

TAXONOMICAL NOTES AND CHECKLISTS

Notes to lichen-forming and lichenicolous fungi in Ukraine V

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**ABSTRACT**

Materials and methods: field observations, microscope technique

Nomenclature: Index Fungorum www.indexfungorum.org

Results: This contribution presents new data on the lichen-forming and lichenicolous fungi of Ukraine. It includes new records and confirmations for 61 species of lichen-forming and 9 species of lichenicolous fungi within Odesa and Volyn regions. The lichens were primarily found at the bases of old oak and pine trees, the circumferences of which is also provided for each locality. The reported taxa belong to the genera *Acrocordia*, *Agonimia*, *Anisomeridium*, *Arthonia*, *Bacidia*, *Bacidina*, *Bactrospora*, *Candelariella*, *Catillaria*, *Chaenotheca*, *Cladonia*, *Cladophialophora*, *Coppinsiella*, *Cornutispora*, *Didymocyrtis*, *Diploschistes*, *Fellhanera*, *Flavoplaca*, *Eopyrenula*, *Halecania*, *Hypocenomys*, *Gyalecta*, *Gyalectiphila*, *Kuettlingeria*, *Lecania*, *Lecidea*, *Lecidella*, *Lepraria*, *Lichenocodium*, *Micarea*, *Mycocalicium*, *Myrionora*, *Oxneria*, *Parmeliopsis*, *Psoroglaena*, *Ramalina*, *Rinodina*, *Phaeophyscia*, *Physciella*, *Physconia*, *Placynthiella*, *Polycauliona*, *Punctelia*, *Staurothele*, *Strangospora*, *Swinscowia*, *Taeniolella*, *Thelenella*, *Trapeliopsis*, *Trichoconis*, *Unguiculariopsis*, and *Verrucaria*. Among these, 31 species are reported for the first time for the Volyn region, and 39 species are new to the Odesa region. Notably, *Agonimia repleta*, *Bacidina neosquamulosa*, *Fellhanera gyrophorica*, *Gyalecta arbuti*, *Halecania viridescens*, and *Swinscowia affinis* represent the first records for the lowland part of Ukraine. The species *Fellhanera gyrophorica*, *Gyalecta arbuti*, *Strigula affinis*, and *Unguiculariopsis thallophila* represent the second records for Ukraine. The study provides recent data from 14 Nature Reserves of national and local significance, including the Danycheve Botanical Reserve, Dibrova Mohylevska Landscape Reserve, Savranskyi Lis Landscape Reserve, Sliusarivskyi Dub Natural Monument, and the Staromanzyrskyi and Tarutynskyi Step Landscape Reserves in the Odesa region, as well as the “Duby zvychaini-veletni” Botanical Natural Monument, Litynskyi Landscape Reserve, Ozerianskyi Zoological Reserve, Radovychivskyi Landscape Reserve, Sosnyna-2 Botanical Natural Monument, Voloshky Landscape Reserve, and Zadybskyi Landscape Reserve in the Volyn region.

KEYWORDS

biodiversity, forests, old trees, oak, pine, lowland, Odesa region, Volyn region, *Agonimia*, *Bacidina*, *Fellhanera*, *Halecania*, *Swinscowia*, *Unguiculariopsis*

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INTRODUCTION

This paper continues a series of publications documenting noteworthy records of lichens and lichenicolous fungi across various administrative regions of Ukraine (Darmostuk & Khodosovtsev 2020, Darmostuk *et al.* 2021, 2023, 2024). The primary aim of this study is to further contribute to the knowledge of lichen and lichenicolous fungi diversity within the country. This installment presents the findings of recent expeditions to the western and south-western plains of Ukraine, covering 14 Nature Reserves of national and local significance. Specifically, the survey included: the Danycheve Botanical Reserve, Dibrova Mohylevska Landscape Reserve, Savranskyi Lis Landscape Reserve, Sliusarivskyi Dub Natural Monument, and the Staromanzyrskyi and Tarutynskyi Step Landscape Reserves in the Odesa region and the “Duby zvychaini-veletni” Botanical Natural Monument, Litynskyi Landscape Reserve, Ozerianskyi Zoological Reserve, Radovychivskyi Landscape Reserve, Sosnyna-2 Botanical Natural Monument, Voloshky Landscape Reserve, and Zadybskyi Landscape Reserve in the Volyn region.

MATERIAL AND METHODS

The lichens and lichenicolous fungi were collected during field trips to the Odesa region in May 2025, October 2025, and April 2026, as well as to the Volyn region in August 2025, April 2026 and May 2026. Specimens were initially observed in the field using a $\times 10$ hand lens. Morphological and anatomical characters were subsequently examined in the laboratory using standard microscopy techniques with Optika-1, MICROMED-2, and Zeiss Axioscope microscopes. Cases where specimens were identified in the field but not collected are marked as “non coll.” in the text. Microscopic examination was performed in water. For species identification, standard chemical spot tests were used: saturated aqueous solution of calcium hypochlorite (C), 10% aqueous solution of potassium hydroxide (K), and an alcoholic solution of p-phenylenediamine (Pd). Measurements of ascospores, asci, conidia, conidiogenous cells, conidiophores, and ascomatal/pycnidial wall cells were made in water with an accuracy of 0.5 μm , while ascomata and pycnidia were measured with an accuracy of 5 μm . All examined specimens, cited with the author's collection numbers (abbreviated as “Khodos”), are deposited in the lichenological herbarium of the M.G. Kholodny Institute of Botany (KW-L). The nomenclature follows Index Fungorum (www.indexfungorum.org).

RESULTS AND DISCUSSION

Lichen-forming fungi

Acrocordia gemmata (Ach.) A. Massal.

The lichen was included in the Red Data List of the Volyn region (Andriyenko & Peregrym 2012). However, no specific localities within the region were published.

Specimen examined. Ukraine. Volyn Region, Kovel District, Vorona village, 190 m alt., 51.12025° N, 24.79946° E, on *Populus nigra*, circumference at breast height 255 cm, 16 April 2026, det. O. Khodosovtsev (non coll.).

Agonimia allobata (Stizenb.) P. James

This lichen is an indicator of old-growth forests. It has been collected from several locations in the Cherkasy, Ivano-Frankivsk, Kyiv, Sumy, and Zakarpattia regions (Kondratyuk *et al.* 2021). This species is reported here for the first time for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Podilskyi District, Savran village, Savranskyi Lis Landscape Reserve, 186 m alt., 48.09386° N, 30.20390° E, on *Quercus robur*, circumference at breast height 239 cm, 10 April 2026, leg. & det. O. Khodosovtsev (Khodos 16876 – KW).

Agonimia repleta Czarnota & Coppins

Although the species has been reported in the Carpathians (Kondratyuk *et al.* 2021, Khodosovtsev *et al.* 2025), it has never been collected in the lowland part of Ukraine. This is the first record for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Vorona village, 190 m alt., 51.12025° N, 24.79946° E, on *Populus nigra*, circumference at breast height 255 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17009 – KW).

