

# TO THE STUDY OF SPECIFIC DIVERSITY OF MOTHS (LEPIDOPTERA, PLUTELLIDAE, YPSOLOPHIDAE, PRAYDIDAE, SCYTHROPIIDAE, GELECHIIDAE, TORTRICIDAE) OF THE FAUNA OF BELARUS AND UKRAINE

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*Microlepidopteran moths are a worldwide distributed phytophagous group, which occur in different landscapes of the Palaearctic region. This article is a continuation of the previous papers published in the journal devoted to studying of the phytophagous moths of Belarus and Ukraine.*

*The purpose of the present work is to bring to attention the examined moths, which occur in the forest-park localities and are noted as obligate and potential pests of arboreal and bush plants. The article gives an analysis of some clarification concerning specific diversity, which is necessary for the correct determination.*

**Material and methods.** *The moths dealt with in this work were collected by netting during 1968–2018; specimens stored in the main scientific museums of the West Europe and the former USSR were also used. The classification used in this article is according to the modern publications.*

**Findings and their discussion.** *A recently improved checklist of 198 species from 6 families of the microlepidopteran moths trophically connected with forest-park plants of Belarus and Ukraine is represented. A renovated list of host-plants of these species and a list of entomophages of yponomeutoid moths noted for the first time is supplied. The moths were collected in the following forest-park localities: Belarus (Minsk and Vitebsk Oblasts), Ukraine (Kiev and Chernihov Oblasts). Geographical terms are given according «Webster's New Geographical Dictionary» (1972).*

**Conclusion.** *As a result of the carried out studies 198 species belonging to 6 families recently recorded in forest-park phytocenoses of Belarus and Ukraine are indicated. It is pointed out that these species are suitable candidates for studying the insect-plant interactions and the main evolutionary processes leading ultimately to speciation. Thus, the prerequisite for the modern investigations is the knowledge of taxonomic diversity and trophical connections of phytophagous Microlepidoptera. It is necessary to reveal such species in order to keep protection of natural phytocenoses.*

**Key words:** *moths, phytophages, forest-park plants, Belarus, Ukraine.*

# К ИЗУЧЕНИЮ ВИДОВОГО СОСТАВА МОЛЕЙ (LEPIDOPTERA, PLUTELLIDAE, YPSOLOPHIDAE, PRAYDIDAE, SCYTHROPIIDAE, GELECHIIDAE, TORTRICIDAE) ФАУНЫ БЕЛАРУСИ И УКРАИНЫ

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*Моли группы микрочешуекрылых являются фитофагами, повсеместно распространенными в различных ландшафтах Палеарктики. Эта статья продолжает серию предыдущих статей, опубликованных в данном журнале, касающихся изучения молей-фитофагов фауны Беларуси и Украины.*

*Цель работы – привлечь внимание к исследуемым молям, распространенным в лесопарковых фитоценозах, как к облигатным и потенциальным вредителям деревьев и кустарников. В статье дан анализ видового разнообразия, необходимый для правильного определения таксонов.*

*Представлен список с современными дополнениями кормовых растений и основными литературными источниками. Изложенная информация может быть использована для разработки мер по защите лесопарковых фитоценозов.*

**Материал и методы.** *Бабочки пойманы с применением энтомологического сачка в течение 1968–2018 годов, а также использованы экземпляры, хранящиеся в основных научных музеях Европы и бывшего СССР. Классификация, содержащаяся в статье, дана согласно современным публикациям.*

**Результаты и их обсуждение.** *Представлен список, содержащий 198 видов из 6 семейств микрочешуекрылых, трофически приуроченных к лесопарковым растениям Беларуси и Украины. Обновленный список кормовых растений этих видов, а также список энтомофагов ипономеутоидных молей даны впервые. Моли были отловлены в следующих лесопарковых местностях: Беларусь – Минская и Витебская области; Украина – Киевская и Черниговская области.*

*Географические названия соответствуют данным словаря «Webster's New Geographical Dictionary» (1972).*

**Заключение.** В результате проведенных исследований 198 видов из 6 семейств указаны в настоящее время для фауны Беларуси и Украины. Отмечено, что эти виды хорошие кандидаты для изучения взаимодействия молей-фитофагов и кормовых растений. Основные эволюционные процессы ультимативно связаны с видообразованием. Следовательно, предпосылкой для сегодняшних исследований является изучение таксономического разнообразия и трофической приуроченности микрочешуекрылых-фитофагов. Необходимо всестороннее изучение таких видов для сохранения природных фитоценозов.

**Ключевые слова:** моли, фитофаги, лесопарковые растения, Беларусь, Украина.

**M**icrolepidopteran moths is a worldwide distributed phytophagous group, which occur in different landscapes of the Palearctic region [1–11]. This article is a continuation of the previous papers published in the journal devoted to studying of the phytophagous moths of Belarus and Ukraine [1–3].

The purpose of the present work is to bring to attention the examined moths, which occur in the forest-park localities and are noted as obligate and potential pests of arboreal and bush plants. The article gives an analysis of some clarification concerning specific diversity, which is necessary for the correct determination. Recently added list of host-plants as well as main references are given. Recorded information may be used for working out the actions in order to protect forest-park phytocenoses.

**Material and methods.** The moths dialed with in this work were collected by netting during 1968–2018 years as well as examination of the specimens stored in the main scientific museums of the West Europe and the former USSR. The classification used in this article is according to Buszko et al., 2000; Lewis and Sohn, 2015; Razowski, 2002, 2003 [4–7].

**Findings and their discussion.** A recently improved checklist of 198 species from 6 families of the microlepidopteran moths trophically connected with forest-park plants of Belarus and Ukraine is represented. A renovated list of host-plants of these species and a list of entomophages of yponomeutoid moths noted for the first time. The moths were collecting in the following forest-park localities: Belarus (Minsk and Vitebsk Oblasts), Ukraine (Kiev and Chernihov Oblasts). Geographical terms are given according «Webster’s New Geographical Dictionary» (1972) [12].

#### Superfamily YPONOMEUTOIDEA

The moths were collecting by means of netting in the following landscape boundaries of Kiev: Castle Mountain, Dnieper Slopes, Novodnitsky Park, Goloseyev Park.

#### Family PLUTELLIDAE

***Plutella xylostella* (Linnaeus, 1758).** Host-plants: *Capsella bursa pastoris* (L.), *Barbarea vulgaris* R. Bt., *Erysimum cheiranthoides* (L.) (Brassicaceae). Larvae often mine leaves in initial instars. In Kiev has 2–4 generations per year. Cosmopolitan species. Entomophages: *Apanteles sicarius* Marshall, 1885, *Microgaster vestalis* Haliday, 1834 (Hymenoptera, Braconidae), *Diadegma fenestrale* (Holmgren, 1860) (Hymenoptera, Ichneumonidae).

#### Family YPSOLOPHIDAE

***Ypsolopha asperella* (Linnaeus, 1761).** Host-plants: *Malus*, *Pyrus communis* L., *Crataegus monogyna* Jacq. (Rosaceae). Imago: 2–3 generations per year.

***Y. dentella* (Fabricius, 1775).** Host-plants: *Lonicera caprifolium* L. (Caprifoliaceae). Imago: May–July. Univoltine species.

***Y. horridella* (Treitschke, 1835).** Host-plants: larvae trophically connected with Rosaceae plant identical to those of *Y. asperella*. Imago: May–July. Often injurious in orchards.

***Y. parenthesella* (Linnaeus, 1761).** Host-plants: *Carpinus betulus* L. (Betulaceae), *Quercus robur* L., *Fagus silvatica* L. (Fagaceae), *Ulmus minor* Mill. (Ulmaceae), *Fraxinus excelsior* L. (Oleaceae). Imago: April–June, August–September. Bivoltine species.

***Y. vittella* (Linnaeus, 1758).** Host-plants: *Quercus robur* L., *Fagus silvatica* L. (Fagaceae), *Ulmus minor* Mill. (Ulmaceae). Imago: April–June, August–September. Bivoltine species.

***Y. sequella* (Clerck, 1759).** Host-plants: *Salix alba* L. (Salicaceae), *Acer tataricum* L. (Sapindaceae). Imago: May–June, August. Bivoltine species.

***Y. sylvella* (Linnaeus, 1767).** Host-plants: *Quercus robur* L., *Fagus silvatica* L. (Fagaceae). Imago: May–July. Univoltine species.

Entomophages of the examined moths of *Ypsolopha* sp.: *Apanteles sicarius* Marshall, 1885 (Hymenoptera, Braconidae), *Triclistus lativentris* Thompson, 1887, *Itoplectis maculator* (Fabricius, 1775), *Agrypon* sp. (Hymenoptera, Ichneumonidae).

#### Family PRAYDIDAE

***Prays fraxinella* (Bjerkander, 1784).** Host-plants: *Fraxinus excelsior* L. (Oleaceae), *Alnus incana* (L.) Moench (Betulaceae). Larvae of the first and second instars mine buds. Imago: in autumn and spring. Univoltine species.

#### Family SCYTHROPIIDAE

***Scythropia crataegella* (Linnaeus, 1767).** Host-plants: *Cerasus vulgaris* Mill., *Prunus spinosa* L., *Crataegus monogyna* Jacq. (Rosaceae). Larvae mine leaves in initial instars. Imago: May–July. Univoltine species.

## Superfamily GELECHIOIDEA

## Family GELECHIIDAE

The moths were collected in the following forest-park localities:

Belarus.

Minsk Oblast. Minsk City: forest-park «Dubrava», Botanical Garden of National Academy of Sciences of Belarus; forest-park near village Stan'kovo.

Vitebsk Oblast. Vitebsk City: forest-park «Jurieva Gorka»; forest-park near village Ulanovichi; Botanical Garden of P.M. Masherov State University; Vitebsk environs: former botanical preserve «Chortova Boroda».

Here is the list of gelechiid moths, which occurred in forest-park localities of Belarus based on the results of examination by V.I. Piskunov as well as on the literature data [8–11].

