+	-	-	mVII-eVIII in 1G	Rare in light and sparse defolious forests. L: plant residues (decomposed leaves).
23.	*Denisia stipella* (L., 1758)	-	-	-	-	-	+	-	-	VI in 1G	Not rare, but local in humid coniferous and mixed forests. L: rotten wood.
24.	*Denisia similella* (Hbn., 1796)	-	-	-	+	-	+	-	+	eV-mVIII in 1G	Rare and local in humid forests or near the water. L: rotten wood.
25.	*Denisia stroemella* (F., 1779)	-	-	-	-	+	+	-	-	VI-mVII in 1G	Not common in mixed and oak forests. L: rotten wood.
26.	*Buvatina iremella* Junnilainen & Nupponen, 1999	-	-	-	-	-	-	-	?	VI	The species was described from S. Ural with TL: Cheliabinsk Distr.; should be also found in the Region under consideration.
27.	*Crassa unitella* (Hbn., 1796)	-	-	-	-	+	-	-	-	VI-VII in 1G	Very rare. L: rotten wood.
28.	*Pseudocryptolechia sareptensis* (Möschler, 1862)	-	-	o	-	-	-	-	?	bVI in ?1G	Rare in steppes. TL: Sarepta. One male was collected in the south of Orenburg Distr. at 3.VI 1998 (K. Nupponen).
		4	4	9	17	10	13	1	11		
					AMPHISBATIDAE						
29.	*Pseudatemelia josephinae* (Toll, 1956)	-	-	-	-	+	+	-	-	eVI-bVII in 1G	Rare and local in humid forests. L: dead leaves.
30.	*Pseudatemelia flavifrontella* (Den. & Schiff., 1775)	-	-	-	-	+	-	-	-	b-mVI in 1G	Very local and rare in humid broad-leaved forests. L: probably dead leaves.
31.	*Telechrysis tripuncta* (Hw., 1828)	-	-	?	-	+	-	-	-	11.VI 1990	From Sarepta is known after old data. L: probably rotten wood.
32.	*Hypercallia citrinalis* (Scop., 1763)	+	-	-	+	+	-	?	?	m-eVI in 1G	Rare in the edges of broad-leaved forests. From Bashkiria and Orenburg Distr. is known only after old data. L: *Polygala*.

33.	*Anchinia daphnella* (Den. & Schiff., 1775)	-	-	-	-	-	-	-	-	VI-VII in 1 G	From Kasan was noted by L. Krulikowsky (1909), should also be found in the Reg. under consideration. L: *Daphne*.
		1	0	1	1	4	1	1	1		
CHIMABACHIDAE											
34.	*Diurnea fagella* (Den. & Schiff., 1775)	-	-	-	+	+	-	-	-	eIV-bV in 1G	Common, but local in old oak forests. L: leaves of various deciduous trees and shrubs.
35.	*Diurnea lipsiella* (Den. & Schiff., 1775) (=*phryganella* Hbn., 1796)	-	+	-	+	+	-	-	-	eIX-mXI in 1 G	Rare in light forests. L: leaves of various deciduous trees and shrubs.
36.	*Dasystoma salicella* (Hbn., 1796)	+	-	-	-	+	+	-	-	IV in 1G	Rare and local in mixed forests on rocky slop. L: leaves of various deciduous trees and shrubs, especially *Salix* spp.
		1	1	0	2	3	1	0	0		
DEPRESSARIIDAE											
DEPRESSARIINAE											
37.	*Semioscopis oculella* (Thnbg., 1794)	+	-	-	+	-	+	-	-	mIV-mV in 1G	Not common in humid mixed and foliage forests. L: *Betula*.
38.	*Semioscopis avellanella* (Hbn., 1793)	+	-	-	+	+	+	-	-	mIV-mV in 1G	Common in mixed and foliage forests. L: leaves of different trees, especially *Betula* and *Salix*.
39.	*Semioscopis steinkellneriana* (Den. & Schiff., 1775)	+	-	-	+	-	+	-	-	mIV-mV in 1G	Rare and local in humid mixed and foliage forests. L: leaves of *Crataegus, Sorbus, Prunus, Fraxinus*.
40.	*Semioscopis strigulana* (Den. & Schiff., 1775)	-	-	-	-	-	+	-	-	m-eIV in 1G	Not common and local in sparse mixed forests and in parks. L: *Populus tremula*.
41.	*Luquetia lobella* (Den. & Schiff.., 1775)	-	-	-	-	-	+	-	-	VI in 1G	Very local but not rare in salt steppes of the south of the Uljanovsk Distr. L: *Prunus spinosa*.
42.	*Exaeretia allisella* Stt., 1849	-	-	-	+	-	+	-	?	eVII-VIII in 1G	Not rare in steppes of different types. From Orenburg Distr. is known after old data. L: in stems of *Artemisia vulgaris*.
43.	*Exaeretia lepidella* (Chr., 1872)	-	-	o	+	+	+	-	?	b-mVI in 1G	Not rare in steppes of different types. TL: Sarepta. From Orenburg Distr. is known after old data.
44.	*Exaeretia niviferella* (Chr., 1872)	-	-	o	-	+	-	+	?	eVIII-V	Edges of mixed and deciduous forests. TL: Sarepta. From