***Agonimia tristicula* (Nyl.) Zahlbr.**

The lichen is usually reported from the Carpathians (Kondratyuk *et al.* 2021, Khodosovtsev *et al.* 2025) and is rarely collected in the lowland part of Ukraine (Kondratyuk *et al.* 2021). It is known from Autonomous Republic of Crimea and the Dnipropetrovsk, Kirovohrad, Khmelnytskyi, Mykolaiv, Zakarpattia, and Zaporizhzhia regions. However, it is reported here for the first time for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, Lisne village, Staromanzyrskyi Botanical reserve, 174 m alt., 46.47083° N, 29.34295° E, on *Fraxinus excelsior*, circumference at breast height 110 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17050 – KW).

***Anisomeridium polypori* (Ellis & Everh.) M.E. Barr**

The lichen was recorded in the Khmelnytskyi, Sumy, Zakarpattia (Kondratyuk *et al.* 2021, Khodosovtsev *et al.* 2025), and Kyiv (Khodosovtsev 2023a) regions. This species is reported here for the first time for the Volyn region.

Specimens examined. Ukraine. Volyn Region, Kovel District, Vorona village, 190 m alt., 51.11957° N, 24.80344° E, on *Tilia cordata*, circumference at breast height 350 cm, 16 April 2026, leg. & det. O. Khodosovtsev (Khodos 17031 – KW); Grushevka village, 200 m alt., 51.05045° N, 24.70552° E, on *Populus nigra*, circumference at breast height 255 cm, 15 April 2026, leg. & det. O. Khodosovtsev (Khodos 17045 – KW); Grushevka village, Litynskyi Landscape Reserve, 200 m alt., 51.0509° N, 24.70572° E, on *Quercus robur* at the base, circumference at breast height 130 cm, 15 April 2026, det. O. Khodosovtsev (non coll.).

***Arthonia mediella* Nyl.**

The lichen has been sporadically recorded in Ukraine within the Kirovohrad, Poltava, and Zakarpattia regions (Kondratyuk *et al.* 2021). This is the first report of the species for the Odesa region.

Specimens examined. Ukraine. Odesa Region, Podilskyi District, Savran village, Savranskyi Lis Landscape Reserve, 186 m alt., 48.09386° N, 30.20390° E, on *Quercus robur*, circumference at breast height 239 cm, 10 April 2026, leg. & det. O. Khodosovtsev (Khodos 16887 – KW); *ibid.*, 48.09390° N, 30.20409° E, on *Quercus robur*, circumference at breast height 206 cm, 10 April 2026, leg. & det. O. Khodosovtsev (Khodos 16878 – KW).

***Bacidia assulata* (Körb.) Vězda**

The lichen was rarely collected from Kharkiv, Poltava, Zakarpattia (Kondratyuk *et al.* 2021) and Kyiv (Khodosovtsev 2023a) regions. This species is a first time reported for Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Zelena village, Zadybskyi Botanical Reserve, 185 m alt., 51.14757° N, 24.70746° E, on *Quercus robur*, circumference at breast height 60 cm, 15 April 2026, leg. & det. O. Khodosovtsev (Khodos 17023 – KW).

***Bacidia fraxinea* Lönnr.**

The lichen is known from the Autonomous Republic of Crimea and the Kharkiv, Kherson, Khmelnytskyi, Kyiv, Mykolaiv, and Zakarpattia regions (Kondratyuk *et al.* 2021). This is the first record of the species for the Odesa region.

Specimens examined. Ukraine. Odesa Region, Bolgrad District, Budzhak village, 101 m alt., 46.267301° N, 29.273978° E, on *Fraxinus excelsior*, circumference at breast height 175 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17065 – KW); Lisne village, Staromanzyrskyi Botanical Reserve, 186 m alt., 46.46994° N, 29.341628° E, on *Quercus* sp., circumference at breast height 239 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17071 – KW).

***Bacidina chlorotricula* (Nyl.) Vězda & Poelt**

The lichen has been rarely collected in the Carpathians (Kondratyuk & Coppins 2000, Khodosovtsev *et al.* 2025) and the Kyiv region (Khodosovtsev 2023a). This species is reported here for the first time for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Peresika village, Ozerianskyi Zoological Reserve, 195 m alt., 51.06029° N, 24.81821° E, on *Alnus glutinosa*, 16 April 2026, leg. & det. O. Khodosovtsev (Khodos 17003 – KW).

***Bacidina neosquamulosa* (Aptroot & Herk) S. Ekman**

The lichen was recorded only once in the Carpathian Biosphere Reserve ([Vondrák et al. 2018](#)). This find represents the first record for the lowland part of Ukraine.

Specimen examined. Ukraine. Volyn Region, Kovel District, Grushevka village, Litynskyi Landscape Reserve, 200 m alt., 51.05091° N, 24.70572° E, on *Prunus avium*, circumference at breast height 90 cm, 15 April 2026, det. O. Khodosovtsev (Khodos 17040 – KW).

***Bacidina sulphurella* (Samp.) Hauck & V. Wirth**

While this lichen is common in the Carpathians ([Kondratyuk et al. 2021](#), [Khodosovtsev et al. 2025](#)), it has rarely been collected in the lowland areas of Ukraine, with only occasional records from the Kyiv region ([Khodosovtsev 2023a](#)).

Specimens examined. Ukraine. Odesa Region, Bolgrad District, Lisne village, Staromanzyrskyi Botanical Reserve, 174 m alt., 46.471297° N, 29.342691° E, on *Quercus robur*, circumference at breast height 191 cm, 7 April 2026, det. O. Khodosovtsev (non coll.); **Volyn Region**, Kovel District, Vorona village, 190 m alt., 51.119571° N, 24.803443° E, on *Tilia cordata*, circumference at breast height 350 cm, 16 April 2026, leg. & det. O. Khodosovtsev (Khodos 17020 – KW); Volia-Liubytivska village, Voloshky Landscape Reserve, 195 m alt., 51.11610° N, 24.89033° E, on mosses, on *Betula verrucosa*, circumference at breast height 90 cm, 14 April 2026, det. O. Khodosovtsev (not coll.); Grushevka village, Radovychivskyi Landscape Reserve, 210 m alt., 51.03871° N, 24.6998° E, on *Carpinus betulis*, circumference at breast height 140 cm, 15 April 2026, det. O. Khodosovtsev (non coll.).

***Bactrospora dryina* (Ach.) A. Massal.**

This lichen is an indicator of old-growth oak forests and has been rarely collected from the Kirovograd, Kyiv, Ivano-Frankivsk, Ternopil and Zakarpattia regions ([Kondratyuk et al. 2021](#), [Darmostuk et al. 2024](#)). It is reported here for the first time for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Grushevka village, Radovychivskyi Landscape Reserve, 210 m alt., 51.03879° N, 24.69856° E, on *Quercus robur*, circumference at breast height 330 cm, 15 April 2026, det. O. Khodosovtsev (non coll.).

***Candelariella efflorescens* R.C. Harris & W.R. Buck s. lat.**

In Ukraine, the sorediate species of the genus *Candelariella* require revision. Some specimens, especially those from near the Black Sea coast, may refer to *Candelariella rubrisoli* D. Liu & J.-S. Hur ([van der Kolk et al. 2025](#)). This species is reported here for the first time for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, Lisne village, Staromanzyrskyi Botanical Reserve, 186 m alt., 46.46994° N, 29.34162° E, on *Quercus* sp., circumference at breast height 188 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17072 – KW).