***Aristotelia baltica* A. Šulcs et I. Šulcs, 1983.** Host-plant: *Frangula* (Rhamnaceae). Imago in August. One generation per year.

***A. ericinella* (Zeller, 1839).** Host-plants: *Calluna*, *Erica* (Ericaceae), *Empetrum* (Empetraceae). Imago: July–August. One generation per year.

***Chrysoesthia sexguttella* (Thunberg, 1794).** Host-plants: *Atriplex*, *Chenopodium*, *Kochia*, *Spinacia* (Chenopodiaceae), *Amaranthus* (Amaranthaceae). Imago: April–May. Bivoltine species.

***Isophrictis striatella* ([Denis & Schiffermüller], 1775).** Host-plants: *Tanacetum*, *Pyrethrum*, *Cota* (Asteraceae). Imago: July–August. One generation per year.

***I. anthemidella* (Wocke, 1871).** Host-plants: *Anthemis*, *Achillea*, *Pyrethrum* (Asteraceae). Imago: June–July. One generation per year.

***Metzneria neuropterella* (Zeller, 1839).** Host-plants: *Dipsacus* (Dipsacaceae), *Carlina*, *Cirsium*, *Colymbada*, *Jacea* (Asteraceae). Imago: June–August. One generation per year.

***M. lappella* (Linnaeus, 1758).** Host-plants: *Arctium* (Asteraceae). Imago: May–August. One generation per year.

***M. ehikeella* Gozmány, 1954.** Host-plants: *Calcitrapa*, *Colymbada* (Asteraceae). Imago: May–August. One generation per year.

***M. metzneriella* (Stainton, 1851).** Host-plants: *Cyanus*, *Colymbada*, *Jacea* (Asteraceae). Imago: May–August. One generation per year.

***Ptocheuusa inopella* (Zeller, 1839).** Host-plant: *Helichrysum* (Asteraceae). Imago: May–July. One generation per year.

***Monochroa cytisella* (Curtis, 1837).** Host-plant: *Pteridium* (Pteridaceae). Imago: June–July. One generation per year.

***M. sepicolella* (Herrich-Schäffer, 1854).** Host-plants: *Acetosa*, *Fallopia* (Polygonaceae). Imago: May–August. One generation per year. Very rare species.

***M. tenebrella* (Hübner, 1817).** Host-plants: *Acetosa*, *Acetasella* (Polygonaceae). Imago: June–July. One generation per year.

***M. elongella* (Heinemann, 1870).** Host-plant: *Potentilla* (Rosaceae). Imago: June–August. One generation per year.

***M. ferrea* (Frey, 1870).** Host-plant: *Carex* (Cyperaceae). Imago: June–July. One generation per year. Very rare species.

***M. hornigi* (Staudinger, 1883).** Host-plants: *Persicaria*, *Polygonum*, *Rumex* (Polygonaceae). Imago: June. One generation per year. Very rare species.

***Eulamprotes wilkella* (Linnaeus, 1758).** Host-plant: *Cerastium* (Caryophyllaceae). Imago: June–August. One generation per year.

***E. superbella* (Zeller, 1839).** Host-plants: *Thymus* (Lamiaceae), *Gnaphalium* (Asteraceae). Imago: May–June. One generation per year. Very rare species.

***E. unicolorella* (Duponchel, 1843).** Host-plants are unknown. Imago: May–June. One generation per year.

***E. atrella* ([Denis & Schiffermüller], 1775).** Host-plant: *Hypericum* (Hypericaceae). Imago: July–August. One generation per year.

***Bryotropha terrella* ([Denis & Schiffermüller], 1775).** Host-plants: Mosses, *Poa*, *Elytrigia* (Poaceae). Imago: June–September. One generation per year.

***B. desertella* (Douglas, 1850).** Host-plants: Mosses. Imago: July–August. One generation per year. Very rare species.

***B. senectella* (Zeller, 1839).** Host-plants: Mosses. Imago: June–August. One generation per year.

***B. similis* (Stainton, 1854).** Host-plants: Mosses. Imago: June–August. One generation per year.

***Recurvaria leucatella* (Clerck, 1759).** Host-plants: *Amelanchier*, *Crataegus*, *Malus*, *Padus*, *Prunus*, *Pyrus*, *Rosa*, *Sorbus* (Rosaceae). Imago: July–August. One generation per year.

***Exoteleia dodecella* (Linnaeus, 1758).** Host-plants: *Pinus*, *Abies*, *Picea* (Pinaceae). Imago: June–July. One generation per year.

***Stenolechia gemmella* (Linnaeus, 1758).** Host-plant: *Quercus* (Fagaceae). Imago: July–September. One generation per year.

***Parachronistis albiceps* (Zeller, 1839).** Host-plants: *Corylus* (Corylaceae), *Betula* (Betulaceae), *Ulmus* (Ulmaceae), *Malus*, *Prunus*, *Persica* (Rosaceae). Imago: May–July. One generation per year.

***Teleiodes luculella* (Hübner, 1813).** Host-plants: *Quercus*, *Castanea* (Fagaceae), *Betula* (Betulaceae), *Salix* (Salicaceae). Imago: May–July. One generation per year.

***T. flavimaculella* (Herrich-Schäffer, 1854).** Host-plants: *Quercus*, *Fagus*, *Castanea* (Fagaceae), *Salix* (Salicaceae). Imago: May–June. One generation per year. Very rare species.

***Carpatolechia fugitivella* (Zeller, 1839).** Host-plants: *Quercus* (Fagaceae), *Ulmus* (Ulmaceae), *Corylus* (Corylaceae), *Tilia* (Tiliaceae), *Acer* (Sapindaceae), *Fraxinus* (Oleaceae), *Prunus*, *Cerasus* (Rosaceae). Imago: June–August. One generation per year.

***C. alburnella* (Zeller, 1839).** Host-plant: *Betula* (Betulaceae). Imago: June–September. One generation per year.

***C. proximella* (Hübner, 1796).** Host-plants: *Alnus*, *Betula*, *Duschekia* (Betulaceae). Imago: May–July. One generation per year.

***Teleiopsis diffinis* (Haworth, 1828).** Host-plant: *Acetosella* (Polygonaceae). Imago: May–July, August–September. Bivoltine species.

***Pseudotelphusa paripunctella* (Thunberg, 1794).** Host-plants: *Quercus*, *Fagus* (Fagaceae), *Betula* (Betulaceae), *Myrica* (Myricaceae), Hippophae (Eleagnaceae). Imago: May–July. One generation per year.

***P. scalella* (Scopoli, 1763).** Host-plant: *Quercus* (Fagaceae). Imago: May–July. One generation per year.

***Altenia scriptella* (Hübner, 1796).** Host-plants: *Acer* (Sapindaceae), *Amygdalus* (Rosaceae). Imago: May–July. One generation per year. Rare species.

***Gelechia rhombella* ([Denis & Schiffermüller], 1775).** Host-plants: *Amelanchier*, *Cerasus*, *Malus*, *Prunus*, *Pyrus*, *Sorbus* (Rosaceae). Imago: June–August. One generation per year.

***G. scotinella* Herrich-Schäffer, 1854.** Host-plant: *Armeniaca*, *Cerasus*, *Crataegus*, *Prunus* (Rosaceae). Imago: July–August. One generation per year.

***G. sabinellus* (Zeller, 1839).** Host-plants: *Juniperus* (Cupressaceae). Imago: July–August. One generation per year.

***G. sororculella* (Hübner, 1817).** Host-plants: *Salix* (Salicaceae), *Quercus* (Fagaceae), *Sorbus* (Rosaceae). Imago: June–August. One generation per year.

***G. jakovlevi* Krulikovsky, 1905.** Host-plants: *Ribes* (Grossulariaceae), *Malus* (Rosaceae), *Salix* (Salicaceae). Imago: July–August. One generation per year.

***G. muscosella* Zeller, 1839.** Host-plant: *Salix* (Salicaceae). Imago: June–August. One generation per year.

***G. nigra* (Haworth, 1828).** Host-plants: *Populus*, *Salix* (Salicaceae). Imago: July–August. One generation per year.

***G. turpella* ([Denis & Schiffermüller], 1775).** Host-plant: *Populus* (Salicaceae). Imago: July–September. One generation per year.

***G. rhombelliformis* Staudinger, 1871.** Host-plant: *Populus* (Salicaceae). Imago: July–October. One generation per year.

***G. sestertiella* Herrich-Schäffer, 1854.** Host-plant: *Acer* (Sapindaceae). Imago: July–September. One generation per year.

***Psoricoptera speciosella* Teich, 1893.** Host-plant: *Salix* (Salicaceae). Imago: June–September. One generation per year.

***P. gibbosella* (Zeller, 1839).** Host-plants: *Salix* (Salicaceae), *Quercus* (Fagaceae), *Malus*, *Crataegus* (Rosaceae). Imago: July–September. One generation per year.

***Chionodes tragicella* (Heyden, 1865).** Host-plant: *Larix* (Pinaceae). Imago: May–July. One generation per year.

***C. distinctella* (Zeller, 1839).** Host-plants: *Genista* (Fabaceae), *Artemisia* (Asteraceae), *Thymus* (Lamiaceae), *Acetosella* (Polygonaceae), Mosses. Imago: July–September. One generation per year.

***C. electella* (Zeller, 1839).** Host-plant: *Picea* (Pinaceae), *Juniperus* (Cupressaceae). Imago: June–August. One generation per year.

***C. fumatella* (Douglas, 1850).** Host-plant: Mosses, Fabaceae (different species). Imago: July–September. One generation per year.

***Aroga velocella* (Duponchel, 1838).** Host-plant: *Acetosella* (Polygonaceae). Imago: May–June, July– August. Bivoltine species.

***Filatima incomptella* (Herrich-Schäffer, 1854).** Host-plant: *Salix* (Salicaceae). Imago: May–June. One generation per year. Rare species.

***Neofriseria peliella* (Treitschke, 1835).** Host-plant: *Acetosella* (Polygonaceae). Imago: July–August. One generation per year.