										in 1G	Uralsk Distr. the species is known after old data.
45.	*Exaeretia praeustella* (Rbl., 1917)	-	-	o	+	-	+	-	+	eVII-VIII in 1G	Rare and local in steppes of different types. TL: Sarepta. L: leaves of *Artemisia* spp.
46.	*Exaeretia ciniflonella* (Lienig & Zeller, 1846)	-	-	-	-	-	+	-	?	eVIII-W-bV in 1G	Local in humid forests of the northern limits of the region under investigation. From Orenburg Distr. is known after old data. L: leaves of *Betula, Populus, Salix.*
47.	*Levipalpus hepatariella* (Lienig & Zeller, 1846)	-	-	-	-	-	-	-	-	VII in 1G	The species is known from the nearest Tataria (Krulikovsky, 1909); should also be found from the Region under consideration.
48.	*Agonopterix nervosa* (Hw., 1811) (= *costosa* Hw., 1811)	-	-	-	-	-	+	-	?	b-mVII in 1G	Rare and very local on chalk hills and on sphagnum bogs. The species is known also from Orenburg Distr. after old data. L: *Sarothamnus, Cytisus, Genista.*
49.	*Agonopterix conterminella* (Z., 1839)	-	-	-	-	-	+	-	-	VII-W-bVI in 1G	Not common in foliage forests. L: *Salix* spp.
50.	*Agonopterix angelicella* (Hbn., [1813])	+	-	-	-	+	+	-	-	VII-W-eV in 1G	Very local in ruderal biotopes. L: *Aegopodium podagraria**, *Angelica, Heracleum.*
51.	*Agonopterix carduella* (Hbn., [1817])	-	-	-	-	-	-	-	?	mVII-W-eV in 1G	2 spesimens are known from the old Eversmann's collection from Kasan and Spasskoe (Orenburg district). No fresh material in our disposal. L: *Cirsium, Carduus, Arctium.*
52.	*Agonopterix alstromeriana* (Cl., 1759) (= *albidella* Ev., 1844)	+	-	-	+	+	+	-	?	VII-W-bVI in 1G	Noted by Ev. as *Haemylis Albidella* Ev. with TL: "in provincia Casanensi et in promontoriis Uralensibus". Common everywhere. Is known from Orenburg Distr. after old data. L: *Conium maculatum.*
53.	*Agonopterix ocellana* (F., 1775)	+	-	-	+	+	+	-	?	VIII-W-mV in 1G	Common in forests of different types, parks and plantations. Is known from Orenburg Distr. after old data. L: *Salix* spp.
54.	*Agonopterix arenella* (Den. & Schiff., 1775)	+	-	-	+	+	+	-	?	mVII-W-	Common everywhere. Is known from Orenburg Distr.

