On the casebearer fauna of the Lower Volga region (Lepidoptera: Coleophoridae)

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A checklist of the Coleophoridae of the south-eastern part of European Russia is presented. Most of the material is collected in Saratov Province. 40 genera and more than 130 species are recorded, almost 50 among them for the first time in Russia (before the present work these species were recorded only from Western Europe or Middle Asia). For a number of species data on host plants are reported for the first time. In the list, the modern nomenclature is used.

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The casebearer fauna is well investigated in Western and Central Europe (Leraut, 1980; Razowski,1990) and in Middle Asia (Falkovitsh, 1986, 1988, 1989, 1992; Petshen, 1989, 1992; Reznik, 1989, 1992), but poorly studied in the European part of Russia. Among the latest faunistic works in this region, a review of the genus *Multicoloria* Căp. (Reznik, 1977) and a short checklist for the Vyborg Nature Reserve, Leningrad Province (Sukhareva & Falkovitsh, 1984) should be mentioned.

For the Lower Volga region, we have a checklist including 12 species (Christoph, 1872). Some descriptions of new species were made by S. Toll (1957, 1961) from the Sarepta vicinity (now Krasnoarmeysk, a suburb of Volgograd).

The purpose of this work is to present information from our collections and other sources on the distribution of casebearers in the south-eastern part of European Russia.

The material was collected in 1985-1995 using a quartz-lamp (240 v) mainly in Saratov Province (not mentioned when the material is listed). 40 genera and more than 130 species are recorded, almost 50 among them are recorded for the first time from Russia (before the present work these species were recorded only from Western Europe or Middle Asia). For a number of species data on host plants are reported for the first time.

The territory investigated includes steppe, semi-desert and desert zones. Sandy and halophilous vegetation mainly consists of *Salsola* and *Artemisia* formations, and some desert plants are present (species of *Acanthophyllum, Ammodendron, Corispermum, Haloxylon, Salsola, Calligonum* and others). Some plants (*Alhagi, Halimodendron, Caragana, Elaeagnus*) are immigrants that have been moving along railways and highways to the north. The forest-steppe zone occupies only the northern border of the region in Saratov Province. There are both broad-leaved and small-leaved forests here.

The structure of fauna in the northern and southern parts of the region is greatly influenced by the peculiarities of climate and dominant plant groups. For the northern localities and for the area west of the Volga (up to Kamyshin) a high percent of European species is characteristic. On the contrary, steppe and desert habitats east of Volga in the Volgograd and Astrakhan provinces are populated by species of *Multicoloria, Ecebalia, Casignetella, Carpochena* usually living on the Chenopodiaceae, Asteraceae, and Fabaceae. These plants play an important role in the plant cover in arid zones. That is why many of the casebearer

genera are associated with these families (Falkovitsh, 1990).

Zoogeographically, the Lower Volga region includes parts of three Palaearctic districts – Nemoral (to be more exact, its southern, transitional zone), Scythian (parts of the Pontic and Kazakhstan provinces) and Irano-Turanian (the Caspian portion of North-Turanian province) (terminology by Emeljanov, 1974). It is the cause of the mixed structure of the fauna in the region studied.

The taxonomic order in the checklist corresponds mainly to Toll (1953, 1962), but we use modern generic names. The preoccupied generic name *Aurelinia* Căpuşe, 1971 is replaced with its subjective synonym *Ecebalia* Căpuşe, 1973. Information is given in the following sequence:

1. Specific name (with the most often used or the most important synonyms).

2. Material or reference to the publications in which the species is mentioned for this territory.

3. Distribution (based on the latest information).

The specimens collected are kept in the Zoological Institute of the Russian Academy of Sciences (St.Petersburg) and in the Saratov University.

CHECKLIST

Augasma aeratellum (Zeller, 1939). Dyakovka, Nature Reserve, 8.VIII.1991, 3 ♂. – Europe.

Metriotes lutarea (Haworth, 1828) (*modestella* Duponchel, 1839). Saratov environs, forest-park zone, 19.V.1987, 1 ♂, 4 ♀. – Europe.