***Catillaria fungoides* Etayo & van den Boom**

The lichen was recently recorded in Ukraine from a single location in the Kyiv region ([Khodosovtsev 2023b](#)). This species is reported here for the first time for the Odesa region.

Specimens examined. Ukraine. Odesa Region, Bolgrad District, Lisne village, Staromanzyrskyi Botanical Reserve, 186 m alt., 46.46994° N, 29.34162° E, on *Juniperus virginiana*, circumference at breast height 128 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17076 – KW); 46.47012° N, 29.341289° E, on *Acer platanoides*, circumference at breast height 60 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17080 – KW).

***Catillaria nigroclavata* (Nyl.) Schuler**

The lichen is a common component of forest landscapes in Ukraine but remains rare within the steppe zone. It has been recorded in the Autonomous Republic of Crimea and the Donetsk, Ivano-Frankivsk, Kharkiv, Kherson, Kyiv, Lviv, Mykolaiv, Sumy, Ternopil, Volyn and Zakarpattia regions ([Kondratyuk et al. 2021](#), [Khodosovtsev et al. 2022](#), [Darmostuk et al. 2024](#)). This species is reported here for the first time for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, near Frumushika-Nova, Tarutynskyi Step Landscape Reserve, 112 m alt., 46.27995° N, 29.41942° E, on *Armeniaca vulgaris*, circumference at breast height 150 cm, 15 May 2025, det. O. Khodosovtsev (non coll.).

***Chaenotheca phaeocephala* (Turner) Th. Fr.**

The lichen is known from the Autonomous Republic of Crimea and the Donetsk, Kherson, Kyiv, Lviv, Rivne, Vinnytsia, and Zakarpattia regions (Darmostuk *et al.* 2021, Kondratyuk *et al.* 2021). This species is reported here for the first time for the Odesa region.

Specimens examined. Ukraine. Odesa Region, Podilskyi District, Savran village, Savranskyi Lis Landscape Reserve, 198 m alt., 48.09386° N, 30.20390° E, on *Quercus robur*, circumference at breast height 329 cm, 10 April 2026, leg. & det. O. Khodosovtsev (Khodos 16883 – KW); 48.09389° N, 30.20399° E, on *Quercus robur*, circumference at breast height 171 cm, 10 April 2026, det. O. Khodosovtsev (non coll.); 48.093839° N, 30.203758° E, on *Quercus robur*, circumference at breast height 254 cm, 10 April 2026, det. O. Khodosovtsev (non coll.); 48.09399° N, 30.20086° E, on *Quercus robur*, circumference at breast height 464 cm, 10 April 2026, det. O. Khodosovtsev (non coll.); Sliusarivskyi Dub Natural Monument, 198 m alt., 48.09404° N, 30.20412° E, on *Quercus robur*, circumference at breast height 510 cm, 10 April 2026, det. O. Khodosovtsev (non coll.).

***Chaenotheca stemonea* (Ach.) Müll. Arg.**

The lichen was recorded in the Autonomous Republic of Crimea, as well as the Cherkasy, Kharkiv, Kyiv, Lviv, Zakarpattia, and Zhytomyr regions (Kondratyuk *et al.* 2021). This species is reported here for the first time for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Vorona village, Sosnyna-2 Botanical Nature Monument, 190 m alt., 51.11766° N, 24.80754° E, on *Pinus sylvestris*, circumference at breast height 228 cm, 16 April 2026, det. O. Khodosovtsev (Khodos 17012 – KW).

***Chaenotheca trichialis* (Ach.) Th. Fr.**

This species is common on the bark of old trees throughout Ukraine (Kondratyuk *et al.* 2021), but it has never been recorded in the Odesa and Volyn region.

Specimens examined. Ukraine. Specimen examined. Ukraine. Odesa Region, Podilskyi District, Savran village, Savranskyi Lis Landscape Reserve, 186 m alt., 48.09386° N, 30.20390° E, on *Quercus robur*, circumference at breast height 329 cm, 10 April 2026, det. O. Khodosovtsev (non coll.); 48.09389° N, 30.20399° E, on *Quercus robur*, circumference at breast height 171 cm, 10 April 2026, det. O. Khodosovtsev (non coll.); 48.09390° N, 30.20433° E, on *Quercus robur*, circumference at breast height 239 cm, 10 April 2026, det. O. Khodosovtsev (non coll.); **Volyn Region,** Kovel District, Volia-Liubytivska village, Voloshky Landscape Reserve, 195 m alt., 51.15967° N, 24.88857° E, on *Pinus sylvestris*, circumference at breast height 110 cm, 14 April 2026, det. O. Khodosovtsev (not coll.); Grushevka village, Litynskyi Landscape Reserve, 200 m alt., 51.05091° N, 24.70572° E, on *Quercus robur* at the base, circumference at breast height 130 cm, 15 April 2026, det. O. Khodosovtsev (non coll.); Grushevka village, Radovychivskyi Landscape Reserve, 210 m alt., 51.03871° N, 24.6998° E, on *Quercus robur* at the base, circumference at breast height 322 cm, 15 April 2026, det. O. Khodosovtsev (non coll.); Peresika village, Ozerianskyi Zoological Reserve, 195 m alt., 51.060291° N, 24.812219° E, on *Quercus robur*, circumference at breast height 393 cm, 16 April 2026, det. O. Khodosovtsev (non coll.); Voloshky village, “Oaks the Giant” Botanical Natural Monument, 174 m alt., 51.188353° N, 24.854062° E, on *Quercus robur*, circumference at breast height 612 cm, 17 April 2026, det. O. Khodosovtsev (non coll.); 51.18829° N, 24.8536° E, on *Quercus robur*, circumference at breast height 442 cm, 17 April 2026, det. O. Khodosovtsev (non coll.).

***Cladonia rangiformis* Hoffm.**

The lichen is widespread in Ukraine (Kondratyuk *et al.* 2021), but it has never been reported from the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Perkovychi village, 177 m alt., 51.09728° N, 24.66065° E, on soil, 21 May 2026, leg. & det. O. Khodosovtsev (Khodos 17280 – KW).

***Coppinsiella substerilis* (Vondrák, Palice & van den Boom) S.Y. Kondr. & Lőkös**

In Ukraine, this rare species was previously known from only a few locations in the Kherson and Zakarpattia regions (Kondratyuk *et al.* 2021). This lichen is reported here for the first time for the Odesa region.

Specimen examined. Ukraine. Odesa region, Bolgrad District, Vesela Dolyna village, planned research and experimental site of the F.E. Falz-Fehn Askania-Nova Biosphere Reserve, 84 m alt., 46.229487° N, 29.304454° E, on *Fraxinus excelsior*, circumference at breast height 150 cm, 17 October 2025, det. O. Khodosovtsev (Khodos 16671 – KW).