										mVI in 1G	after old data. L: *Carduus, Cirsium, Sonchus, Arctium lappa**.
55.	*Agonopterix propinquella* (Tr., 1835)	+	-	+	+	-	+	-	-	mVII-W-bVI in 1G	Common in forests and forest-steppe biotopes. L: *Cirsium, Centaurea, Carduus, Serratula.*
56.	*Agonopterix assimilella* (Tr., 1832)	-	-	?	+	+	+	-	-	VI-VII in 1G	Common in light forests and steppe-forests. Is known from Volgograd Distr. after old data. L: *Cytisus, Sarothamnus, Genista.*
57.	*Agonopterix purpurea* (Hw., 1811)	-	-	-	+	+	+	-	-	mVII-W-eV in 1G	Rare and local in sparse foliage forests. L: *Torilis, Anthriscus, Chaerophyllum.*
58.	*Agonopterix kaekeritziana* (L., 1767) (= *liturella* Den. & Schiff., 1775)	-	-	-	+	-	+	-	-	mVII-W-eV in 1G	Common, but local in light foliage forests. L: *Centaurea jacea**, *Lactuca tatarica**, *Cirsium, Saussurea.*
59.	*Agonopterix laterella* (Den. et Schiff., 1775)	-	-	-	+	-	+	-	?	mVII-W-eV in 1G	Not common in oak-birch forests. From Orenburg Distr. is known after old data. L: *Centaurea* spp.
60.	*Agonopterix ferocella* (Chret. in Spul., 1910)	-	-	+	-	+	-	-	-	VIII-W-bV in 1 G	Rare and local in the edges of deciduous forests. First record for Russia. L: *Cirsium.*
61.	*Agonopterix capreolella* (Z., 1839)	-	-	-	+	-	+	-	-	mVII-W-eV in 1G	Common in light forests and steppe-forests. L: *Pimpinella, Sium, Carum.*
62.	*Agonopterix curvipunctosa* (Hw., 1811) (=*zephyrella* Hbn., 1813)	-	-	+	+	-	+	-	?	mVII-W-eV in 1G	Not rare, but local in birch forests. From Orenburg Distr. is known after old data. L: *Anthriscus, Chaerophyllum, Angelica, Seseli.*
63.	*Agonopterix subpropinquella* (Stt., 1849)	-	-	-	+	-	-	-	-	m VII-W-eV In 1G	Rare in old oak forests. L: *Cirsium, Centaurea, Carduus, Sarothamnus.*
64.	*Agonopterix pallorella* (Z., 1839) (=*subpallorella* Stgr, 1871)	-	-	-	-	-	+	-	?	16.V 1998	A small sample of moths was collected in chalk steppe. From Orenburg Distr. is known after old data. L: *Centaurea, Arctium, Serratula.*
65.	*Agonopterix heracliana* (L., 1758) (=*applana* F., 1777)	+	-	+	-	+	+	+	?	mVII-W-eV in 1G	Rare in mixed forests. From Orenburg Distr. is known after old data. L: *Anthriscus, Torilis, Angelica, Heracleum, Pastinaca.*
66.	*Agonopterix ciliella*	-	-	-	-	-	+	-	-	VIII-	Local in mixed forests.