Casas albella (Thunberg, 1788) (*leucapennella* Hübner, 1796). Saratov environs, 30.VII.1988, 3 ♂, 1 ♀; Shikhany-2, 1.VII.1992, 2 ♂, 3 ♀. – W Palaearctic.

Postvinculia lutipennella (Zeller, 1838). Chardym I., 10.VII.1992, 2 ♀. – Europe, Asia Minor, Lebanon.

Frederickoenigia flavipennella (Duponchel, 1843). Burkino, 28.VI.1992, 1 ♂. – Europe, Caucasus, Asia Minor.

Systrophoeca siccifolia (Stainton, 1856). Seleznikha, 27.VII.1992, 1 ♂. – Transpalaearctic.

Haploptilia serratella (Linnaeus, 1761) (*fuscedinella* Zeller, 1849). Volsk, 10.VI.1989, 3 ♂. – Holarctic.

H. spinella (Schrank, 1802) (*cerasivorella* Packard, 1870, *serratella* auct.). Saratov, in garden, 5.VII. 1986, 1 ♂, 2 ♀; Neyolovka, 2.VII.1991, 2 ♂. – Holarctic.

Dumitrescumia cecidophorella (Oudejans, 1972) (*icterella* Toll, 1949). Chardym I., 19.VII.1990, 2 ♂; Saratov, in garden, 28.VII.1990, 1 ♂, 1 ♀. – Middle and S Europe.

Kasyfia orbitella (Zeller, 1849). Saratov, in garden, 11.05.1987, ex l. 30.V.1987, 1 ♂. – W Palaearctic.

Tollsia violacea (Ström, 1783) (*hornigi* Toll, 1952, *paripennella* auct.). Khvalynsk Distr., Cherkaskoye, 12.VII.1994, 2 ♂, 2 ♀. – Europe, Zailiysk Alatau, Egypt.

Rhamnia ahenella (Heinemann & Wocke, 1877). Vicinity of Saratov, 31.V.1987, 1 ♂. – Europe.

Protocryptis sibiricella Falkovitsh, 1972 (*sibirica* Falkovitsh, 1964). Saratovka River, 16.VII.1992, 2 ♂. – Fennoscandia, European part of Russia, Siberia (eastward to Baikal).

Orthographis uralensis (Toll, 1961). Seleznikha, 28.V.1992, 2 ♂; Volgograd Prov., El'ton Lake, 1-3.V.1994, 3 ♂. – W Palaearctic (southern part).

O. ptarmicia (Walsingham, 1910). Khvalynsk Distr., Cherkaskoe, 18.VI.1994, on *Achillea millefolium*, ex l. 24.VII.1994, 2 ♂, 4 ♀. – W Palaearctic (except northern part).

Helvalbia lineolea (Haworth, 1828). Khvalynsk distr., vill. Cherkaskoe, 19.VI.1994, 1 ♀. – W Palaearctic (except northern part).

Polystrophia calligoni (Falkovitsh, 1972). Astrakhan, 10.VI.1915, 1 ♂ (Doinikov). – Lower Volga, Middle Asia, Mongolia (desert regions).

Ascleriducta lithargyrinella (Zeller, 1849) (*solitariella* Herrich-Schäffer, 1855, *olivaceella* Steph., 1854). Balashov Distr., Nikolayevka, 4.VII. 1993, 1 ♂, 1 ♀; Khvalynsk Distr., Cherkaskoe, 22.VII.1993, 2 ♂. – Europe.

Aporiptura ochroflava (Toll, 1961). Volgograd Prov., El'ton Lake, cases 18.IX.1994, on *Atriplex nitens* and *A. verrucifera*, ex l. in laboratory during winter 1995, ♂♂, ♀♀. – S Europe, Middle Asia.

A. klimeschiella (Toll, 1952). Dyakovka, Nature Reserve, 10.VIII.1991, 1 ♂, 1 ♀. – E Mediterranean region, steppe zone and deserts: from Greece and Hungary to Pakistan.