***Athrips mouffetella* (Linnaeus, 1758).** Host-plants: *Lonicera*, *Symphoricarpos* (Caprifoliaceae). Imago: June–August. One generation per year.

***Gnorimoschema epithymella* (Staudinger, 1859).** Host-plant: *Aster* (Asteraceae). Imago: July–August. One generation per year.

***Scrobipalpa acuminatella* (Sircorn, 1850)**. Host-plants: *Artemisia*, *Carduus*, *Cirsium*, *Jacea*, *Onopordum*, *Tanacetum* (Asteraceae). Imago: May–September. Bivoltine rare species.

***S. klimeschi* Povolný, 1967**. Host-plants: *Cirsium*, *Colymbada*, *Jurinea*, *Petasites*, *Serratula* (Asteraceae). Imago: May–June. One generation per year. Rare species.

***S. artemisiella* (Treitschke, 1833)**. Host-plants: *Thymus* (Lamiaceae), *Achillea*, *Acosta* (Asteraceae). Imago: June–August. One generation per year.

***S. obsoletella* (Fischer von Röslerstamm, 1841)**. Host-plants: *Atriplex*, *Chenopodium* (Chenopodiaceae). Imago: May–July. One generation per year. Very rare species.

***S. atriplicella* (Fischer von Röslerstamm, 1841)**. Host-plants: *Atriplex*, *Chenopodium* (Chenopodiaceae), *Cirsium* (Asteraceae). Imago: May–August. Bivoltine species.

***Scrobipalpula psilella* (Herrich-Schäffer, 1854)**. Host-plants: *Artemisia*, *Aster*, *Chrysanthemum*, *Cirsium*, *Colymbada*, *Erigeron*, *Helichrysum* (Asteraceae). Imago: May, June–August. One generation per year. Very rare species.

***S. tussilaginis* (Stainton, 1867)**. Host-plants: *Petasites*, *Tussilago* (Asteraceae). Imago: July. One generation per year.

***Cosmardia moritzella* (Treitschke, 1835)**. Host-plants: *Melandrium*, *Silene* (Caryophyllaceae). Imago: May–July, August–October. One generation per year.

***Caryocolum fischerella* (Treitschke, 1833)**. Host-plant: *Saponaria* (Caryophyllaceae). Imago: June–September. One generation per year.

***C. blandella* (Douglas, 1852)**. Host-plant: *Stellaria* (Caryophyllaceae). Imago: July–September. One generation per year.

***C. blandelloides* Karsholt, 1981**. Host-plant: *Cerastium* (Caryophyllaceae). Imago: August. One generation per year. Very rare species.

***C. tricolorella* (Haworth, 1812)**. Host-plants: *Cerastium*, *Stellaria* (Caryophyllaceae). Imago: June–August. One generation per year.

***C. cassella* (Walker, 1864)**. Host-plants: *Moehringia*, *Silene*, *Stellaria* (Caryophyllaceae). Imago: July–August. One generation per year. Very rare species.

***C. kroesmanniella* (Herrich-Schäffer, 1854)**. Host-plant: *Stellaria* (Caryophyllaceae). Imago: June–September. One generation per year.

***Sophronia semicostella* (Hübner, 1813)**. Host-plants: *Dianthus*, *Silene* (Caryophyllaceae), *Artemisia* (Asteraceae), *Anthoxanthum*, *Poa* (Poaceae). Imago: June–July. One generation per year.

***S. chilonella* (Treitschke, 1833)**. Host-plant: *Artemisia* (Asteraceae). Imago: June–July. One generation per year.

***S. sicariellus* (Zeller, 1839)**. Host-plants: *Achillea*, *Inula*, *Artemisia* (Asteraceae). Imago: June–July. One generation per year.

***Syncopacma sangiella* (Stainton, 1863)**. Host-plant: *Lotus* (Fabaceae). Imago: June–July. One generation per year. Very rare species.

***S. cinctella* (Clerck, 1759)**. Host-plants: *Genista*, *Lembotropis*, *Lotus*, *Medicago*, *Vicia* (Fabaceae). Imago: June–July. One generation per year.

***S. taeniolella* (Zeller, 1839)**. Host-plants: *Chrysochloa*, *Dorycnium*, *Lotus*, *Medicago*, *Tetragonolobus*, *Trifolium* (Fabaceae). Imago: July. One generation per year.

***Approaerema anthyllidella* (Hübner, 1813)**. Host-plants: *Amaranthus*, *Anthyllis*, *Chamaecytisus*, *Coronilla*, *Dorycnium*, *Galaga*, *Lathyrus*, *Lotus*, *Medicago*, *Melilotus*, *Onobrychis*, *Ononis*, *Oxytropis*, *Phaseolus*, *Trifolium*, *Trigonella*, *Vicia* (Fabaceae), *Chrysopsis*, *Achillea* (Asteraceae), *Gossypium* (Malvaceae). Imago: May–August. Bivoltine species.

***Anacamptis populella* (Clerck, 1759)**. Host-plants: *Populus*, *Salix* (Salicaceae), *Acer* (Sapindaceae). Imago: June–October. One generation per year.

***A. blattariella* (Hübner, 1796)**. Host-plant: *Betula* (Betulaceae). Imago: July–October. One generation per year.

***A. temerella* (Liening & Zeller, 1846)**. Host-plant: *Salix* (Salicaceae). Imago: June–August. One generation per year. Rare species.

***Anarsia innoxia* Gregersen & Karsholt, 2017**. Host-plant: *Acer* (Sapindaceae). Imago: June–July. One generation per year. Very rare species.

***Hypatima rhomboidella* (Linnaeus, 1758)**. Host-plants: *Alnus*, *Betula*, *Duschekia* (Betulaceae), *Caprinus*, *Corylus* (Corylaceae), *Populus* (Salicaceae), *Crataegus* (Rosaceae). Imago: July–October. One generation per year.

***Neofaculta ericetella* (Geyer, [1832])**. Host-plants: *Calluna*, *Erica*, *Rhododendron* (Ericaceae). Imago: May–July. One generation per year.

***N. infernella* (Herrich-Schäffer, 1854)**. Host-plants: *Betula* (Betulaceae), *Ledum*, *Rhododendron*, *Vaccinium* (Ericaceae), *Inula* (Asteraceae). Imago: May–July. One generation per year.

***Brachmia dimidiella* ([Denis & Schiffermüller], 1775)**. Host-plant: *Peucedanum* (Apiaceae). Imago: June–August. One generation per year.

***Helcystogramma lineolella* (Zeller, 1839)**. Host-plant: *Calamagrostis* (Poaceae). Imago: May–June. One generation per year. Very rare species.

**H. lutatella** (Herrich-Schäffer, 1854). Host-plants: *Calamagrostis*, *Dactylis*, *Elytrigia*, *Phragmites* (Poaceae). Imago: July–August. One generation per year.

**H. rufescens** (Haworth, 1828). Host-plants: *Arrhenatherum*, *Poa*, *Dactylis* (Poaceae). Imago: June–August. One generation per year.

**H. albinervis** (Gerasimov, 1929). Host-plant unknown. Imago: May, August. One generation per year. Rare species.

**Acompsia cinerella** (Clerck, 1759). Host-plants: Mosses. Imago: June–August. One generation per year.

**Pexicopia malvella** (Hübner, [1805]). Host-plants: *Lavatera*, *Alcea*, *Althaea*, *Malva*, *Gossypium* (Malvaceae). Imago: May–August. One generation per year.

## Superfamily TORTRICOIDEA

### Family TORTRICIDAE

The moths were collected in light and with the help of an aerial insect net in the following landscape boundaries of Nezhin City (Chernihov Oblast, Ukraine): Graftsky Park and Agrobiostation of Nezhin Gogol State University.

**Tortrix viridana** Linnaeus, 1758. Host-plants: *Quercus*, *Fagus sylvatica* L. (Fagaceae), *Acer* (Sapindaceae), *Carpinus betulus* L., *Corylus*, *Betula*, *Alnus* (Betulaceae), *Ulmus* (Ulmaceae), *Vaccinium* (Ericaceae), *Prunus armeniaca* L. (Rosaceae), *Populus*, *Salix* (Salicaceae), *Sorbus* (Rosaceae), *Tilia* (Malvaceae), *Sambucus* (Adoxaceae), *Lonicera* (Caprifoliaceae), *Urtica* (Urticaceae), *Humulus* (Cannabaceae). Imago: June–July. One generation per year.

**Aleimma loeflingiana** (Linnaeus, 1758). Host-plants: *Quercus* (Fagaceae), *Carpinus betulus* L. (Betulaceae), *Prunus*, *Cydonia* (Rosaceae), *Acer* (Sapindaceae), *Salix* (Salicaceae), *Ulmus* (Ulmaceae). Imago: May–August. One generation per year.

**Acleris holmiana** (Linnaeus, 1758). Host-plants: *Cydonia*, *Prunus*, *Sorbus*, *Rosa*, *Rubus*, *Pyrus*, *Malus*, *Cerasus*, *Crataegus* (Rosaceae), *Solanum rostratum* Dunal (Solanaceae). Imago: June–August. Bivoltine species.

**A. forsskaleana** (Linnaeus, 1758). Host-plants: *Acer* (Sapindaceae), *Vincetoxicum rossicum* (Kleopow) Barbar. (Apocynaceae). Imago: June–August. One generation per year.

**A. lorquiniana** (Duponchel, 1835). Host-plants: *Lythrum salicaria* L. (Lythraceae). Imago: June–July, September–April. Bivoltine species.

**A. scabrana** ([Denis & Schiffermüller], 1775). Host-plants: *Populus*, *Salix* (Salicaceae). Imago: June–July, September–May. Bivoltine species.

**Phalonidia contractana** (Zeller, 1847). Host-plants: *Anthemis*, *Artemisia*, *Cichorium*, *Dittrichia*, *Lactuca* (Asteraceae). Imago: May–June, August. Bivoltine species.