	(Stt., 1849)									W-bVI in 1G	L: *Angelica, Daucus, Anthriscus, Heracleum, Peucedanum.*
67.	*Agonopterix hypericella* (Hbn., 1817) (=*impurella* Tr., 1835)	-	-	-	-	+	+	-	-	mVII-W-bVI in 1G	Local in old foliage forests. L: *Hypericum perforatum.*
68.	*Agonopterix* sp.	-	-	-	-	-	+	-	-	5.VII ex larvae	Local but not rare in mixed forests. L: *Centaurea ruthenicus**. The species is somewhat similar to *A. squamosa* (Mann, 1864) but its status needs further verification.
69.	*Agonopterix atomella* (Den. & Schif., 1775)	+	-	-	-	-	+	-	-	mVII-W-eV in 1G	Rare in old mixed forests with swamp. L: *Genista, Sarothamnus, Cytisus.*
70.	*Agonopterix abditella* Hannemann, 1959	-	-	-	-	-	+	-	-	25.VI 1998	Very rare in mixed forests. Is known only after the only male collected in forest in 150 km SW from Uljanovsk.
71.	*Depressaria sordidatella* Tengstr., 1848 (=*weirella* Stt., 1849; =*gudmanni* Rbl., 1927)	-	-	-	-	+	+	-	-	VII-W-eV in 1G	Humid mixed forests. L: *Aegopodium, Anthriscus, Chaerophyllum, Pastinaca.*
72.	*Depressaria olerella* Z., 1854	-	-	-	+	+	+	-	-	VIII-W-bV in 1G	Not common in forest-steppe and forests of different types. L: *Achillea, Tanacetum.*
73.	*Depressaria indecorella* Rbl., 1917	-	-	-	-	-	-	-	?	VI in 1G	TL: Orenburg. No fresh material in our disposal.
74.	*Depressaria badiella* (Hbn., 1796)	+	-	-	-	+	+	+	-	VIII-W-eV in 1G	Local in different biotopes. L: *Sonchus, Taraxacum, Heracleum, Pastinaca.*
75.	*Depessaria pimpinellae* Z., 1839	-	-	-	-	+	+	-	-	mVIII-W-V in 1G	Not common in steppe and forest steppe. L: *Pimpinella.*
76.	*Depressaria libanotidella* Schlager, 1849	-	-	-	-	-	-	-	-	VIII-W-V in 1G	The species is known from the nearest Tataria (Krulikovsky, 1909); should also be found from the Region under consideration. L: *Libanotis, Laserpitium, Pimpinella, Anethum.*
77.	*Depressaria heraclei* (Retzius, 1783) (=*pastinacella* Dup., 1838)	-	-	-	+	+	+	-	-	eVII-W-bVI in 1 G	Common in birch forests. L: *Anethum**, *Heracleum, Pastinaca, Angelica.*
78.	*Depressaria ultimella* Stt., 1849	-	-	-	+	-	+	-	+	VIII-W-bVI in 1G	Not common in cities and forest-steppes. L: *Oenanthe, Sium, Cicuta, Apium.*

79.	*Depressaria rubricella* (Den. & Schiff., 1775) (=*daucella* Den. & Schiff., 1775; =*apiella* Hbn., 1796)	-	-	-	+	+	-	-	-	mVII-W-bVI in 1G	Local in forests and steppe-forests. L: *Daucus**, *Pastinaca, Carum, Cicuta, Sium, Oenanthe.*
80.	*Depressaria leucocephala* Snell., 1884 (=*thomanniella* Rbl., 1917; = *urzhumella* Krul., 1909)	-	-	-	-	-	-	-	-	mVII-W-eV in 1G	The species was pointed from Kazan Gubernia by Krulikowsky (1909). No fresh material in our disposal. TL for *thomanniella* Rbl. is Switzerland, *urzhumella* Krul. is nomen nudum. L: *Artemisia vulgaris.*
81.	*Depressaria chaerophylli* Zeller, 1839	-	-	-	-	-	-	-	-	VII-W-V in 1G	The species is known from the nearest Tataria (Krulikovsky, 1909); should also be found from the Region under consideration. L: *Chaerophyllum, Anthriscus.*
82.	*Depressaria depressana* (F., 1775) (=*depressella* F., 1798)	-	+	-	+	+	+	+	?	VII-W-eV in 1G	Not rare in steppes. From Orenburg Distr. is known after old data. L: *Pimpinella, Peucedanum, Daucus, Pasinaca, Heracleum.*
83.	*Depressaria pulcherrimella* Stt., 1849 (=*semenovi* Krul., 1903)	-	-	-	-	-	-	-	?	mVII-W-eV in 1G	Not common in foliage forests. From Kasan was noted by Krulikowsky (1909). TL for *semenovi* Krul. is Urzhum (Kirovsk Distr.). From Orenburg Distr. is known after old data. L: *Pimpinella, Cnidium, Bunium, Seseli.*
84.	*Depressaria albipunctella* (Den. & Schiff., 1775)	+	-	-	-	-	-	-	-	mVII-W-eV in 1G	The species was noted by E. as *Haemylis Albipunctella* from "provincia Casanensi et in tractu Menselinskio" Also was pointed out from Kazan and Spassk by Krulikowsky, 1909. No material in our disposal. L: *Chaerophyllum, Conium, Anthriscus, Torilis, Seseli.*
85.	*Depressaria hystricella* Moeschler, 1860	-	-	o	+	-	-	-	-	mVII-W-eV in 1G	Rare in forest-steppes. TL: Sarepta. L: *Spiraea.*
86.	*Orophia denisella* (Den. & Schiff., 1775)	+	-	-	-	-	+	-	?	VI-bVII in 1G	Rare in chalk steppe. From Orenburg Distr. is known after old data.
87.	*Orophia ferrugella* (Den. & Schiff., 1775)	+	-	-	+	-	-	-	-	VI-VII in 1G	Rare and local in stepped biotopes. L: *Campanula.*