A. eurasiatica (Baldizzone, 1989). Vicinity of Saratov, Oktyabrskoe Ushchelye, cases 3-27.VI.1994 on *Kochia prostrata*, ex l. 14-21.VII.1994, 2 ♂, 1 ♀. – Steppe zone of Europe and Asia (locally from Hungary to Korea).

A. lonchodes Falkovitsh, 1994. Volgograd Prov., Pallasovka Distr., El'ton Lake, cases 24.IV.1993 on *Suaeda physophora*, ex l. 20-30.VI.1993, ♂♂, ♀♀; same locality, 18.IX.1994, ex l. in laboratory during winter, 4 ♂, 5 ♀. – Lower Volga region, Kazakhstan.

A. physophorae Falkovitsh, 1994. Volgograd Prov., El'ton Lake, 3.V.1994, 1 ♂. – Lower Volga region, Kazakhstan.

A. dissecta Falkovitsh, 1989. Volgograd Prov., El'ton Lake, cases on *Halocnemum strobilaceum* 18-19.IX.1994, ex l. in laboratory during winter 1995, ♂♂, ♀♀. – Lower Volga region, Kazakhstan, Transcaucasia.

A.? nigridorsella (Amsel, 1935). Dyakovka, Nature Reserve, 7.VIII.1991, 1 ♀. – Balkan Peninsula, Near East, Asia Minor, Lower Volga region, Turkmenistan (Kopetdagh).

Amselghia fringillella (Zeller, 1839). Presence of this species in Lower Volga region (Christoph, 1972) need to be confirmed. – Central and S Europe, ?Asia Minor.

A. argyrella (Herrich-Schäffer, 1856). Originally described from the environs of Sarepta. – Lower Volga region, Syria.

Ardania sp. (pr. *saturatella* Stainton, 1850). Saratovka River, case 28.VII.1994, ex l. 8.VIII.1994, 1 ♀. – Middle Europe.

Valvulongia falcigerella (Christoph, 1872). Originally described from the environs of Sarepta. – Lower Volga region, Kazakhstan, Middle Asia.

Damophila mayrella (Hübner, 1813) (*spissicornis* Haworth, 1828). Common everywhere in the region. – Transpalaearctic, introduced in N America and New Zealand.

D. deauratella (Lienig & Zeller, 1846). Common everywhere. – Transpalaearctic, introduced in N America.

D. alcyonipennella (Kollar, 1832) (*cuprariella* Zeller, 1847, *frischella* auct.). Everywhere. – Transpalaearctic, introduced in N America, Australia, and New Zealand.

D. frischella (Linnaeus, 1758) (*auronitella* Toll, 1962, *cuprariella* auct.). Vicinity of Saratov, 3.VI.1986, 1 ♂, 2 ♀. – W Palaearctic.

D. trifolii Curtis, 1832 (*melilotella* Scott, 1861, *frischella* auct.). Common everywhere in the region. – Transpalaearctic, introduced in North America.

Calcomarginia ballotella (Fischer von Röslerstamm, 1839). Vicinity of Saratov, 21.VI.1986, 1 ♂. – Europe.

Chnoocera botaurella (Herrich-Schäffer, 1861). Dyakovka, Nature Reserve, 8.VIII.1991, 1 ♂, 1 ♀. – Lower Volga region, Kazakhstan, Middle Asia, Iran.

Symphypoda parthenica (Meyrick, 1891) (*cygnipennella* Toll, 1956, *transcaspica* Toll, 1959). Saratov, 10,VI.1986, 1 ♀; Dyakovka, Nature Reserve, 8.VIII. 1991, 2♀. – S Palaearctic from Algeria and Greece to Mongolia.

Oedicaula serinipennella (Christoph, 1872). Common everywhere in steppe and desert zones. – Transpalaearctic (southern part).

Coleophora anatipennella (Hübner, 1796) (*bernoulliella* auct.). Vicinity of Marks, 10.VI.1986, 2 ♂, 1 ♀. – Europe, Caucasus, S Siberia, Iran, Mongolia.