**Gynnidomorpha permixtana** ([Denis & Schiffermüller], 1775). Host-plants: *Butomus umbellatus* L. (Butomaceae), *Alisma plantago-aquatica* L. (Alismataceae), *Rhinanthus minor* L., *Euphrasia*, *Pedicularis*, *Rhinanthus* (Scrophulariaceae), *Gentiana lutea* L. (Gentianaceae), *Solidago virgaurea* L. (Asteraceae). Imago: May–July, August–September. Bivoltine species.

**Agapeta hamana** (Linnaeus, 1758). Host-plants: *Carduus*, *Cirsium arvense* (L.) Scop., *Serratula tinctoria* L. (Asteraceae), *Ononis repens* L., *Trifolium* (Fabaceae). Imago: May–September. Bivoltine species.

**A. zoegana** (Linnaeus, 1767). Host-plants: *Centaurea*, *Inula salicina* L., *Jurinea linearifolia* DC., *Serratula* (Asteraceae), *Knautia arvensis* (L.) Coult., *Scabiosa columbaria* L. (Dipsacaceae). Imago: July–August. One generation per year.

**Eugnosta lathoniana** (Hübner, [1799–1800]). Host-plants: *Carduus hamulosus* Ehrh. (Asteraceae). Imago: May–July. One generation per year.

**Eupoecilia ambiguella** (Hübner, [1796]). Host-plants: *Acer campestre* L. (Sapindaceae), *Hedera helix* L. (Araliaceae), *Lonicera*, *Viburnum* (Caprifoliaceae), *Cornus mas* L. (Cornaceae), *Cuscuta reflexa* Roxb. (Cuscutaceae), *Ribes* (Grossulariaceae), *Ligustrum*, *Syringa x persica* L. (Oleaceae), *Frangula alnus* Mill. (Rhamnaceae), *Prunus* (Rosaceae), *Parthenocissus quinquefolia* (L.) Planch., *Vitis vinifera* L. (Vitaceae). Imago: April–May, July–August. Bivoltine species.

**Aethes tessera** ([Denis & Schiffermüller], 1775). Host-plants: *Conyza*, *Crepis*, *Hieracium*, *Inula conyzae* (Griess.) Meikle, *Picris hieracioides* L. (Asteraceae). Imago: May–June, July–August. Bivoltine species.

**A. rubigana** (Treitschke, 1830). Host-plants: *Arctium*, *Cirsium*, *Ferula communis* L., *Thapsia* (Asteraceae). Imago: May–June, July–August. Bivoltine species.

**Cochyliidia rupicola** (Curtis, 1834). Host-plants: *Galatella linosyris* (L.) Rchb. f., *Eupatorium cannabinum* L. (Asteraceae), *Lycopus europaeus* L. (Lamiaceae), *Agrimonia* (Rosaceae). Imago: June–July. One generation per year.

**C. heydeniana** (Herrich-Schäffer, 1851). Host-plants: *Conyza canadensis* (L.) Cronquist, *Erigeron acris* L., *Solidago* (Asteraceae). Imago: April–September. Bivoltine species.

**C. implicitana** (Wocke, 1856). Host-plants: *Achillea*, *Anthemis*, *Aster*, *Chrysanthemum*, *Chrysocoma*, *Gnaphalium*, *Helichrysum*, *Solidago*, *Tanacetum* (Asteraceae), *Alchemilla* (Rosaceae). Imago: May–September. Bivoltine species.

**Cochylys dubitana** (Hübner, [1796–1799]). Host-plants: *Arctium lappa* L., *Carduus*, *Centaurea jacea* L., *Cirsium vulgare* (Savi) Ten., *Crepis*, *Hieracium*, *Lappa*, *Picris*, *Senecio*, *Solidago virgaurea* L. (Asteraceae). Imago: May–June, July–August. Bivoltine species.

***Exarate congelatella* (Clerck, 1759).** Host-plants: *Anthriscus* (Apiaceae), *Berberis vulgaris* L. (Berberidaceae), *Calluna vulgaris* (L.) Hull, *Erica*, *Vaccinium* (Ericaceae), *Ribes* (Grossulariaceae), *Ligustrum*, *Syringa* (Oleaceae), *Frangula alnus* Mill., *Rhamnus cathartica* L. (Rhamnaceae), *Crataegus*, *Malus domestica* Borkh., *Potentilla*, *Prunus spinosa* L., *Pyrus*, *Rubus idaeus* L. (Rosaceae), *Salix cinerea* L. (Salicaceae), *Ulmus* (Ulmaceae). Imago: October–December. One generation per year.

***Tortricodes alternella* ([Denis & Schiffermüller], 1775).** Host-plants: *Betula*, *Carpinus betulus* L., *Corylus avellana* L. (Betulaceae), *Quercus robur* L. (Fagaceae), *Crataegus*, *Prunus spinosa* L. (Rosaceae), *Tilia* (Tiliaceae), *Salix* (Salicaceae). Imago: February–April. One generation per year.

***Eana incanana* (Stephens, 1852).** Host-plants: *Leucanthemum vulgare* Lam. (Asteraceae), *Vaccinium* (Ericaceae), *Hyacinthoides non-scripta* (L.) Chourd ex Rothm., *Ornithogalum nutans* L. (Liliaceae), *Scilla* (Asparagaceae), *Salix* (Salicaceae). Imago: June–August. One generation per year.

***Cnephasia stephensiana* (Doubleday, 1849).** Host-plants: *Heracleum moellendorffii* Hance (Apiaceae), *Artemisia*, *Carduus pycnocephalus* L., *Carlina vulgaris* L., *Centaurea*, *Chrysanthemum*, *Cirsium palustre* (L.) Scop., *Erigeron annuus* (L.) Pers., *Hieracium*, *Inula*, *Leucanthemum vulgare* Lam., *Serratula*, *Solidago virgaurea* L., *Sonchus*, *Taraxacum*, *Tussilago farfara* L., (Asteraceae), *Chenopodium album* L. (Chenopodiaceae), *Vaccinium uliginosum* L., *Vaccinium vitis-idaea* L. (Ericaceae), *Lathyrus*, *Medicago sativa* L., *Phaseolus*, *Trifolium repens* L., *T. pratense* L., *Vicia* (Fabaceae), *Scilla nutans* Sm. (Asparagaceae), *Plantago* (Plantaginaceae), *Rumex obtusifolius* L. (Polygonaceae), *Primula veris* L. (Primulaceae), *Ranunculus* (Ranunculaceae), *Urtica dioica* L. (Urticaceae), *Diospyros kaki* Thunb. (Ebenaceae), *Mentha arvensis* L., *Teucrium* (Lamiaceae), *Fragaria x ananassa* Duchesne ex Rozier, *Malus pumila* Mill., *Rubus idaeus* L. (Rosaceae), *Populus nigra* L. (Salicaceae), *Nicotiana tabacum* L., *Solanum tuberosum* L. (Solanaceae). Imago: April–July. One generation per year.

***C. asseclana* ([Denis & Schiffermüller], 1775).** Host-plants: *Achillea millefolium* L., *Bellidastrum michelii* Cass., *Bellis perennis* L., *Centaurea jacea* L., *C. scabiosa* L., *Cirsium palustre* (L.) Scop., *C. arvense* (L.) Scop., *C. oleraceum* Scop., *C. vulgare* (Savi) Ten., *Chrysanthemum*, *Crepis*, *Hieracium*, *Leucanthemum vulgare* Lam., *L. maximum* (Ramond) DC., *Prenanthes purpurea* L., *Taraxacum officinale* F. H. Wigg. aggr., *Tragopogon pratensis* L., *Tussilago farfara* L. (Asteraceae), *Cynoglossum germanicum* Jacq., *Myosotis arvensis* (L.) Hill (Boraginaceae), *Alliaria petiolata* (M. Bieb.) Cavara & Grande, *Brassica napus* L., *B. oleracea* L., *Sinapis arvensis* L. (Brassicaceae), *Hippocrepis comosa* L., *Lathyrus*, *Lotus*, *Medicago lupulina* L., *M. sativa* L., *Trifolium*, *Vicia cracca* L., *V. sepium* L. (Fabaceae), *Ajuga genevensis* L., *A. reptans* L., *Glechoma hederacea* L., *Origanum vulgare* L., *Prunella vulgaris* L., *Salvia pratensis* L., *Stachys sylvatica* L., *Teucrium* (Lamiaceae), *Plantago lanceolata* L., *P. major* L., *P. media* L. (Plantaginaceae), *Anemone nemorosa* L., *Aquilegia vulgaris* L., *Ranunculus acris* L., *R. bulbosus* L., *R. ficaria* L., *R. repens* L., *Trollius europaeus* L. (Ranunculaceae), *Urtica dioica* L., *U. urens* L. (Urticaceae), *Alchemilla*, *Fragaria*, *Geum urbanum* L., *Rosa rugosa* Thunb. ex Murray, *Rubus idaeus* L. (Rosaceae), *Angelica sylvestris* L., *Anthriscus sylvestris* (L.) Hoffm., *Daucus carota* L., *Heracleum sphondylium* L. (Apiaceae), *Atriplex* (Chenopodiaceae), *Hylotelephium telephium* (L.) H. Ohba (Crassulaceae), *Knautia arvensis* (L.) Coult. (Dipsacaceae), *Euphorbia cyparissias* L. (Euphorbiaceae), *Geranium pratense* L. (Geraniaceae), *Colchicum autumnale* L. (Colchicaceae), *Scilla siberica* Haw. (Asparagaceae), *Dactylorhiza maculata* (L.) Soo (Orchidaceae), *Papaver rhoeas* L. (Papaveraceae), *Zea mays* L. (Poaceae), *Rumex* (Polygonaceae), *Primula elatior* (L.) Hill, *P. veris* L. (Primulaceae), *Rhinanthus major* L., *R. serotinus* (Schönh.) Oborný, *Veronica* (Scrophulariaceae). Imago: April–August. One generation per year.