***Diploschistes muscorum* (Scop.) R. Sant.**

The lichen known from the Autonomic Republic of Crimea, Chernivtsi, Donetsk, Ivano-Frankivsk, Khmelnytskyi, Kherson, Luhansk, Lviv, Mykolaiv, Poltava, and Zakarpattia regions (Kondratyuk *et al.* 2021). It is the first time reported for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Perkovychi village, 174 m alt., 51.09880° N, 24.65500° E, on mosses, on sand soil, 21 May 2026, det. O. Khodosovtsev (non coll.).

***Fellhanera gyrophorica* Sérus., Coppins, Diederich & Scheid.**

This is a rare lichen in Ukraine, previously known only from its toptype locality in the Carpathians (Sérusiaux *et al.* 2001). It is characterized by distinct, gaping pycnidia that react C+ red. This species is reported here for the first time from the lowland part of Ukraine.

Specimen examined. Ukraine. Volyn Region, Kovel District, Grushevka village, Litynskyi Landscape Reserve, 200 m alt., 51.05069° N, 24.70548° E, on *Quercus robur* at the base, circumference at breast height 190 cm, 15 April 2026, leg. et det. O. Khodosovtsev (Khodos 17043 – KW).

***Flavoplaca flavocitrina* (Nyl.) Arup, Frödén & Søchting**

The lichen was collected from the Autonomic Republic of Crimea, Dnipropetrovsk, Kirovograd, Kherson, Khmelnytskyi, Lviv, Luhansk, Mykolaiv, Sumy and Zhytomyr (Kondratyuk *et al.* 2021). It is the first time reported for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, Frumushika-Nova, Tarutynskyi Step Landscape Reserve, 46.24966° N, 29.43672° E, on old concrete stone, 15 May 2025, leg. et det. O. Khodosovtsev (KW).

***Eopyrenula leucoplaca* (Wallr.) R. Harris**

The lichen was previously known from the Chernivtsi, Ivano-Frankivsk, Kharkiv, Kherson, Khmelnytskyi, Kirovohrad, Kyiv, Lviv, Odesa, Ternopil, Vinnytsia, and Zakarpattia regions (Kondratyuk *et al.* 2021, Darmostuk *et al.* 2024). It is reported here for the first time for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Grushevka village, reserve Radovichivskyi, 210 m alt., 51.03875° N, 24.699483° E, on *Carpinus betulis*, circumference at breast height 100 cm, 15 April 2026, det. O. Khodosovtsev (non coll.).

***Halecania viridescens* Coppins & P. James**

This is inconspicuous lichens with punctiform to continuous greenish soredia (Pd+ orange) on branches of deciduous trees. It was known from Zakarpattia Region (Malíček *et al.* 2018, Khymych & Khodosovtsev 2025). The lichen is the first time reported for the lowlands of Ukraine.

Specimen examined. Ukraine. Volyn Region, Kovel District, Voloshky village, alt. 173 m, 51.178874° N, 24.88209° E, on *Salix triandra* branches, 27 August 2025, leg. & det. O. Khodosovtsev (Khodos 17100 – KW).

***Hypocenomyce scalaris* (Ach. ex Lilj.) Choisy**

The lichen is widespread in Ukraine (Kondratyuk *et al.* 2021), but the species has never been reported from the Odesa region until now.

Specimen examined. Ukraine. Odesa Region, Podilskyi District, Pischane village, Danycheve Botanical Reserve, 140 m alt., 48.12086° N, 29.70376° E, on *Pinus sylvestris*, 9 April 2026, leg. & det. O. Khodosovtsev (Khodos 17086 sub *Lecidea nylanderii* – KW).

***Gyalecta arbuti* (Bagl.) Baloch & Lücking**

This lichen is known from a two close locations in the southern part of Autonomous Republic of Crimea (Khodosovtsev & Khodosovtseva 2007). It is reported here for the first time for the plain part of Ukraine.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, Budzhak village, 101 m alt., 46.26730° N, 29.27397° E, on *Fraxinus excelsior*, circumference at breast height 175 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17059 – KW).

***Kuettlingeria atroflava* (Turner) I.V. Frolov, Vondrák & Arup**

The lichen has been reported from the Autonomous Republic of Crimea, as well as the Zakarpattia, Zaporizhzhia, and Zhytomyr regions ([Kondratyuk et al. 2021](#)), and it is recorded here for the first time for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Kolodiazhne village, hotel, 173 m alt., 51.182494° N, 24.797675° E, on artificial stone surrounding a fountain, 22 May 2026, det. O. Khodosovtsev (non coll.).

***Lecania cyrtella* (Ach.) Th. Fr.**

It is widespread lichens in pioneer lichen communities ([Kondratyuk et al. 2021](#)), but never reported for the Odesa region.

Specimen examined. Ukraine. Odesa region, Bolgrad District, Frumushika-Nova, Tarutynskiy Step Landscape Reserve, 100 m alt., 46.28183° N, 29.4167° E, on *Fraxinus excelsior*, circumference at breast height 30 cm, 15 May 2025, O. Khodosovtsev (KW).

***Lecania naegelii* (Hepp) Diederich & Van den Boom**

This is a widespread pioneer lichen in Ukraine ([Kondratyuk et al. 2021](#)), which has never been reported for the Odesa region before.

Specimen examined. Ukraine. Odesa region, Bolgrad District, Frumushika-Nova, Tarutynskiy Step Landscape Reserve, 100 m alt., 46.28183° N, 29.4167° E, on *Fraxinus excelsior*, circumference at breast height 30 cm, 15 May 2025, O. Khodosovtsev (KW); Vesela Dolyna village, planned research and experimental site of the F.E. Falz-Fehn Askania-Nova Biosphere Reserve, 84 m alt., 46.22995° N, 29.30442° E, on *Fraxinus excelsior*, circumference at breast height 120 cm, 17 October 2025, det. O. Khodosovtsev (KW); Lisne village, Staromanzyrskiy Botanical Reserve, 186 m alt., 46.47012° N, 29.34128° E, on *Acer platanoides*, circumference at breast height 60 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17080 sub *Catillaria fungoides* – KW).

***Lecidea nylanderii* (Anzi) Th. Fr.**

Recently, the lichens was found in Ukraine from Rivne region ([Khodosovtsev 2023b](#)). This is the first time collected from Odesa Region.

Specimen examined. Ukraine. Odesa Region, Podilskiy District, Pischane village, Danycheve Botanical Reserve, 140 m alt., 48.12086° N, 29.70376° E, on *Pinus sylvestris*, circumference at breast height 220 cm, 9 April 2026, leg. & det. O. Khodosovtsev (Khodos 17086 – KW).

***Lecidella flavosorediata* (Vězda) Hetrel & Leuckert**

The species is known from the Autonomous Republic of Crimea, Khmelnytskyi, and Zakarpattia regions ([Kondratyuk et al. 2021](#)), and is reported here for the first time for the Volyn region.

Specimens examined. Ukraine. Volyn Region, Kovel District, Budusche village, 173 m alt., 51.150454° N, 24.767224° E, on *Quercus robur*, circumference at breast height 140 cm, 22 May 2026, leg. & det. O. Khodosovtsev (Khodos 17262 – KW); Perkovychi village, 177 m alt., 51.09728° N, 24.66065° E, on *Alnus glutinosa*, circumference at breast height 120 cm, 21 May 2026, leg. & det. O. Khodosovtsev (Khodos 17270 – KW).