C. albidella (Denis & Schiffermüller, 1775). Saratovka River, 8.VII.1994, 1 ♂. – Transpalaearctic.

C. betulella (Heinemann & Wocke, 1877). Khvalynsk Distr., Cherkaskoe, 26.VI.1994, 1 ♂. – Europe.

C. palliatella (Zincken, 1813) (*kuehnella* auct.). Saratov, in garden, 20.VI.1993, 5 ♂, 6 ♀; Khvalynsk Distr., Cherkaskoe, 18.VI.1994, 5 ♂, 2 ♀. – Europe, Caucasus, Asia Minor.

C. ibipennella Zeller, 1849 (*nemorum* Heinemann, 1854, *adreaepennella* Scott, 1860). Saratov, in garden, 13.VI.1986, 1 ♂, 1 ♀. – Europe, N Africa, Lebanon.

Phagolamia virgatella (Zeller, 1849). Khvalynsk Distr., Cherkaskoe, 15.VI.1994, 2 ♂, 1 ♀. – Middle and S Europe, Asia Minor.

Ph. auricella (Fabricius, 1794). Khvalynsk Distr., Cherkaskoe, on *Stachys recta*, 18.VI.1994, ex l. 25-29.VI.1994, 8 ♂, 11 ♀. – Europe (except northern part).

Apista impalella (Toll, 1961). Originally described from the environs of Sarepta. – Lower Volga region (Volgograd Prov.).

A. gallipennella (Hübner, 1796). Balashov Distr., Nikolyevka, 4.VII.1993, 2 ♀. – Europe, Asia Minor, S Siberia, Mongolia.

Razowskia coronillae (Zeller, 1849). Dyakovka, Nature Reserve, 8.IX.1991, 1 ♀. – W Palaearctic.

Multicoloria astragalella (Zeller, 1849). Recorded for the region by Christoph (1872). – Transpalaearctic (southern part, mainly the steppes).

M. vicinella (Zeller, 1849). Dyakovka, Nature Reserve, 25.VI.1993, 1 ♀. – W Palaearctic (southern half).

M. cracella (Vallot, 1835). Recorded for the region by Reznik (1977). – S Europe.

M. paraspumosella (Toll, 1957). Originally described from Sarepta. Khvalynsk Distr., Cherkaskoe, 22.VII.1994, 1 ♀. – Lower Volga region.

M. cartilaginella (Christoph, 1872) (*echinella* Staudinger, 1880). Burkino, case in mixed forest 3.VI.1990, ex l. 1 ♀ 18.VI.1990. – W Palaearctic (southern part).

M. vibicella (Hübner, [1813]). Dyakovka, Nature Reserve, 27.V.1993, on *Genista tinctoria*, ex l. 18.VI.1993, 2 ♂, 1 ♀. – Middle and S Europe, Asia Minor, S Siberia; in Mongolia represented by a separate subspecies.

M. fuscociliella (Zeller, 1849) (*medicaginis* Herrich-Schäffer, 1861). Recorded from the region by Christoph (1872). – W Palaearctic (southern part from Italy to Altai).

M. singreni (Falkovitsh, 1973). Dyakovka, Nature Reserve, 25.V.1993, on Astragalus varius, ex l. 20.VII.1993, 3 ♂, 1 ♀. – Lower Volga region, Middle Asia.

M. caelebipennela (Zeller, 1839). Khvalynsk Distr., vill. Cherkaskoe, 12.VI.1994, 1 ♂. – Transpalaearctic.

M. conspicuella (Zeller, 1849) (*similis* Staudinger, 1880). Christoph, 1872. – Transpalaeartic.

M. inconstans Reznik, 1975. Bol'shaya Tavolozhka, 16.V.1991, 1 ♂. – Lower Volga region, Kazakhstan, Kyrgyzstan, Altai, Mongolia (mainly steppes and semideserts).