***C. genitalana* Pierce & Metcalfe, 1915.** Host-plants: *Carum carvi* L. (Apiaceae), *Bellis perennis* L., *Centaurea jacea* L., *C. scabiosa* L., *Chrysanthemum*, *Crepis*, *Hieracium*, *Leucanthemum vulgare* Lam., *Senecio nemorensis* L., *Tragopogon pratensis* L. (Asteraceae), *Helianthemum nummularium* (L.) Mill. (Cistaceae), *Anthyllis vulneraria* L. (Fabaceae), *Lotus*, *Medicago lupulina* L., *M. sativa* L., *Onobrychis viciifolia* Scop., *Securigera varia* (L.) Lassen, *Trifolium* (Fabaceae), *Teucrium* (Lamiaceae), *Ranunculus acris* L., *R. bulbosus* L., *R. repens* L. (Ranunculaceae). Imago: June–August. One generation per year.

***C. communana* (Herrich-Schäffer, 1851).** Host-plants: *Chrysanthemum* (Asteraceae), *Lotus* (Fabaceae), *Plantago* (Plantaginaceae), *Rumex* (Polygonaceae). Imago: April–July. One generation per year.

***Capua vulgana* (Frölich, 1828).** Host-plants: *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L., *Corylus avellana* L., *Betula* (Betulaceae), *Vaccinium* (Ericaceae), *Quercus* (Fagaceae), *Rubus idaeus* L., *Sorbus aucuparia* L. (Rosaceae). Imago: May–July. One generation per year.

***Archips podana* (Scopoli, 1763).** Host-plants: *Acer* (Sapindaceae), *Alnus glutinosa* (L.) Gaertn., *Corylus*, *Betula* (Betulaceae), *Salix*, *Populus* (Salicaceae), *Lonicera periclymenum* L. (Caprifoliaceae), *Euonymus* (Celastraceae), *Vaccinium myrtillus* L. (Ericaceae), *Trifolium* (Fabaceae), *Fagus*, *Quercus robur* L. (Fagaceae), *Ribes* (Grossulariaceae), *Picea* (Pinaceae), *Malus domestica* Borkh., *M. sylvestris* (L.) Mill., *Padus avium* Mill., *Prunus*, *Rosa rugosa* Thunb. ex Murray, *Rubus idaeus* L., *Sorbus* (Rosaceae), *Juglans* (Juglandaceae), *Ulmus* (Ulmaceae), *Tilia* (Tiliaceae), *Cornus mas* L. (Cornaceae), *Fraxinus*, *Syringa* (Oleaceae), *Rumex* (Polygonaceae), *Clematis* (Ranunculaceae), *Heracleum* (Apiaceae), *Primula*, *Lysimachia* (Primulaceae). Imago: May–September. One generation per year.

***A. crataegana* (Hübner, [1796–1799]).** Host-plants: *Acer* (Sapindaceae), *Alnus*, *Betula*, *Corylus*, (Betulaceae), *Quercus* (Fagaceae), *Morus* (Moraceae), *Fraxinus* (Oleaceae), *Crataegus*, *Cerasus*, *Cotoneaster*, *Malus*, *Mespilus*,

*Prunus*, *Pyrus*, *Sorbus* (Rosaceae), *Citrus* (Rutaceae), *Populus*, *Salix* (Salicaceae), *Tilia* (Tiliaceae), *Ulmus* (Ulmaceae), *Fraxinus* (Oleaceae). Imago: June–August. One generation per year.

**A. xylostean** (Linnaeus, 1758). Host-plants: *Acer* (Sapindaceae), *Alnus*, *Betula*, *Corylus avellana* L. (Betulaceae), *Lonicera periclymenum* L. (Caprifoliaceae), *Hypericum* (Clusiaceae), *Cornus* (Cornaceae), *Castanea*, *Quercus* (Fagaceae), *Abies* (Pinaceae), *Cerasus*, *Crataegus*, *Cydonia*, *Malus*, *Prunus*, *Pyrus*, *Rubus*, *Rosa*, *Sorbus* (Rosaceae), *Citrus* (Rutaceae), *Salix*, *Populus* (Salicaceae), *Tilia* (Tiliaceae), *Ulmus* (Ulmaceae), *Celtis* (Cannabaceae), *Euonymus* (Celastraceae), *Rhamnus* (Rhamnaceae), *Fraxinus* (Oleaceae). Imago: June–August. One generation per year.

**Choristoneura diversana** (Hübner, [1814–1817]). Host-plants: *Acer* (Sapindaceae), *Achillea* (Asteraceae), *Alnus*, *Betula*, *Corylus* (Betulaceae), *Lonicera* (Caprifoliaceae), *Quercus*, *Fagus* (Fagaceae), *Morus* (Moraceae), *Syringa* (Oleaceae), *Abies*, *Larix*, *Picea* (Pinaceae), *Rhamnus* (Rhamnaceae), *Cerasus*, *Crataegus*, *Malus*, *Padus*, *Prunus*, *Pyrus*, *Rosa*, *Sorbaria* (Rosaceae), *Populus*, *Salix* (Salicaceae), *Ulmus* (Ulmaceae), *Ononis*, *Medicago*, *Trifolium* (Fabaceae), *Juglans* (Juglandaceae), *Fraxinus* (Oleaceae), *Viburnum* (Adoxaceae). Imago: June–August. One generation per year.

**Argyrotaenia ljungiana** (Thunberg, 1797). Host-plants: *Atriplex* (Chenopodiaceae), *Drayas*, *Malus*, *Potentilla*, *Prunus*, *Pyracantha*, (Rosaceae), *Ranunculus* (Ranunculaceae), *Vitis vinifera* L. (Vitaceae), *Achillea*, *Aster tripolium* L., *Centaurea jacea* L., *Helichrysum*, *Senecio jacobaea* L., *Solidago virgaurea* L., *Xanthium* (Asteraceae), *Betula* (Betulaceae), *Calluna vulgaris* (L.) Hull, *Erica*, *Ledum palustre* L., *Vaccinium uliginosum* L., *V. myrtillus* L. (Ericaceae), *Colutea arborescens* L. (Fabaceae), *Gentiana pneumonanthe* L. (Gentianaceae), *Myrica gale* L. (Myricaceae), *Abies*, *Larix decidua*, *Picea*, *Pinus* (Pinaceae), *Genista*, *Lathyrus* (Fabaceae), *Cotinus coggygria* Scop. (Anacardiaceae), *Centaureum*, *Gentiana pneumonanthe* L. (Gentianaceae), *Clinopodium*, *Satureja* (Lamiaceae). Imago: April–May, June–July. Bivoltine species.

**Ptycholoma lecheana** (Linnaeus, 1758). Host-plants: *Acer* (Sapindaceae), *Alnus*, *Betula*, *Caprinus*, *Corylus avellana* L. (Betulaceae), *Fagus*, *Quercus robur* L. (Fagaceae), *Fraxinus* (Oleaceae), *Abies*, *Larix decidua* Mill., *Picea* (Pinaceae), *Cerasus*, *Crataegus*, *Malus*, *Padus*, *Prunus*, *Pyrus*, *Rosa*, *Sorbus* (Rosaceae), *Populus*, *Salix* (Salicaceae), *Tilia* (Tiliaceae), *Ulmus* (Ulmaceae), *Ribes* (Grossulariaceae), *Viburnum* (Adoxaceae). Imago: April–July. One generation per year.

**Pandemis corylana** (Fabricius, 1794). Host-plants: *Alnus*, *Betula*, *Corylus avellana* L. (Betulaceae), *Lonicera periclymenum* L. (Caprifoliaceae), *Cornus sanguinea* L. (Cornaceae), *Rhododendron mucronulatum* Turcz. (Ericaceae), *Fagus*, *Quercus* (Fagaceae), *Fraxinus excelsior* L. (Oleaceae), *Larix* (Pinaceae), *Polygonum nodosa* Pers. (Polygonaceae), *Frangula alnus* Mill. (Rhamnaceae), *Geum*, *Prunus*, *Pyrus*, *Rubus*, *Sorbus* (Rosaceae), *Salix* (Salicaceae), *Staphylea bumalda* DC. (Staphyleaceae), *Ribes uva-crispa* L., 1753 (Grossulariaceae), *Ledum palustre* L. (Ericaceae). Imago: May–August. Bivoltine species.

**P. cerasana** (Hübner, 1786). Host-plants: *Acer* (Sapindaceae), *Alnus glutinosa* (L.) Gaertn., *Betula*, *Corylus avellana* L. (Betulaceae), *Lonicera periclymenum* L. (Caprifoliaceae), *Vaccinium* (Ericaceae), *Quercus robur* L. (Fagaceae), *Lysimachia* (Primulaceae), *Crataegus*, *Geum*, *Malus*, *Padus*, *Prunus*, *Pyrus*, *Rosa*, *Sorbus* (Rosaceae), *Salix*, *Populus* (Salicaceae), *Tilia* (Tiliaceae), *Ulmus* (Ulmaceae), *Impatiens* (Balsaminaceae), *Berberis* (Berberidaceae), *Ribes* (Grossulariaceae), *Fraxinus* (Oleaceae), *Rhamnus*, *Frangula* (Rhamnaceae), *Abies*, *Larix Picea* (Pinaceae). Imago: May–July, August–September. Bivoltine species.

**P. heparana** ([Denis & Schiffermüller], 1775). Host-plants: *Acer* (Sapindaceae), *Achillea*, *Arctium*, *Artemisia*, *Erigeron* (Asteraceae), *Alnus*, *Betula*, *Carpinus*, *Corylus* (Betulaceae), *Lonicera periclymenum* L. (Caprifoliaceae), *Beta vulgaris* L. (Chenopodiaceae), *Cornus* (Cornaceae), *Elaeagnus* (Elaeagnaceae), *Rhododendron mucronulatum* Turcz., *Vaccinium uliginosum* L., *V. vitis-idaea* L. (Ericaceae), *Phaseolus*, *Trifolium repens* L. (Fabaceae), *Castanea*, *Fagus*, *Quercus* (Fagaceae), *Lysimachia* (Primulaceae), *Crataegus*, *Cydonia*, *Fragaria*, *Geum*, *Malus*, *Potentilla*, *Prunus*, *Pyrus*, *Rosa*, *Rubus*, *Sorbus* (Rosaceae), *Populus*, *Salix* (Salicaceae), *Tilia* (Tiliaceae), *Ulmus* (Ulmaceae), *Ribes* (Grossulariaceae), *Fraxinus*, *Ligustrum*, *Syringa* (Oleaceae), *Rhamnus* (Rhamnaceae), *Juglans* (Juglandaceae), *Linum usitatissimum* L. (Linaceae), *Morus* (Moraceae), *Myrica gale* L. (Myricaceae), *Rumex obtusifolius* L. (Polygonaceae), *Humulus lupulus* L. (Cannabaceae), *Hibiscus cannabinus* L. (Malvaceae), *Anchusa* (Boraginaceae). Imago: May–July, August–September. Bivoltine species.