		14	1	9	24	19	37	4	10		
	TOTAL	20	6	19	44	36	52	6	31		

As a result, 510 species of the Tortricidae are listed for the modern Volgo-Ural fauna. 378 species are recorded from the region in addition to EVRSMANN's list of 1844. At the same time, we cannot affirm that all the species known of the family under this study are completely known now; moreover, we suppose that some dozens of species will be added to the list in the nearest future, especially those from desert and semidesert zones of the Lower Volga and mountains of Bashkiria. Some alterations in the list can be also caused by taxonomic revisions and changes in the status of sole taxa.

References

AGASSIZ, D. (2002): Book Review. RAZOWSKI, J. 2001. Die Tortriciden (Lepidoptera, Tortricidae) Mitteleuropas. F. Slamska, Bratislava. - Nota lepid. **25**: 152-154, Wetteren, Belgien.

AIBASOV, KH. A. (1975): Fauna of the Lepidoptera of Western Kazakhstan. - VINITI. P. 102-150, Moscow (in Russian).

ANIKIN, V. V. (2002): Notes to the host-plant relationships of Lepidoptera (Insecta) in Lower Volga region. - Povolzhskij Ecologic. J. 1: 66 – 68, Saratov (in Russian).

ECKER, A. (1862): Botanische und entomologische Mitteilungen. - Bull. Soc. Nat. Moscou. **35**: 332-355, Moscow.

DANILEVSKY, A. S. & V. I. KUZNETSOV (1968): Insecta Lepidoptera. Family Tortricidae, tribe Laspeyresiini. – Fauna SSSR. **5** (1), Leningrad (in Russian).

KRULIKOVSKY, L. (1908): Neues Verzeichnis der Lepidopteren des Gouvernements Kasan (östl. Russland). – Dt. Ent. Z. Iris **21**: 202-272, Dresden-Radebeul.

KRULIKOVSKY, L. (1915): To the knowledges about Lepidoptera of Sergievsk environs of Samara prov. - Russ. Entomol. Rev. **15**: 218-222. Peterburg [sic!] (in Russian).

KUZNETSOV, V. I. (1978): Fam. Tortricidae (Olethreutidae, Cochylidae). In MEDVEDEV, G.S. (ed.). Keys to the Insects of the European part of the USSR **4**(1). Lepidoptera. „Nauka" P. 193 – 680, Leningrad.

KUZNETSOV, V. I. & E.F. MARTYNOVA (1954): A list of Lepidoptera of the middle course of Ural river. - Trudy Zool. Inst. AN SSSR **16**: 32-350, St. Petersburg (in Russian).

KUMAKOV, A. P. & JU. P. KORSHUNOV (1979): Lepidoptera of Saratov District [Cheshuekrylye Saratovskoj oblasti]. - Saratov University Press. 240 pp. (in Russian).

LASTUKHIN, A. A. (2001): A role of the federally preserved natural territories in conservation of a biodiversity of Tortricidae (Lepidoptera) of Chuvash Republic. – Ecolog. Vestnik Chivash Rep. **26**: 44 – 59, Tsheboksary.

NEDOSHIVINA, S.V. (2001): To a study of tortricid moths of the fauna of the Uljanovsk Region. – In: Priroda Simbirskogo Povolzhia **2**: 121-127, Uljanovsk (in Russian).

NEDOSHIVINA, S.V. (2002a): On little-known or new species of tortricid moths (Lepidoptera, Tortricidae) for the fauna of Russia from the territory of the Uljanovsk Region. Proceedings of XII Congr. Russian Entomol. Soc. St. Petersburg. P. 253 (in Russian).

NEDOSHIVINA, S.V. (2002b): Distribution and some aspects of ecology of tortricid moths (Lepidoptera, Tortricidae) in the Lower Volga Region. – [Povolzhskij ekologicheskij zhurnal] **3**: 293-296, Saratov (in Russian).