M. stachi (Toll, 1957). Originally described from the environs of Sarepta. – Known only from the type locality.

M. ditella (Zeller, 1849). Lipovka, 28.VI.1991, 1 ♂. – Europe, N Africa, Middle Asia, Iran, Mongolia.

M. vibicigerella (Zeller, 1839) (*didyma* Toll, 1957). Dyakovka, Nature Reserve, 15.V.1991, 2 ♂, 5 ♀. – Transpalaearctic.

M. partitella (Zeller, 1849). Recorded from the region by Christoph (1872). – Europe, Transcaucasia, Asia Minor.

Eupista ornatipennella (Hübner, 1796). Common everywhere in the region. – Middle and S Europe, the Caucasus, Asia Minor, Middle Asia (Kopetdagh).

E. lixella (Zeller, 1849). Burkino, 6.VII.1990, 1 ♂; Penza, steppe, 28.VI.1991, 1 ♂, 1 ♀. – S Europe, the Caucasus, Asia Minor.

Klimeschja oriolella (Zeller, 1849) (*mongetella* Chrétien, 1900). Petrovsk Distr., Ozerki, 8.VII.1993, 1 ♂, 2 ♀. – E Palaearctic (except northern part).

Bourgogneja pennella (Denis & Schiffermüller, 1775) (*onosmella* Brahm, 1791, *diffinis* Staudinger, 1880). Khvalynsk Distr., Cherkaskoye, 16.VI.1994, on *Hieracium* sp., ex l. 22-27.VI.1994, 6 ♂, 3 ♀. – W Palaearctic (middle and southern parts).

Perygra alticolella (Zeller, 1849) (*caespititiella* auct.). Khvalynsk Distr., Vozrozhdenie, 27.VI.1993, 5 ♂, 2 ♀. – Holarctic.

P. glaucicolella (Wood, 1892). Dyakovka, Nature Reserve, forest, 15.V.1990, 2 ♂, 1 ♀. – Holarctic.

P. adjunctella (Hodgkinson, 1882). Khvalynsk Distr., Vozrozhdenie, 17.VI.1993, 1 ♂. – W Palaearctic.

P. taeniipennella (Herrich-Schäffer, 1855). Petrovsk Distr., Ozerki, 7.VI.1993, 1 ♂, 1 ♀. – W Palaearctic.

Ecebalia therinella (Tengström, 1848). Dyakovka, Nature Reserve, 8.VIII.1991, 4 ♀; Seleznikha, 2.VIII.1992, 1 ♂. – Transpalaearctic.

E. vestianella (Linnaeus, 1758) (*laripennella* Zetterstedt, 1839). Shikhany, cases 20 IX.1993 on *Chenopodium*. Mass species in the region. – Transpalaearctic.

E. gaviaepennella (Toll, 1952). Dyakovka, Nature Reserve, 9.VIII.1991, 5 ♂, 2 ♀; Volgograd Prov., Pallasovka, 14.VIII.1991, 3 ♂, 2 ♀; vicinity of Shikhany, 2.VIII.1992, 2 ♂, 1 ♀; El'ton Lake, cases 18.IX.1994 on *Atriplex tatarica* and *A. nitens*, ex l. in laboratory during winter 1995. – W Palaearctic (southern part) and Mongolia.

E. magyarica (Baldizzone, 1983). Dyakovka, Nature Reserve, 7.VIII.1991, 3 ♂, 2 ♀. – Hungaria, Lower Volga region, Kazakhstan, Middle Asia (steppes and deserts).

E. superlonga (Falkovitsh, 1989)? Deficiency of material do not allow reliable identification of the species. Dyakovka, Nature Reserve, cases 12-16.VIII and 17.X.1993, on *Kochia prostrata*, ex l. in laboratory during winter 1994, 2 ♀. – Crimea, Kazakhstan.

Ecebalia sp. (pr. *lunenis* Falkovitsh, 1975). Astrakhan Nature Reserve, 10.VIII.1968, 1 ♂ (Penchukovskaya).