**Syndemis musculana** (Hübner, [1796–1799]). Host-plants: *Betula*, *Alnus* (Betulaceae), *Quercus* (Fagaceae), *Larix*, *Picea* (Pinaceae), *Agrimonia*, *Crataegus*, *Malus*, *Padus*, *Prunus*, *Pyrus*, *Rubus*, *Sorbus* (Rosaceae), *Salix*, *Populus* (Salicaceae), *Tilia* (Tiliaceae), *Genista* (Fabaceae), *Rhamnus*, *Frangula* (Rhamnaceae), *Lythrum* (Lythraceae), *Pyrola rotundifolia* L. (Ericaceae), *Lysimachia* (Myrsinaceae), *Lycopus*, *Satureja*, *Stachys*, *Teucrium*, (Lamiaceae), *Scrophularia* (Scrophulariaceae), *Galium* (Rubiaceae), *Achillea*, *Eupatorium*, *Solidago* (Asteraceae). Imago: April–June. One generation per year.

**Adoxophyes orana** (Fischer von Röslerstamm, 1834). Host-plants: *Camellia* (Theaceae), *Pistacia* (Anacardiaceae), *Alnus*, *Betula*, *Carpinus betulus* L., *Corylus avellana* L. (Betulaceae), *Humulus lupulus* L. (Cannabaceae), *Lonicera periclymenum* L. (Caprifoliaceae), *Diospyros kaki* Thunb. (Ebenaceae), *Vaccinium uliginosum* L. (Ericaceae), *Albizia lebbek* (L.) Benth., *Arachis hypogaea* L., *Glycine max* (L.) Merr. (Fabaceae), *Castanea*, *Castanopsis*, *Lithocarpus*, *Quercus*, *Fagus* (Fagaceae), *Ribes* (Grossulariaceae), *Gossypium herbaceum* L. (Malvaceae), *Morus alba* L. (Moraceae), *Crataegus*, *Cydonia oblonga* Mill., *Cotoneaster*, *Eriobotrya*, *Malus*, *Padus*, *Prunus*, *Pyrus*, *Rosa*, *Rubus idaeus* L. (Rosaceae), *Citrus* (Rutaceae), *Populus*, *Salix* (Salicaceae), *Solanum dulcamara* L. (Solanaceae), *Larix* (Pinaceae), *Ulmus*



(Ulmaceae), *Acer campestre* L. (Sapindaceae), *Tilia* (Tiliaceae), *Fraxinus*, *Ligustrum*, *Syringa vulgaris* L. (Oleaceae), *Polygonum persicaria* L. (Polygonaceae). Imago: May–July, August–September. Bivoltine species.

***Sparganothis pilleriana* ([Denis & Schiffermüller], 1775).** Host-plants: *Artemisia campestris* L., *Centaurea* (Asteraceae), *Humulus lupulus* L. (Cannabaceae), *Lespedeza thunbergii* (DC.) Nakai, *Wisteria brachybotrys* Siebold & Zucc. (Fabaceae), *Iris pseudacorus* L. (Iridaceae), *Origanum vulgare* L., *Stachys*, *Salvia officinalis* L., *Origanum vulgare* L. (Lamiaceae), *Disporum smilacinum* A. Gray (Liliaceae), *Narthecium ossifragum* (L.) Huds. (Nartheciaceae), *Abies*, *Larix*, *Picea*, *Pinus* (Pinaceae), *Juniperus* (Cupressaceae), *Plantago*, *Globularia* (Plantaginaceae), *Limonium vulgare* Mill. (Plumbaginaceae), *Pteridium aquilinum* (L.) Kuhn (Pteridophyta), *Clematis*, *Thalictrum* (Ranunculaceae), *Cerasus*, *Cotoneaster*, *Filipendula*, *Fragaria*, *Malus*, *Prunus*, *Pyrus*, *Rosa*, *Rubus*, *Sorbus* (Rosaceae), *Vitis vinifera* L. (Vitaceae), *Pteridium aquilinum* (L.) Kuhn (Polypodiaceae), *Polygonatum*, *Convallaria majalis* L. (Asparagaceae), *Salix*, *Populus* (Salicaceae), *Betula*, *Carpinus betulus* L. (Betulaceae), *Quercus* (Fagaceae), *Sedum telephium* L. (Crassulaceae), *Geranium* (Geraniaceae), *Dictamnus albus* L. (Rutaceae), *Cotinus coggygria* Scop. (Anacardiaceae), *Euonymus* (Celastraceae), *Frangula alnus* Mill. (Rhamnaceae), *Helianthemum* (Cistaceae), *Bupleurum falcatum* L., *Seseli hippomarathrum* Jacq (Apiaceae), *Peucedanum oreoselinum* (L.) Moench., *Lysimachia* (Primulaceae), *Limonium* (Plumbaginaceae), *Asclepias*, *Cynanchum*, *Vincetoxicum* (Apocynaceae), *Convolvulus* (Convolvulaceae), *Galium* (Rubiaceae). Imago: June–August. One generation per year.

***Pseudargyrotoza conwagana* (Fabricius, 1775).** Host-plants: *Berberis vulgaris* L. (Berberidaceae), *Fraxinus excelsior* L., *Syringa vulgaris* L., *Ligustrum vulgare* L. (Oleaceae). Imago: May–July. One generation per year.

***Endothenia gentianaeana* (Hübner, [1796–1799]).** Host-plants: *Dipsacus fullonum* L. (Dipsacaceae), *Gentiana acaulis* L., *Gentianella germanica* (Willd.) E.F. Warb. (Gentianaceae), *Plantago media* L. (Plantaginaceae), *Euphrasia* (Orobanchaceae), *Anchusa* (Boraginaceae), *Dianthus* (Caryophyllaceae). Imago: May–August. Bivoltine species.

***E. marginana* (Haworth, [1811]).** Host-plants: *Gentiana pneumonanthe* L. (Gentianaceae), *Galeopsis*, *Stachys officinalis* (L.) Trev. (Lamiaceae), *Pedicularis palustris* L., *P. sylvatica* L., *Rhinanthus minor* L. (Orobanchaceae). Imago: May–September. Bivoltine species.

***E. nigricostana* (Haworth, [1811]).** Host-plants: *Lamium*, *Stachys sylvatica* L., *Stachys palustris* L. (Lamiaceae). Imago: May–August. Bivoltine species.

***E. quadrimaculana* (Haworth, [1811]).** Host-plants: *Symphytum officinale* L. (Boraginaceae), *Mentha spicata* L., *Stachys palustris* L. (Lamiaceae). Imago: May–September. Bivoltine species.

***Bactra furfurana* (Haworth, [1811]).** Host-plants: *Cyperus*, *Schoenoplectus lacustris* (L.) Palla (Cyperaceae), *Juncus conglomeratus* L., *J. effusus* L. (Juncaceae). Imago: May–August. Bivoltine species.

***B. suedana* Bengtsson, 1989.** Host-plants are unknown. Imago: June–August. Bivoltine species.

***Apotomis lineana* ([Denis & Schiffermüller], 1775).** Host-plants: *Salix alba* L., *S. fragilis* L. (Salicaceae), *Betula* (Betulaceae). Imago: June–August. One generation per year.

***A. betuletana* (Haworth, [1811]).** Host-plants: *Betula* (Betulaceae). Imago: June–September. Bivoltine species.

***Orthotaenia undulana* ([Denis & Schiffermüller], 1775).** Host-plants: *Lonicera periclymenum* L. (Caprifoliaceae), *Juniperus communis* L. (Cupressaceae), *Hippophae rhamnoides* L. (Elaeagnaceae), *Vaccinium uliginosum* L. (Ericaceae), *Alnus*, *Betula* (Betulaceae), *Salix* (Salicaceae), *Acer* (Sapindaceae), *Ulmus* (Ulmaceae), *Urtica* (Urticaceae), *Quercus* (Fagaceae), *Cerasus*, *Malus*, *Padus*, *Prunus*, *Rubus*, *Rosa*, *Sorbus* (Rosaceae), *Pinus* (Pinaceae), *Veronica* (Plantaginaceae), *Myrica* (Myricaceae), *Epilobium* (Onagraceae) и др. Imago: June–August. Bivoltine species.

***Hedya salicella* (Linnaeus, 1758).** Host-plants: *Populus tremula* L., *P. nigra* L., *Salix alba* L., *S. atrocinerea* Brot., *S. caprea* L., *S. cinerea* L. Imago: May–October. Bivoltine species.

***H. nubiferana* (Haworth, [1811]).** Host-plants: *Myrica* (Myricaceae), *Crataegus*, *Malus*, *Prunus salicina* Lindl., *Pyrus*, *Rosa*, *Sorbus* (Rosaceae), *Alnus*, *Betula* (Betulaceae), *Quercus* (Fagaceae), *Salix* (Salicaceae) и др. Imago: May–August. One generation per year.

***H. pruniana* (Hübner, [1796–1799]).** Host-plants: *Corylus avellana* L. (Betulaceae), *Crataegus*, *Malus sylvestris* (L.) Mill., *Prunus avium* (L.) L., *P. domestica* L., *P. spinosa* L., *Pyrus*, *Rosa*, *Sorbus* (Rosaceae), *Taxus baccata* L. (Taxaceae). Imago: May–July. One generation per year.