NEDOSHIVINA, S.V. (2002 b): Lepidoptera, Tortricidae: Archipini and additions to specific compound of Grapholithini of a fauna of the Uljanovsk Region. In: Priroda Simbirskogo Povolzhia **3**: 115-121, Saratov (in Russian).

NEDOSHIVINA, S.V. (2003): Tortricid moths of the tribe Olethreutini (Lepidoptera, Tortricidae) of the fauna of Uljanovsk Region. - In: Priroda Simbirskogo Povolzhia **4**, Uljanovsk (in Russian).

NUPPONEN, K., JUNNILAINEN, J., NUPPONEN, T. & V. OLSCHWANG (2001): The cochylid fauna of the Southern Ural Mountains, with description of *Cochylimorpha ignicolorana* JUNNILAINEN & K. NUPPONEN sp.n. (Lepidoptera: Tortricidae: Cochylini) – Ent. Fennica **12**: 94– 107, Helsinki.

RAZOWSKI, J. (1970): Cochylidae. In: AMSEL, H.G., GREGOR, F. & H. REISSER (ed.). Microlepidoptera Palaearctica **3**: IV + 528 pp., 161 pls, .

RAZOWSKI, J. (1984): Tortricini – in: AMSEL H.G., GREGOR F., REISSER H. & U. R. ROESLER (ed.). Microlepidoptera Palaearctica **6**, Karlsruhe, VII-XV + 376 pp., 138 pls.

RAZOWSKI, J. (2001): Die Tortriciden (Lepidoptera, Tortricidae) Mitteleuropas. – Bratislava.

RAZOWSKI, J. (2002): Tortricidae (Lepidoptera) of Europe. Vol. 1. Tortricinae and Chlidanotinae. – Bratislava.

RAZOWSKI, J. (2003): Tortricidae (Lepidoptera) of Europe. Vol. 2. Olethreutinae. – Bratislava.

REBEL, H. (1901): Catalog der Lepidopteren des Palaearctischen Faunengebietes. II Theil: Famil. Pyralidae – Micropterygidae. - Berlin.

SACHKOV, S. A. (1996): Seasonal dynamics and annual cycles of moths and butterflies of Samarskaja Luka. - Samarskaja Luka **8**: 40-63, Samara (in Russian).

SACHKOV, S. A. (1998): Lepidoptera. In: Nasekomye Zhiguljovskogo zapovednika. - Flora i fauna zapovednikov **61**: 48-132, Moskva (in Russian).

SHERBINOVSKY, N. (1919): Diary of Samara nature in 1916. - Samar. Gub. Otd. Nar. Obraz. Samara, 146 pp., Samara (in Russian).

VEBER, YA. KH. (1941): 1. Nasekomye, vrednye v sel'skom khozjaistve. – Zhivotnyj mir Srednego Povolzhija. Kujbyshev: OblGIZ.: 133-168, Kujbyshev (in Russian).

Addresses of the authors

Dr. VASILY V.ANIKIN
University, Dept. of Animal Morphology and Ecology
ul. Astrakhanskaja 83
RUSSIA-410026 Saratov

Dr. SERGEY A. SACHKOV & TATYANA A. TROFIMOVA
University, Dept. of Ecology, Botany and Nature Protection
ul. Acad. Pavlova 1
RUSSIA-443011 Samara

SVETLANA V. NEDOSHIVINA
St. Petersburg State University,
Department of Entomology
Universitetskaja nab. 7/9
RUSSIA-199034 St. Petersburg

Dr. VADIM V. ZOLOTUHIN
Pedagogical University,
Deptartment of Zoology
100-letia Lenina 4
RUSSIA-432700 Uljanovsk

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: Atalanta

Jahr/Year: 2005

Band/Volume: 36

Autor(en)/Author(s): Anikin Vasily Victorovich, Sachkov Sergej A., Zolotuhin Vadim V., Nedoshivina Svetlana, Trofimova Tatyana A.

Artikel/Article: -Fauna Lepidopterologica Volgo-Uralensis- 150 years later: Changes and additions. Part 9: Tortricidae 559-572