***Lepraria finkii* (B. de Lesd.) R.C. Harris**

The lichen is common in Ukraine ([Kondratyuk et al. 2021](#)), but never reported from Odesa region.

Specimen examined. Ukraine. Odesa Region, Podilskiy District, Savran village, Savranskyi Lis Landscape Reserve, 186 m alt., 48.09398° N, 30.20464° E, on *Quercus robur*, circumference at breast height 338 cm, 10 April 2026, det. O. Khodosovtsev (non coll.).

***Lepraria jackii* Tønsberg**

The lichen is common in the Carpathian Mts. ([Kondratyuk et al. 2021](#), [Khodosovtsev et al. 2025](#)) and rare on plain part of Ukraine ([Khodosovtsev 2023a](#)). It is the first time collected from Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Vorona village, 190 m alt., 51.11957° N, 24.80344° E, on *Tilia cordata*, circumference at breast height 350 cm, 16 April 2026, leg. & det. O. Khodosovtsev (Khodos 17018 – KW).

***Lepraria vouauxii* (Hue) R.C. Harris**

The lichen was recorded in the Autonomous Republic of Crimea, as well as the Luhansk, Ivano-Frankivsk, and Zakarpattia regions ([Kondratyuk et al. 2021](#), [Khodosovtsev et al. 2025](#)). This species is reported for the first time for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Grushevka village, Radovychivskiy Landscape Reserve, 210 m alt., 51.03850° N, 24.70000° E, on *Carpinus betulis*, circumference at breast height 140 cm, 15 April 2026, det. O. Khodosovtsev (non coll.).

***Melanelixia glabra* (Schaer.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch**

The lichen is known from the Kherson, Kirovohrad, Kyiv, Cherkasy, Lviv, Mykolaiv, Zakarpattia, and Zaporizhzhia regions ([Kondratyuk et al. 2021](#)), but it had never been observed in the Odesa region until now.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, near Frumushika-Nova, Tarutynskiy Step Landscape Reserve, 46.27995° N, 29.41942° E, on *Armeniaca vulgaris*, circumference at breast height 150 cm, 15 May 2025, det. O. Khodosovtsev (non coll.).

***Micarea denigrata* (Fr.) Hedl.**

The lichen is widespread in pine plantations and natural forests within the Autonomous Republic of Crimea and the Chernihiv, Chernivtsi, Ivano-Frankivsk, Kharkiv, Kherson, Khmelnytskyi, Kyiv, Lviv, Luhansk, Mykolaiv, Sumy, Zakarpattia, Zaporizhzhia, and Zhytomyr regions ([Kondratyuk et al. 2021](#), [Darmostuk et al. 2021](#)). This is the first record of the species for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Podilskiy District, Pischane village, Danychev Botanical Reserve, 140 m alt., 48.120864° N, 29.703761° E, on *Pinus sylvestris*, circumference at breast height 220 cm, 9 April 2026, leg. & det. O. Khodosovtsev (Khodos 17085 – KW).

***Mycocalicium subtile* (Pers.) Szatala**

In Ukraine, this lignicolous fungus was previously recorded in the Autonomous Republic of Crimea, as well as the Cherkasy, Ivano-Frankivsk, Kirovohrad, Kharkiv, Kherson, Kyiv, Lviv, Mykolaiv, Poltava, Sumy, Ternopil, Zhytomyr, and Zakarpattia regions ([Kondratyuk et al. 2021](#)); however, it has never been collected from the Odesa region.

Specimen examined. Ukraine. Odesa Region, Podilskiy District, Savran village, Savranskyi Lis Landscape Reserve, 186 m alt., 48.09383° N, 30.20375° E, on *Quercus robur*, circumference at breast height 254 cm, 10 April 2026, leg. & det. O. Khodosovtsev (Khodos 16879 – KW).

***Myrionora globulosa* (Flörke) S.Y. Kondr.**

In Ukraine, the lichen is distributed across the Cherkasy, Kharkiv, Khmelnytskyi, Kyiv, Sumy, and Zakarpattia regions ([Kondratyuk et al. 2021](#), [Khodosovtsev 2023b](#)). This represents the first record of the species for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Podilskiy District, Savran village, Savranskyi Lis Landscape Reserve, 186 m alt., 48.09390° N, 30.20431° E, on *Quercus robur*, circumference at breast height 239 cm, 10 April 2026, leg. & det. O. Khodosovtsev (Khodos 16871 – KW).

***Oxneria huculica* S.Y. Kondr.**

The lichen is sporadically observed in Ukraine, particularly in anthropogenic sites within the Carpathian Mountains ([Kondratyuk et al. 2021](#)). This species is reported here for the first time for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, Lisne village, Staromanzyrskiy Botanical reserve, 186 m alt., 46.47083° N, 29.34295° E, on *Quercus robur*, circumference at breast height 147 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17079 – KW).

***Parmeliopsis hyperopta* (Ach.) Arnold**

The lichen has been recorded in the Autonomous Republic of Crimea and the Kyiv, Cherkasy, Ivano-Frankivsk, Poltava, Rivne, Sumy, and Zakarpattia regions ([Kondratyuk et al. 2021](#)), but it has never been found in the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Zelena village, Zadybskyi Botanical Reserve, 185 m alt., 51.147690° N, 24.709354° E, on *Pinus sylvestris*, 15 April 2026, det. O. Khodosovtsev (non coll.).

***Psoroglaena abscondita* (Coppins et Vězda) Hafellner et Türk**

The lichen has been recorded from several scattered locations in the Cherkasy, Kherson, Luhansk, Mykolaiv, and Zakarpattia regions (Kondratyuk *et al.* 2021). This species was found for the first time in the Odesa region.

Specimen examined. Ukraine. Odesa Region, Podilskyi District, Savran village, Savranskyi Lis Landscape Reserve, 198 m alt., 48.09390° N, 30.20433° E, on *Quercus robur*, circumference at breast height 239 cm, 10 April 2026, leg. & det. O. Khodosovtsev (Khodos 16877 – KW).

***Ramalina baltica* Lettau**

This lichen, which is rare in Europe, was previously collected more than 50 years ago by V. Maslova in the Kivertsivskyi district of the Volyn region (Oxner 2010).

Specimens examined. Ukraine. Volyn Region, Kovel District, Voloshky village, “Duby zvychaini-veletni” Botanical Natural Monument, alt. 174 m, 51.188353° N, 24.854062° E, on old *Quercus robur*, circumference at breast height 612 cm, 17 April 2026, leg. & det. O. Khodosovtsev (Khodos 16896 – KW); 51.18829° N, 24.8536° E, on *Quercus robur*, circumference at breast height 442 cm, 17 April 2026, det. O. Khodosovtsev (non coll.).

***Ramalina europaea* Gasparyan, Sipman & Lücking**

The species has been recorded in the Chernivtsi, Kharkiv, Kherson, Kirovohrad, Kyiv, and Mykolaiv regions (Darmostuk *et al.* 2024). This is the first report of the species for the Odesa region.