***H. ochroleucana* (Frölich, 1828).** Host-plants: *Malus sylvestris* (L.) Mill., *Pyrus communis* L., *Rosa davurica* Pall., *R. rugosa* Thunb. ex Murray, *Sorbus* (Rosaceae). Imago: May–July (September). Bivoltine species.

***Celypha rufana* (Scopoli, 1763).** Host-plants: *Achillea*, *Artemisia vulgaris* L., *Sonchus arvensis* L., *S. asper* (L.) Hill, *Tanacetum vulgare* L., *Taraxacum officinale* F. H. Wigg. aggr. (Asteraceae). Imago: June–August. One generation per year.

***C. cespitana* (Hübner, [1814–1817]).** Host-plants: *Armeria maritima* Willd., *Limonium* (Plumbaginaceae), *Spartium* (Poaceae), *Calluna vulgaris* (L.) Hull (Ericaceae), *Cytisus scoparius* (L.) Link., *Trifolium* (Fabaceae), *Castanea* (Fagaceae), *Thymus* (Lamiaceae), *Picea engelmanni* Parry ex Engelm., *Larix occidentalis* Nutt. (Pinaceae), *Fragaria* (Rosaceae), *Populus balsamifera* L., *P. tremuloides* Michx. (Salicaceae). Imago: May–September. One generation per year.

***Syricoris lacunana* ([Denis & Schiffermüller], 1775).** Host-plants: *Anthriscus* (Apiaceae), *Artemisia vulgaris* L., *Chrysanthemum*, *Cirsium palustre* (L.) Scop., *Matricaria* (Asteraceae), *Betula* (Betulaceae), *Lonicera periclymenum* L. (Caprifoliaceae), *Chenopodium* (Chenopodiaceae), *Vaccinium uliginosum* L. (Ericaceae), *Ononis* (Fabaceae), *Lamium*,

*Mentha haplocalyx* Briq. (Lamiaceae), *Hibiscus syriacus* L. (Malvaceae), *Ligustrum* (Oleaceae), *Epilobium* (Onagraceae), *Larix decidua* Mill., *Picea sitchensis* (Bong.) Carriere (Pinaceae), *Pteridium aquilinum* (L.) Kuhn (Polypodiaceae), *Lysimachia vulgaris* L. (Primulaceae), *Caltha palustris* L., *Ranunculus* (Ranunculaceae), *Comarum*, *Filipendula ulmaria* (L.) Maxim., *Fragaria*, *Rubus idaeus* L., *Sanguisorba* (Rosaceae), *Salix cinerea* L. (Salicaceae), *Urtica* (Urticaceae). Imago: May–September. Bivoltine species.

***S. rivulana* (Scopoli, 1763)**. Host-plants: *Hieracium* (Asteraceae), *Alnus glutinosa* (L.) Gaertn., *Betula* (Betulaceae), *Scabiosa* (Dipsacaceae), *Genista tinctoria* L., *Lotus*, *Medicago* (Fabaceae), *Ribes* (Grossulariaceae), *Orchis* (Orchidaceae), *Plantago* (Plantaginaceae), *Filipendula ulmaria* (L.) Maxim., *Rubus*, *Galium* (Rosaceae). Imago: May–August. Bivoltine species.

***Piniphila bifasciana* (Haworth, [1811])**. Host-plants: *Rhododendron*, *Vaccinium* (Ericaceae), *Abies*, *Pinus* (Pinaceae). Imago: June–July. One generation per year.

***Lobesia fuligana* (Haworth, [1811])**. Host-plants: *Artemisia*, *Cirsium arvense* (L.) Scop. (Asteraceae), *Anchusa officinalis* L., *Echium vulgare* L. (Boraginaceae), *Allium oleraceum* (Alliaceae). Imago: May, July–August. Bivoltine species.

***Thiodia citrana* (Hübner, [1796–1799])**. Host-plants: *Achillea millefolium* L., *Anthemis cotula* L., *A. tinctoria* L., *Artemisia campestris* L., *A. vulgaris* L., *Tanacetum vulgare* L. (Asteraceae). Imago: June–September.

***Spilonota ocellana* ([Denis & Schiffermüller], 1775)**. Host-plants: *Larix* (Pinaceae), *Rhus* (Anacardiaceae), *Alnus*, *Betula pubescens* Ehrh. (as alba), *Carpinus betulus* L. (Betulaceae), *Hippophae rhamnoides* L. (Elaeagnaceae), *Kalmia* (Ericaceae), *Euphorbia paralias* L. (Euphorbiaceae), *Quercus* (Fagaceae), *Juglans* (Juglandaceae), *Myrica gale* L. (Myricaceae), *Rumex obtusifolius* L. (Polygonaceae), *Chaenomeles*, *Crataegus*, *Cydonia*, *Malus*, *Prunus*, *Pyracantha*, *Pyrus*, *Rubus*, *Sorbus* (Rosaceae), *Salix cinerea* L. (Salicaceae). Imago: May–August. Bivoltine species.

***Gibberifera simplana* (Fischer von Röslerstamm, 1836)**. Host-plants: *Populus tremula* L., *Salix* (Salicaceae). Imago: May–July.

***Epinotia tenerana* ([Denis & Schiffermüller], 1775)**. Host-plants: *Alnus glutinosa* (L.) Gaertn., *Corylus avellana* L. (Betulaceae). Imago: June–September.

***E. nisella* (Clerck, 1759)**. Host-plants: *Alnus*, *Betula* (Betulaceae), *Populus*, *Salix* (Salicaceae). Imago: May–September.

***Zeiraphera isertana* (Fabricius, 1794)**. Host-plants: *Quercus robur* L. (Fagaceae). Imago: June–August. One generation per year.

***Eucosma obumbratana* (Lienig & Zeller, 1846)**. Host-plants: *Centaurea jacea* L., *Picris hieracioides* L., *Sonchus arvensis* L. (Asteraceae). Imago: June–August. One generation per year.

***E. cana* (Haworth, [1811])**. Host-plants: *Carduus nutans* L., *Centaurea nigra* L., *Cirsium arvense* (L.) Scop., *C. palustre* (L.) Scop., *C. vulgare* (Savi) Ten. (Asteraceae). Imago: June–August. One generation per year.

***E. parvulana* (Wilkinson, 1859)**. Host-plants: *Serratula tinctoria* L. и др. видах рода. Imago: July–August. One generation per year.

***E. flavispecula* Kuznetsov, 1964**. Host-plants: *Centaurea jacea* (Asteraceae). Imago: June–July. One generation per year.

***E. metzneriana* (Treitschke, 1830)**. Host-plants: *Artemisia vulgaris* L., *A. absinthium* L. (Asteraceae). Imago: May–July. One generation per year.

***E. conterminana* (Guenée, 1845)**. Host-plants: *Lactuca sativa* L., *L. serriola* L., *L. virosa* L. (Asteraceae). Imago: July–August. One generation per year.

***Gypsonoma dealbana* (Frölich, 1828)**. Host-plants: *Corylus avellana* L. (Betulaceae), *Lonicera periclymenum* L. (Caprifoliaceae), *Quercus* (Fagaceae), *Crataegus*, *Prunus*, *Pyrus* (Rosaceae), *Populus*, *Salix* (Salicaceae). Imago: June–August. One generation per year.

***G. sociana* (Haworth, [1811])**. Host-plants: *Populus nigra* L., *P. tremula* L., *Salix* (Salicaceae). Imago: May–July. One generation per year.

***Epiblema scutulana* ([Denis & Schiffermüller], 1775)**. Host-plants: *Arctium* sp., *Carduus nutans* L., *Centaurea nigra* L., *Cirsium palustre* (L.) Scop., *C. arvense* (L.) Scop., *C. vulgare* (Savi) Ten. (Asteraceae). Imago: May–August. One generation per year.

***E. cirsiana* (Zeller, 1843)**. Host-plants: *Cirsium palustre* (L.) Scop., *Centaurea nigra* L., *Carlina* (Asteraceae). Imago: July–August. One generation per year.

***E. foenella* (Linnaeus, 1758)**. Host-plants: *Artemisia abrotanum* L., *A. vulgaris* L., *Centaurea*, *Cirsium arvense* (L.) Scop. (Asteraceae). Imago: June–August. One generation per year.

***E. grandaevana* (Lienig & Zeller, 1846)**. Host-plants: *Petasites albus* (L.) Gaertn., *P. hybridus* (L.) P. Gaertn. et al., *P. niveus* Baumg., *Tussilago farfara* L. (Asteraceae). Imago: May–July. One generation per year.

***E. junctana* (Herrich-Schäffer, 1856)**. Host-plants: *Inula salicina* L. (Asteraceae). Imago: May–July. One generation per year.

***Notocelia uddmanniana* (Linnaeus, 1758)**. Host-plants: *Rubus idaeus* L., *R. loganobaccus* L.H. Bailey, *R. plicatus* Weihe & Nees. (Rosaceae). Imago: May–August. Bivoltine species.

**Gravitarmata margarotana** (Heinemann, 1863). Host-plants: *Abies*, *Picea*, *Pinus* (Pinaceae). Imago: April–May. One generation per year.

**Rhyacionia buoliana** ([Denis & Schiffermüller], 1775). Host-plants: *Picea*, *Abies*, *Pinus* (Pinaceae). Imago: June–August. One generation per year.

**Ancylis laetana** (Fabricius, 1775). Host-plants: *Populus nigra* L., *P. tremula* L. (Salicaceae). Imago: April–August. Bivoltine species.

**A. obtusana** (Haworth, [1811]). Host-plants: *Frangula alnus* Mill., *Rhamnus cathartica* L. (Rhamnaceae). Imago: May–July. One generation per year.

**A. selenana** (Guenée, 1845). Host-plants: *Cerasus*, *Crataegus*, *Malus*, *Prunus*, *Pyrus* (Rosaceae). Imago: April–June, July–September. Bivoltine species.