E. eichleri (Patzak, 1977). Volgograd Prov., El'ton Lake, cases 18.IX.1994 on *Kochia prostrata*, ex l. in laboratory in 1995, 2 ♂, 2 ♀. – Lower Volga region, Transcaucasia, Middle Asia.

E. saxicolella (Duponchel, 1843) (*flavaginella* auct). Common everywhere. – W Palaearctic.

E. motacillella (Zeller, 1849). Dyakovka, Nature Reserve, 9.VIII.1991, 1 ♂; Seleznikha, 10.VIII.1992, 1 ♂. Shikhany, cases 22.IX.1993 on *Chenopodium*, ex l. 2 ♂. – W Palaearctic (to Altai).

E. sternipennella (Zetterstedt, 1839) (*flavaginella* Liening & Zeller, 1846). Dyakovka, Nature Reserve, 20.VII.-11.VIII.1991, 6 ♂, 3 ♀; Saratov, garden, cases collected 20.V.1992, ex l. 12.VIII.1992, 2 ♂, 5 ♀; Saratov, cases 15.X.1993 on *Chenopodium*; Volgograd Prov., El'ton Lake, cases 18.X.1994 on *Atriplex nitens*. – W Palaearctic.

E. versurella (Zeller, 1849). Mass species in the region. – Holarctic, recorded also from Argentina.

E. pseudolinosyris (Kasy, 1979). Shikhany, 2.VII.1992, 1 ♀. – Europe (southern part), W Siberia eastward to Baikal.

E. tyrrhaenica (Amsel, 1951). Dyakovka, Nature Reserve, 9.VIII.1991, 2 ♂. – S Europe.

E. adspersella (Benander, 1939). Chardym I., 20.VII.1990, 1 ♂: Dyakovka, Nature Reserve, 10.VIII.1991, 1 ♀; Saratov, garden, case found 14.VI.1992, ex l. 7.VII.1992, 1 ♀; Volgograd Prov., El'ton Lake, cases 19.IX.1994 on *Atriplex verrucifera*, ex l. 26.IV.1995, 1 ♂. – Europe.

E. tornata (Falkovitsh, 1989). Dyakovka, Nature Reserv, case 17.IX.1993 on *Kochia prostrata*, ex l. in laboratory during winter 1994, 1 ♂. – Lower Volga region, Kazakhtan.

E. aestuariella (Bradley, 1984)? The moths differ from European specimens in the presence of armature on the both phallotheca rods. Volgograd Prov., El'ton Lake, cases on *Suaeda maritima* 18.IX.1994, ex l. in laboratory in winter 1995, 2 ♂, 3 ♀. – Europe (southern part).

E. anabaseos (Falkovitsh, 1978). Volgograd Prov., El'ton Lake, case 18.IX.1994, ex l. 1 ♂. – Lower Volga region, Kazakhstan.

E. charadriella (Baldizzone, 1988). Saratov, in garden, 22.V.1987, 1 ♂; Dyakovka, Nature Reserve, 15.V.1991, 1 ♂; same locality, cases 17.X.1993 on *Kochia prostrata*, ex l. in laboratory in winter 1994. – Lower Volga region, S Ural, Central Kazakhstan.

E. attalicella (Zeller, 1871) (*unistriella* Caradja, 1920). Originally described from Lower Volga region (Zeller, 1871). – Lower Volga region, Kazakhstan (S Ural), Afghanistan.

E. quadrifariella (Staudinger, 1880). Originally described from Sarepta. – Lower Volga Region, Kazakhstan (S Ural).

E. kargani (Falkovitsh, 1989). Volgograd Prov. El'ton Lake, cases 18. IX 1994 on *Kochia prostrata*, ex l. in laboratory in 1995, 2 ♂, 2 ♀. – Lower Volga region, Middle Asia.

Casignetella absinthii (Heinemann & Wocke, 1877). Chardym I., 10.VII.1990, 1 ♂, 1 ♀. Europe.

C. ancistron (Falkovitsh, 1976). Astrakhan Nature Reserve, 10.VIII.1968, 2 ♂ (Penchukovskaya); Dyakovka, Nature Reserve, 15.V.1990, 3 ♂; Seleznikha, 27.V.1992, 1 ♂; Chardym I., 20. VII.1994, 1 ♀. – Lower Volga region, Mongolia.