Specimens examined. Ukraine. Odesa Region, Podilskyi District, Savran village, Savranskyi Lis Landscape Reserve, 198 m alt., 48.09386° N, 30.20409° E, on *Quercus robur*, circumference at breast height 206 cm, 10 April 2026, leg. & det. O. Khodosovtsev (non coll.); Bolgrad District, Frumushika-Nova, Tarutynskyi Step Landscape Reserve, 112 m alt., 46.279958° N, 29.419425° E, on *Armeniaca vulgaris*, circumference at breast height 150 cm, 15 May 2025, det. O. Khodosovtsev (non coll.).

***Rinodina pityrea* Ropin & H. Mayrhofer**

This lichen is found on dusty bark as well as on concrete in the Autonomous Republic of Crimea and the Donetsk, Dnipropetrovsk, Ivano-Frankivsk, Kirovohrad, Kharkiv, Kherson, Lviv, Mykolaiv, Poltava, and Zaporizhzhia regions (Kondratyuk *et al.* 2021, Darmostuk *et al.* 2021). This species is reported here for the first time for the Odesa region.

Specimens examined. Ukraine. Odesa region, Bolgrad District, Frumushika-Nova, Tarutynskyi Step reserve, 119 m alt., 46.28127° N, 29.42106° E, on *Ulmus pumila*, circumference at breast height 368 cm, 15 May 2025, det. O. Khodosovtsev (non coll.); 142 m alt., 46.24966° N, 29.436726° E, on old concrete stone, 15 May 2025, leg. & det. O. Khodosovtsev (KW); Vesela Dolyna village, planned research and experimental site of the F.E. Falz-Fehn Askania-Nova Biosphere Reserve, 84 m alt., 46.22879° N, 29.30575° E, on *Morus nigra*, circumference at breast height about 150 cm, 17 October 2025, leg. & det. O. Khodosovtsev (KW).

***Rinodina sophodes* (Ach.) A. Massal.**

The lichen common in Ukraine (Kondratyuk *et al.* 2021), but it is new for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Vorona village, Sosnyna-2 Botanical Nature Monument, 190 m alt., 51.117697° N, 24.807184° E, on *Populus tremula* branches, 16 April 2026, det. O. Khodosovtsev (Khodos 17015 – KW); Volia-Liubytivska village, Voloshky Landscape Reserve, 195 m alt., 51.15993° N, 24.88800° E, on *Quercus robur*, circumference at breast height 258 cm, 14 April 2026, leg. & det. O. Khodosovtsev (Khodos 17027 – KW); Biliashiv village, 175 m alt., 51.09260° N, 24.728753° E, on *Prunus spinosa* twigs, 15 April 2026, leg. & det. O. Khodosovtsev (Khodos 17049 – KW).

***Rinodina subpariata* (Nyl.) Zahlbr.**

The lichen is sporadically reported from beech forests in the Carpathians (Kondratyuk *et al.* 2021, Khodosovtsev *et al.* 2025). This species is reported for the first time for the lowland part of Ukraine from the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Peresika village, Ozerianskyi Zoological Reserve, 195 m alt., 51.060291° N, 24.818219° E, on *Alnus glutinosa*, 16 April 2026, leg. & det. O. Khodosovtsev (Khodos 17007 – KW).

***Phaeophyscia ciliata* (Hoffm.) Moberg**

The lichen has been reported from various regions of Ukraine (Kondratyuk *et al.* 2021), but it has never been recorded in the Volyn region.

Specimens examined. Ukraine. Volyn Region, Kovel District, Rakytnytsa village, 179 m alt., 51.08672° N, 24.75364° E, on *Populus tremula*, 21 May 2026, leg. & det. O. Khodosovtsev (Khodos 17270 – KW); village Drozdni, 184 m alt., 51.08802° N, 24.88494° E, on *Populus tremula*, 22 May 2026, leg. & det. O. Khodosovtsev (Khodos 17283 – KW).

***Physciella chloantha* (Ach.) Essl.**

The species is known from the Autonomous Republic of Crimea and the Chernivtsi, Kyiv, Mykolaiv, Ternopil, and Zakarpattia regions (Kondratyuk *et al.* 2021, Khodosovtsev *et al.* 2025). It is reported here for the first time for the Odesa region.

Specimens examined. Ukraine. Odesa Region, Bolgrad District, Lisne village, Staromanzyrskyi Botanical reserve, 186 m alt., 46.47012° N, 29.34128° E, on *Acer platanoides*, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17080 sub *Catillaria fungoides* – KW); 46.47027° N, 29.34124° E, on *Quercus robur*, circumference at breast height 152 cm, 7 April 2026, det. O. Khodosovtsev (non coll.); Vesela Dolyna village, planned research and experimental site of the F.E. Falz-Fehn Askania-Nova Biosphere Reserve, 84 m alt., 46.22995° N, 29.30442° E, on *Fraxinus excelsior*, 17 October 2025, det. O. Khodosovtsev (Khodos 16679 – KW); Podilskyi District, Savran village, Savranskyi Lis Landscape Reserve, 198 m alt., 48.09390° N, 30.20433° E, on *Quercus robur*, circumference at breast height 239 cm, 10 April 2026, leg. & det. O. Khodosovtsev (Khodos 16882 – KW).

***Physconia enteroxantha* (Nyl.) Poelt**

The lichen is common in Ukraine (Kondratyuk *et al.* 2021, Darmostuk *et al.* 2024). This finding represent the first records for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Podilskyi District, Savran village, Savranskyi Lis Landscape Reserve, 186 m alt., 48.09378° N, 30.20189° E, on *Quercus robur*, circumference at breast height 151 cm, 10 April 2026, det. O. Khodosovtsev (non coll.).

***Physconia perisidiosa* (Erichsen) Moberg**

The lichen is widely distributed across most regions of Ukraine (Darmostuk *et al.* 2021, Kondratyuk *et al.* 2021), but it has not been previously reported for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, Lisne village, Staromanzyrskyi Botanical reserve, 186 m alt., 46.47012° N, 29.34128° E, on *Acer platanoides*, circumference at breast height 151 cm, 7 April 2026, det. O. Khodosovtsev (non coll.).

***Placynthiella dasaea* (Stirt.) Tønsberg**

The lichen has been recorded in the Autonomous Republic of Crimea and the Dnipropetrovsk, Kirovohrad, Kherson, Kyiv, Sumy, Zakarpattia, Zaporizhzhia, and Zhytomyr regions (Kondratyuk *et al.* 2021, Khodosovtsev 2023b). This species is reported here for the first time for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Podilskyi District, Pischane village, Danycheve Botanical Reserve, 140 m alt., 48.12086° N, 29.70376° E, on *Pinus sylvestris*, circumference at breast height 220 cm, 9 April 2026, leg. & det. O. Khodosovtsev (Khodos 17088).

***Placynthiella icmalea* (Ach.) Coppins & P. James**

The lichen known throughout in Ukraine (Kondratyuk *et al.* 2021), but it has never been reported from the Odesa region.