**A. badiana** ([Denis & Schiffermüller], 1775). Host-plants: *Lathyrus pratensis* L., *Trifolium repens* L., *Vicia* (Fabaceae). Imago: April–June, July–August. Bivoltine species.

**A. achatana** ([Denis & Schiffermüller], 1775). Host-plants: *Crataegus*, *Cotoneaster*, *Malus sylvestris* (L.) Mill., *Prunus spinosa* L., *Pyrus communis* L., *Rubus idaeus* L., *R. plicatus* Weihe & Nees, *Sorbus aucuparia* L. (Rosaceae), *Salix caprea* L. (Salicaceae), *Urtica* (Urticaceae). Imago: May–August. One generation per year.

**A. mitterbacheriana** ([Denis & Schiffermüller], 1775). Host-plants: *Carpinus betulus* L. (Betulaceae), *Castanea sativa* Mill., *Fagus sylvatica* L., *Quercus robur* L. (Fagaceae). Imago: April–August. One generation per year.

**Cydia strobilella** (Linnaeus, 1758). Host-plants: *Picea*, *Pinus*, *Larix*, *Abies* (Pinaceae). Imago: April–July. One generation per year.

**C. pomonella** (Linnaeus, 1758). Host-plants: *Castanea sativa* Mill. (Fagaceae), *Juglans regia* L. (Juglandaceae), *Malus*, *Cydonia oblonga* Mill., *Persica vulgaris* Mill., *Prunus domestica* L., *Sorbus*, *Prunus armeniaca* L., *Pyrus communis* L. (Rosaceae), *Macadamia* F. Muell. (Proteaceae), *Citrus sinensis* (L.) Osbeck (Rutaceae), *Rheedia madruno* (Kunth) Planchon et Triana (Clusiaceae), *Ficus carica* L. (Moraceae), *Punica granatum* L. (Lythraceae). Imago: May–September. Bivoltine species.

**C. pyrivora** (Danilevsky, 1947). Host-plants: *Pyrus pyraeaster* Burgsd., *P. communis* L. (Rosaceae). Imago: June–August. One generation per year.

**C. fagiglandana** (Zeller, 1841). Host-plants: *Fagus sylvatica* L., *F. orientalis* Lipsky, *Castanea sativa* Mill., *Quercus* (Fagaceae), *Juglans regia* L. (Juglandaceae), *Corylus avellana* L. (Betulaceae). Imago: May–June, July–August. Bivoltine species.

**C. splendana** (Hübner, 1796–1799). Host-plants: *Fagus sylvatica* L., *Castanea sativa* Mill., *Quercus* (Fagaceae), *Juglans regia* L. (Juglandaceae), *Corylus* (Betulaceae), *Cupressus* (Cupressaceae). Imago: June–August. One generation per year.

**C. amplana** (Hübner, 1796–1799). Host-plants: *Fagus sylvatica* L., *Castanea sativa* Mill., *Quercus* (Fagaceae), *Juglans regia* L. (Juglandaceae), *Corylus avellana* L. (Betulaceae). Imago: June–August. One generation per year.

**Grapholita delineaana** (Walker, 1863). Host-plants: *Canabis sativa* L., *Humulus lupulus* L. (Cannabaceae). Imago: May–September. Bivoltine species.

**G. funebrana** (Treitschke, 1835). Host-plants: *Cerasus*, *Crataegus*, *Padus*, *Prunus*, *Pyrus*, *Rosa* (Rosaceae). Imago: May–September. Bivoltine species.

**Dichrorampha simpliciana** (Haworth, 1811). Host-plants: *Artemisia vulgaris* L. (Asteraceae). Imago: July–August. One generation per year.

**Conclusion.** In this article we dealt with 198 species of the phytophagous Microlepidoptera from 6 families which are representatives of one of the vast lepidopteran complex in the Palaearctic region. Some species often considerably damaged arboreal and bushes plants. As a result of the carried out research a detailed modern checklist of taxonomical diversity and trophical connections of the examined moths which are widely distributed in the palaeartic forest-park phytocenoses is recorded for the first time.

#### REFERENCES

- Gershenson Z. S. *Vestnik Vitebskogo dzharzhunaga universiteta* [Journal of Vitebsk State University], 2015, 5(89), pp. 37–40.
- Piskunov V. I., Gershenson Z. S., Kavurka V. V. *Vestnik Vitebskogo dzharzhunaga universiteta* [Journal of Vitebsk State University], 2012, 4(70), pp. 73–83.
- Gershenson Z. S. *Vestnik Vitebskogo dzharzhunaga universiteta* [Journal of Vitebsk State University], 2017, 2(95), pp. 56–61.
- Buszko, J. et al. *Gelechiidae / J. Buszko, O. Karsholt, T. Rynarzewskiy // The Lepidoptera of Poland: A Distributional Checklist* ed. by Jaroslaw Buszko, Janusz Nowacki / Polish Entomological monographs. – Poznań–Toruń: Polski Towarzystwo Entomologiczne, 2000. – Vol. 1. – P. 41–51, 137.
- Lewis, J. A. *World Catalogue of Insects*. Vol. 12: Lepidoptera: Yponomeutidae I / J. A. Lewis and J.-C. Sohn. – Leiden: Brill, 2015. – 253 p.
- Razowski, J. *Tortricidae (Lepidoptera) of Europe*. Vol. 1: Tortricinae and Chlidanotinae / J. Razowski. – Bratislava: F. Slamka, 2002. – 248 p.
- Razowski, J. *Tortricidae (Lepidoptera) of Europe*. Vol. 2: Olethreutinae / J. Razowski. – Bratislava: F. Slamka, 2003. – 302 p.
- Kozhanchikov I.V. *Vrediteli lesa: Spravochnik* [Forest Pests, Directory], M.–L.: Izd-vo AN SSSR. 1955, 1, pp. 35–285.
- Gershenson Z.S. *Vrediteli selskokhozyaystvennykh kultur i lesnykh nasazhdeniy. Vrednyye chlenistonogiy, pozvonochnyye* [Crop and Wood Plant Pests], K.: Urozhay, 1988, 2, pp. 289–296.

10. Lvovski A.L., Piskunov V.I. *Nasekomyye i kleshchi – vrediteli selskokhozyaystvennykh kultur. Cheshuyekrylyye* [Insects and Ticks – Crop Pests. Lepidoptera], SPb.: Nauka, 1999, 3, P. 2, pp. 46–93.
11. Elsner, J. et al. Die Palpenmotten (Lepidoptera, Gelechiidae) Mitteleuropas: Bestimmung – Verbreitung – Flugstandort. Lebensweise der Raupen / J. Elsner, P. Huemer, J. Tokár. – Bratislava: F. Slamka, 1999. – 208 S.
12. Webster, M. *New Geographical Dictionary* / M. Webster. – Springfield: Merriam Webster Inc., 1972. – 1376 p.

ЛИТЕРАТУРА

1. Гершензон, З.С. Особенности формирования консортивных связей молей-ипономеутид (Lepidoptera, Yponomeutidae) / З.С. Гершензон // Весн. Віцеб. дзярж. ун-та. – 2015. – № 5(89). – С. 37–40.
2. Пискунов, В.И. К изучению видового состава микрочешуекрылых (Lepidoptera: Yponomeutidae, Argyresthiidae, Plutellidae, Tortricidae) Беларуси / В.И. Пискунов, З.С. Гершензон, В.В. Кавурка // Весн. Віцеб. дзярж. ун-та. – 2012. – № 4(70). – С. 73–83.
3. Гершензон, З.С. К изучению видового состава молей-ипономеутид Палеарктики (Lepidoptera, Yponomeutidae) / З.С. Гершензон // Весн. Віцеб. дзярж. ун-та. – 2017. – № 2(95). – С. 56–61.
4. Buszko, J. et al. Gelechiidae / J. Buszko, O. Karsholt, T. Rynarzeuskiy // *The Lepidoptera of Poland: A Distributional Checklist* ed. by Jaroslaw Buszko, Janusz Nowacki / Polish Entomological monographs. – Poznań–Toruń: Polski Towarzystwo Entomologiczne, 2000. – Vol. 1. – P. 41–51, 137.
5. Lewis, J. A. *World Catalogue of Insects*. Vol. 12: Lepidoptera: Yponomeutidae I / J.A. Lewis and J.-C. Sohn. – Leiden: Brill, 2015. – 253 p.
6. Razowski, J. Tortricidae (Lepidoptera) of Europe. Vol. 1: Tortricinae and Chlidanotinae / J. Razowski. – Bratislava: F. Slamka, 2002. – 248 p.
7. Razowski, J. Tortricidae (Lepidoptera) of Europe. Vol. 2: Olethreutinae / J. Razowski. – Bratislava: F. Slamka, 2003. – 302 p.
8. Кожанчиков, И.В. Отряд Lepidoptera – чешуекрылые, или бабочки / И.В. Кожанчиков // *Вредители леса: справочник* / ред. А.А. Штакельберг. – М.–Л.: изд-во АН СССР, 1955. – Т. I. – С. 35–285.
9. Гершензон, З.С. Семейство выемчатокрылые моли – Gelechiidae / З.С. Гершензон // *Вредители сельскохозяйственных культур и лесных насаждений*. – 2-е изд., испр. и доп. – К.: Урожай, 1988. – Т. 2: Вредные кленистоногие, позвоночные. – С. 289–296.
10. Львовский, А.Л. Сем. Gelechiidae – выемчатокрылые моли / А.Л. Львовский, В.И. Пискунов // *Насекомые и клещи – вредители сельскохозяйственных культур*. Чешуекрылые. – СПб.: Наука, 1999. – Т. 3, ч. 2. – С. 46–93.
11. Elsner, J. et al. Die Palpenmotten (Lepidoptera, Gelechiidae) Mitteleuropas: Bestimmung – Verbreitung – Flugstandort. Lebensweise der Raupen / J. Elsner, P. Huemer, J. Tokár. – Bratislava: F. Slamka, 1999. – 208 S.
12. Webster, M. *New Geographical Dictionary* / M. Webster. – Springfield: Merriam Webster Inc., 1972. – 1376 p.

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