C. occatella (Staudinger, 1880). Astrakhan, 19.VIII.1968, 1 ♀ (Penchukovskaya). – S Europe (locally).

Casignetella sp. (pr. *amarchana* Falkovitsh, 1975). Astrakhan Nature Reserve, 19.VIII.1968, 2 ♀ (Penchukovskaya).

C. argentula (Stephens, 1834) (*cothurnella* Duponchel, 1843). Common in forest-steppe and steppe zones. – W Palaearctic.

C. tanaceti (Mühlig, 1865). Vicinity of Saratov, forest-park zone, 6.VI.1991, 2 ♂, 1 ♀; Kamenka, cases collected 24.VI.1991. – Europe.

Casignetella sp. (pr. *pilion* Falkovitsh, 1992). Volgograd Prov., El'ton Lake, 1-3.V.1994, 1 ♂.

C. directella (Zeller, 1849). Vicinity of Shikhany, forest, 2.VIII.1992, 1 ♂. – Europe; S Siberia and Mongolia (different subspecies).

C. artemisiella (Scott, 1861). Kamyshin, 10.VI.1950, 1 ♂ (Zagulajev); Burkino, 17.VI.1988, 1 ♂, 1 ♀; Chardym I., 2.VII.1990, 1 ♀; Sulak, 19.VI.1991, 1 ♀. – Transpalaearctic.

C. gnaphalii (Zeller, 1839). Dyakovka, Nature Reserve, 9.VIII.1991, 1 ♂. – Europe (except southern part).

C. granulatella (Zeller, 1849) (*artemisiae* Mühlig, 1864). Neyolovka, 2.VII.1991, 1 ♀; Saratov, in garden, 25.VII.1991, 2 ♀. – Europe, W Siberia, Mongolia.

C. peisoniella (Kasy, 1965). Dyakovka, Natural Reserve, 17.VIII.1993, 1 ♂. – Central Europe, Lower

Volga region; in Middle Asia – subsp. *tshulella* Falkovitsh, 1986.

C. ramosella (Zeller, 1849). Khvalynsk Distr., Cherkaskoe, 20.VI.1994, 1 ♀. – Europe.

C. trochilella (Duponchel, 1843) (*troglodytella* auct.). Burkino, 28.VI.1992, 2 ♀. – Europe.

C. gardesanella (Toll, 1953). Vicinity of Saratov, 30.VI.1991, 1 ♀. – Europe, Transcaucasia.

C. peribenanderi (Toll, 1943). Saratov, in garden, 25.VII.1991, 1 ♀; Chardym I., 20.VII.1992, 1 ♂. – Europe.

Casignetella sp. (pr. *ammophora* Falkovitsh, 1989). Khvalynsk Distr., Vozrozhdenie, 24.VI.1994, 1 ♂.

C. silenella (Herrich-Schäffer, 1855). Vicinity of Saratov, 3.VI.1986, 1 ♀; Shikhany, 8.VI.1992, 3 ♀. – Transpalaearctic.

C. dianthi (Herrich-Schäffer, 1855). Pavlovka, 22.VI.1991, 1 ♂. – W Palaearctic.

C. pseudociconiella (Toll, 1952). Dyakovka, Nature Reserve, 8-9.VIII.1991, 5 ♂, 2 ♀. – S Europe, Asia Minor.

C. albilineela (Toll, 1960). Petrovsk Distr., Ozerki, 8.VII.1993, 1 ♂. – S Europe.

C. niveistrigella (Heinemann, 1877). Vicinity of Shikhany, 28.VI.1993, 1 ♂; Saratovka River, 25.VII.1994, 1 ♂, 2 ♀; Krasnopartizansk Distr., Novouspenka, 28.VII.1994, on *Gypsophila fastigiata*, ex l. 4.VIII.1994, 3 ♂, 1 ♀. – Middle and S Europe, Asia Minor.