Specimen examined. Ukraine. Odesa Region, Podilskyi District, Pischane village, Danycheve Botanical Reserve, 140 m alt., 48.12086° N, 29.70376° E, on *Pinus sylvestris*, 9 April 2026, leg. & det. O. Khodosovtsev (Khodos 17084 sub *Trapeliopsis flexuosa* – KW).

***Polycauliona candelaria* (L.) Frödén, Arup & Søchting**

The lichen is sporadically found on exposed trees in the forest and forest-steppe zones of Ukraine and is rarely reported in the steppe zone (Kondratyuk *et al.* 2021). This is the first record of the species from Volyn region.

Specimens examined. Ukraine. Volyn Region, Kovel District, Voloshky village, “Duby zvychaini-veletni” Botanical Natural Monument, 174 m alt., 51.18835° N, 24.85406° E, on *Quercus robur*, circumference at breast height 612 cm, 17 April 2026, leg. & det. O. Khodosovtsev (Khodos 16891 sub *Ramalina baltica* – KW); 51.18829° N, 24.8536° E, on *Quercus robur*, circumference at breast height 442 cm, 17 April 2026, det. O. Khodosovtsev (non coll.).

***Punctelia jeckeri* (Roum.) Kalb**

The species is rare in Ukraine and has been reported from a few localities in the Sumy (Khodosovtsev & Darmostuk 2017) and Zakarpattia (Malíček *et al.* 2018) regions. This is the first record for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Zelena village, Zadybskyi Landscape Reserve, 185 m alt., 51.14769° N, 24.70941° E, on *Quercus robur*, circumference at breast height 80 cm, 15 April 2026, leg. & det. O. Khodosovtsev (Khodos 17030 – KW).

***Staurothele frustulenta* Vainio (incl. *Staurothele ambrosiana* (A. Massal.) Lettau)**

The epilithic lichen was previously known from the Chernivtsi, Donetsk, Dnipropetrovsk, Kharkiv, Kherson, Khmelnytskyi, Kirovohrad, Mykolaiv, and Zakarpattia regions (Darmostuk *et al.* 2021, Kondratyuk *et al.* 2021, Khodosovtsev *et al.* 2022), but it has never been reported for the Odesa region until now.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, Frumushika-Nova, Tarutynskyi Step Landscape Reserve, 142 m alt., 46.24966° N, 29.43672° E, on old concrete stone, 15 May 2025, leg. & det. O. Khodosovtsev (KW).

***Strangospora pinicola* (A. Massal.) Körb.**

This lichen has been reported from the Cherkasy, Donetsk, Kharkiv, Kherson, Khmelnytskyi, Kyiv, Luhansk, Lviv, Mykolaiv, Poltava, Sumy, and Zakarpattia regions (Kondratyuk *et al.* 2021, Darmostuk *et al.* 2024). The species is recorded here for the first time for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Peresika village, Ozerianskyi Zoological Reserve, 195 m alt., 51.05189° N, 24.84857° E, on *Betula verrucosa*, circumference at breast height 110 cm, 16 April 2026, det. O. Khodosovtsev (non coll.).

***Swinscowia affinis* (A. Massal.) S.H. Jiang, Lücking & Sérus.**

This lichen was collected in several locations within the Yalta landscape amphitheater in the Autonomous Republic of Crimea (Khodosovtsev & Khodosovtseva 2007). This is the first record of the species from the lowland part of Ukraine.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, Lisne village, Staromanzyrskyi Botanical Reserve, 186 m alt., 46.46994° N, 29.341628° E, on *Quercus* sp., 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17068 – KW).

***Thelenella modesta* (Nyl.) Nyl.**

The lichen is rare in Ukraine, that known on smooth bark from Autonomous Republik of Crimea, Kherson, Poltava, Zakarpattia regions (Kondratyuk *et al.* 2021). The species is recorded here for the first time for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, Frumushika-Nova, Tarutynskyi Step Landscape Reserve, 46.28183° N, 29.41670° E, on *Fraxinus excelsior*, circumference at breast height 30 cm, 15 May 2025, O. Khodosovtsev (KW).

***Trapeliopsis flexuosa* (Fr.) Coppins & P. James**

The lichen often grows at the base of pine trees, as well as on logs and wood throughout Ukraine (Kondratyuk *et al.* 2021), but it has never been recorded from the Odesa region until now.

Specimen examined. Ukraine. Odesa Region, Podilskyi District, Pischane village, Danycheve Botanical Reserve, 140 m alt., 48.120864° N, 29.703761° E, on *Pinus sylvestris*, circumference at breast height 220 cm, 9 April 2026, leg. & det. O. Khodosovtsev (Khodos 17084 – KW).

***Verrucaria breussii* Diederich & Van den Boom**

It is a rare corticolous lichen in Europe. In Ukraine, it has been recorded in several locations within the Autonomous Republic of Crimea (Khodosovtsev & Khodosovtseva 2007), as well as the Kherson (Khodosovtsev & Khodosovtseva 2014) and Zakarpattia regions (Vondrák *et al.* 2010). This finding represents a new record for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, Lisne village, Staromanzyrskyi Botanical Reserve, 186 m alt., 46.46994° N, 29.34162° E, on *Quercus* sp., circumference at breast height 188 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17069 – KW).

Lichenicolous fungi***Cladophialophora parmeliae* (Etayo & Diederich) Diederich & Unter.**

In Ukraine, this lichenicolous fungus had previously been reported only from the Mykolaiv region (Khodosovtsev & Darmostuk 2017). It is recorded here for the first time in the forest zone of Ukraine based on the material from the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Peresika village, Ozerianskyi Zoological Reserve, 195 m alt., 51.05189° N, 24.8485° E, on *Hypogymnia physodes*, on *Betula verrucosa*, circumference at breast height 110 cm, 16 April 2026, leg. & det. O. Khodosovtsev (Khodos 16897 – KW).

***Cornutispora lichenicola* D. Hawksw. & B. Sutt.**

This lichenicolous fungus was reported from Kherson, Zakarpattia, Zhytomyr regions (Kondratyuk & Coppins 2000, Darmostuk & Khodosovtsev 2017, Kapets & Kondratuk 2019). This species is a first time reported for Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Peresika village, Ozerianskyi Zoological Reserve, 195 m alt., 51.05990° N, 24.81246° E, on *Lecanora pulicaris*, on *Alnus glutinosa*, 16 April 2026, leg. & det. O. Khodosovtsev (Khodos 17003 – KW).

***Didymocyrtis cladoniicola* (Diederrich, Kocourk. & Etayo) Ertz & Diederich**

The lichenicolous fungus known from the Autonomic Republic of Crimea, Chernivtsi, Kherson, Mykolaiv, and Zaporizhzhia regions (Kondratyuk *et al.* 2021, Darmostuk & Khodosovtsev 2020, Darmostuk *et al.* 2021).

Specimen examined. Ukraine. Volyn Region, Kovel District, Perkovychi vill., 177 m alt., 51.09728° N, 24.66065° E, on *Cladonia rangiformis*, 21 May 2026, leg. & det. O. Khodosovtsev (Khodos 17280 – KW).

***Didymocyrtis epiphyscia* Ertz & Diederich s.lat.**

This fungus requires further research. It has been reported from several regions in Ukraine (Darmostuk & Khodosovtsev 2017, Darmostuk *et al.* 2021) and is recorded here for the first time for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Biliashiv village, 175 m alt., 51.09260° N, 24.72875° E, on *Xanthoria parietina*, on *Prunus spinosa* twigs, 15 April 2026, leg. & det. O. Khodosovtsev (Khodos 17047 – KW).

***Gyalectiphila intermedia* (Cl. Roux & Etayo) Cl. Roux & Diederich**

This lichenicolous hyphomycete is known from the Autonomous Republic of Crimea, Kharkiv, Kherson, Mykolaiv, Ternopil, and Sumy regions (Khodosovtsev & Darmostuk 2017, Darmostuk *et al.* 2026). It is reported here for the first time for the Odesa region.

Specimen examined. Ukraine. Odesa Region, Bolgrad District, Budzhak village, 101 m alt., 46.26730° N, 29.27397° E, on *Gyalecta arbuti*, on *Fraxinus excelsior*, circumference at breast height 175 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17057 – KW).

***Licheniconium lecanorae* (Japp) D. Hawksw.**

This lichenicolous fungus has been reported from various regions of Ukraine (Kondratyuk *et al.* 2021), but it is recorded here for the first time for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Perkovychi village, 177 m alt., 51.09728° N, 24.66065° E, on *Lecanora pulicaris*, on *Alnus glutinosa*, circumference at breast height 140 cm, 21 May 2026, leg. & det. O. Khodosovtsev (Khodos 17279 – KW).

***Taeniolella delicata* M. S. Christ. & D. Hawksw.**

This lichenicolous hyphomycete was reported from Ternopil (Kondratyuk & Kolomiets 1997), Chernivtsi and Kherson regions (Darmostuk *et al.* 2018). This is the first record of the fungus from Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Voloshky village, “Oaks the Giant” Botanical Natural Monument, 174 m alt., 51.18835° N, 24.85406° E, on *Amandinea punctata*, on old *Quercus robur*, circumference at breast height 612 cm, 17 April 2026, leg. & det. O. Khodosovtsev (Khodos 16895 – KW).

Trichoconis physciicola Brackel (= *Trichoconis hafellneri* U. Braun, Khodos., Darmostuk & Diederich)

This lichenicolous hyphomycete rare collected in Europe (Diederich *et al.* 2024). In Ukraine, it known from Chernivtsi, Kharkiv, Kherson, Poltava, and Ternopil regions (Braun *et al.* 2016, Darmostuk *et al.* 2023, 2026).

Specimen examined. Ukraine. Odesa Region, Bolgrad District, Budzhak village, 101 m alt., 46.26730° N, 29.27397° E, on *Xanthoria parietina*, on *Fraxinus excelsior*, circumference at breast height 175 cm, 7 April 2026, leg. & det. O. Khodosovtsev (Khodos 17056 sub *Pyrenochaeta xanthoriae* – KW).

Unguiculariopsis thallophila (P. Karst.) W.Y. Zhuang

This lichen was previously recorded in the Dnipropetrovsk region (Darmostuk & Khodosovtsev 2017). Here, we report the species for the first time for the Volyn region.

Specimen examined. Ukraine. Volyn Region, Kovel District, Voloshky village, alt. 173 m, 51.178874° N, 24.8820988° E, on *Lecanora pulicaris*, on *Alnus incana*, circumference at breast height about 150 cm, 27 August 2025, leg. & det. O. Khodosovtsev (Khodos 17090 – KW).

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ADDITIONAL INFORMATION

Ethical Statement

The author declare that no ethical standards were violated during the research.

Use of AI

AI was used for the linguistic corrections of the manuscript.

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Data Availability

All data supporting the findings of this study are available in this paper.

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РЕЗЮМЕ

Ходосовцев, О.Є. (2026). Нотатки до знахідок лишайників та ліхенофільних грибів України V. *Чорноморський ботанічний журнал* 22 (2): 171–185. <https://doi.org/10.32999/ksu1990-553X/2026-22-2-3>

Стаття містить нові дані про ліхенізовані та ліхенофільні гриби України. Вона включає нові знахідки та підтвердження поширення для 61 виду ліхенізованих і 9 видів ліхенофільних грибів у межах Одеської та Волинської областей. Лишайники були виявлені переважно при основі старих дубів та сосен, обхват стовбурів яких наведено для кожного локалітету. Згадані таксони належать до родів: *Acrocordia*, *Agonimia*, *Anisomeridium*, *Acrocordia*, *Agonimia*, *Anisomeridium*, *Arthonia*, *Bacidia*, *Bacidina*, *Bactrospora*, *Candelariella*, *Catillaria*, *Chaenotheca*, *Cladonia*, *Cladophialophora*, *Coppinsiella*, *Cornutispora*, *Didymocyrtis*, *Diploschistes*, *Fellhanera*, *Flavoplaca*, *Eopyrenula*, *Halecania*, *Hypocenomyce*, *Gyalecta*, *Gyalectiphila*, *Kuettlingeria*, *Lecania*, *Lecidea*, *Lecidella*, *Lepraria*, *Lichenocodium*, *Micarea*, *Mycocalicium*, *Myrionora*, *Oxneria*, *Parmeliopsis*, *Psoroglaena*, *Ramalina*, *Rinodina*, *Phaeophyscia*, *Physciella*, *Physconia*, *Placynthiella*, *Polycauliona*, *Punctelia*, *Staurothele*, *Strangospora*, *Swinscowia*, *Taeniolella*, *Thelenella*, *Trapeliopsis*, *Trichoconis*, *Unguiculariopsis*, and *Verrucaria*. Серед них 31 вид вперше наводяться для Волинської області, а 39 видів є новими для Одеської області. Зокрема, знахідки *Agonimia repleta*, *Bacidina neosquamulosa*, *Fellhanera gyrophorica*, *Gyalecta arbuti*, *Halecania viridescens* та *Swinscowia affinis* є першими для рівнинної частини України. Види *Fellhanera gyrophorica*, *Gyalecta arbuti*, *Strigula affinis* та *Unguiculariopsis thallophila* наводяться для України вдруге. Дослідження базується на сучасних даних із 14 природно-заповідних об'єктів державного та місцевого значення, зокрема: ботанічного заказника «Даничеве», ландшафтного заказника «Діброва Могилевська», ландшафтного заказника «Савранський ліс», пам'ятки природи «Слюсарівський дуб», ландшафтних заказників «Староманзирський» та «Тарутинський степ» в Одеській області; а також ботанічної пам'ятки природи «Дуби звичайні-велетні», ландшафтного заказника «Літинський», зоологічного заказника «Озерянський», ландшафтного заказника «Радовичівський», ботанічної пам'ятки природи «Соснина-2», ландшафтних заказників «Волошки» та «Задібський» у Волинській області.

Ключові слова: біорізноманіття, ліси, старі дерева, дуб, сосна, рівнина, Волинська область, Одеська область, *Agonimia*, *Bacidina*, *Fellhanera*, *Halecania*, *Swinscowia*, *Unguiculariopsis*.