C. solitariella (Zeller, 1849). Vicinity of Saratov, forest, 6.VI.1991, 2 ♂. – Europe.

C. deviella (Zeller, 1847). Volgograd Prov. El'ton Lake, cases 18.IX.1994, on *Suaeda maritima* and *Halostachys caspia*, ex l. in laboratory during winter 1995, 3 ♂, 4 ♀. – Europe, N Africa.

C. lebedella Falkovitsh, 1982. Volgograd Prov., El'ton Lake, 1-3.V.1994, 5 ♀. – S Europe, S Asia (to Pakistan).

C. hungariae (Gozmány, 1955). Dyakovka, Nature Reserve, 10.VIII.1991, 1 ♀; same locality, cases 17.IX.1993 on *Kochia prostrata*, ex l. in laboratory during winter 1994. – Steppe zone of Europe (from Hungary to W Kazakhstan).

C. tringella (Baldizzone, 1988). Vicinity of Saratov, Saratovka River, 27.VII.-10.VIII.1994, 2 ♂; same area, Sakma River, cases 21.IX-6.X.1994 on *Kochia prostrata*, ex l. in laboratory in 1995. – Steppe zone of E Europe.

C. remizella (Baldizzone, 1983). Vicinity of Saratov, Oktyabrskoe Ushchelye, 21.IX. 1994, cases on *Kochia prostrata*, ex l. 1 ♀. – Steppe zone of E Europe.

C. tremula Falkovitsh, 1989. Vicinity of Saratov, 1-11.V.1992, 1 ♂, 1 ♀; Volgograd Prov., El'ton Lake, 1-3.V.1994, 1 ♂. – Lower Volga region, Kazakhstan, Middle Asia.

Ionescumia clypeiferella (Hofmann, 1871). Saratov, in garden, 31.VII.1990, 4 ♂, 1 ♀: Dyakovka, Nature Reserve, 9.VIII.1991, 3 ♂, 2 ♀. – Europe, S Ural, the Caucasus.

Carpochena trientella (Christoph,1872) (*pilicornis* Rbl.). Dyakovka, Nature Reserve, 8.VIII.1991, 2 ♀. – S Palaearctic, from Hungary to the Far East (ssp. *ussuriella* Car.).

C. aequalella (Christoph, 1872) (*heratella* Toll & Amsel, 1967). Originally described from the environs of Sarepta. – Lower Volga region, Kazakhstan, Middle Asia, Iran, Afghanistan.

C. unipunctella (Zeller, 1849). Vicinity of Saratov, 30.VI.1991, 1 ♂, 1 ♀. – Europe (except northern part).

C. binotapennella (Duponchel, 1843) (*delibutella* Christoph, 1872). Common in forest-steppe and steppe zones. – Middle and S Europe, the Caucasus.

C. squalorella (Zeller, 1849). Dyakovka, Nature Reserv, 8.VIII.1991, 5 ♂, 1 ♀. – Europe, S Ural.

C. armeniae (Baldizzone & Patzak, 1991). Astrakhan, 19.VIII.1968, 2 ♂ (Penchukovskaya); Dyakovka, Nature Reserve, 9.VIII.1991, 3 ♂. – Southern part of E Europe, Transcaucasia, Middle Asia, Asia Minor.

C. salicorniae (Heinemann & Wocke, 1877). Common everywhere in the region. – W Palaearctic.

C. asperginella (Christoph, 1872) (*nigrosquamella* Filipjev, 1925). Dyakovka, Nature Reserve, 8.VIII.1991, 2 ♂, 3 ♀. – Lower Volga region, Kazakhstan, Middle Asia.

Klinzigedia phlomidella (Christoph, 1862). Originally described from Sarepta. – Lower Volga region, Middle Asia (mountains), Asia Minor.

Goniodoma auroguttella (Zeller, 1949). Dyakovka, Nature Reserve, 9.VIII.1991, 2 ♂ and 29.V.1992, 1 ♂. – S Europe, Kazakhstan, Asia Minor.

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