

## Oleksii Dubovyk

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*oadubovyk@gmail.com*

<b>Education</b>	Old Dominion University (VA, USA) <b>Master of Sciences in Biology</b> , GPA 4.00 Thesis Project: Spatial distribution of functionally rare landbird species in North America and its temporal changes relative to urbanized areas <ul style="list-style-type: none"><li>• skills in big data analysis using citizen-science data (eBird, Breeding Bird Survey)</li></ul>	Aug, 2020 – present (expected graduation by Aug, 2022)
	Ivan Franko National University of Lviv (Ukraine) <b>Master's Degree in Biology</b>	Sep, 2019 – present (academic vacation)
	Ivan Franko National University of Lviv (Ukraine) <b>Bachelor's Degree in Biology</b> , GPA 3.69 Teacher of Biology and Chemistry. Laboratory engineer in the field of biology <ul style="list-style-type: none"><li>• participant of the All-Ukrainian Competition of Student Scientific Works in the field of Ecology, 2019</li></ul>	Sep, 2015 – Jun, 2019
<b>Work</b>	Ukrainian Canadian Congress, Toronto, Canada <b>Information Table Volunteer</b> (part-time) <ul style="list-style-type: none"><li>• humanitarian and informational assistance to people fleeing Russian military invasion of Ukraine</li></ul>	Jun, 2022 – Aug, 2022
	"Roztochya" Nature Reserve, Ukraine <b>Environmental Engineer</b> (part-time) <ul style="list-style-type: none"><li>• monitoring of animal populations and communities</li><li>• use of trail cameras for wildlife monitoring</li></ul>	Aug, 2019 – Jul, 2020
	West-Ukrainian Ornithological Station, Cholgyny Ornithological Reserve <b>Assistant (volunteer)</b> <ul style="list-style-type: none"><li>• skills in using the mist nets and traps for birds</li><li>• banded passerine and non-passerine birds as a part of banding experiment</li></ul>	Aug 10-27, 2016 Aug 17-24, 2015 Aug 18-25, 2014
	West-Ukrainian Ornithological Society <b>Researcher (volunteer)</b> <ul style="list-style-type: none"><li>• counted breeding and migratory birds in Polonyna Borzhava mountain ridge (Ukrainian Carpathians) as a part of volunteering project of the Society</li><li>• analyzed gathered data from several researches participated in the project</li><li>• wrote a research paper about autumn bird migration over Polonyna Borzhava</li><li>• modified and used the Band collision risk model in order to assess possible impact of projected wind farm on migratory birds</li></ul>	Jun, 2018 - present

	West-Ukrainian Ornithological Society <b>Secretary (volunteer)</b> • have been working in communication of scientific society with governmental structures	Feb, 2019 - present
<b>Professional Development</b>	Reviewer in <b>Urban Forestry &amp; Urban Greenery</b> journal • reviewed 3 manuscripts	since Nov, 2021
	<b>Raspberry Pi Essential Training</b> (via LinkedIn Learning)	Aug, 2022
	<b>Building Data Apps with R and Shiny</b> (via LinkedIn Learning)	Aug, 2022
	<b>Code Clinic: R</b> (via LinkedIn Learning)	Jul, 2022
	<b>R Essential Training Part 2: Modeling Data</b> (via LinkedIn Learning)	Jul, 2022
	<b>SQL Essential Training</b> (via LinkedIn Learning)	Jun, 2022
	French National Centre for Scientific Research <b>Workshop on Quantitative methods for population dynamics in R</b> • estimating abundance and density of populations • estimation of demographic parameters using capture-recapture models • population projection models	Mar, 2022
	Old Dominion University, Graduate School <b>3MT Competition</b> (Three-minute Thesis) • public speaking skills • scientific communication with general audience	Nov, 2021
	University of Michigan (via Coursera) <b>Python 3 Programming Specialization</b> • Python Basics, Functions, Files, and Dictionaries • Data Collection and Processing with Python • Python Classes and Inheritance • pillow, tesseraact, and opencv	Aug, 2020
	SCGIS Ukraine <b>Geographic information systems and protected areas</b>	Jun, 2020
	University of Sidney (via Coursera) <b>Introduction to Calculus</b>	May, 2020
	Educational Testing Service <b>GRE General test</b> Verbal reasoning, Quantitative reasoning, Analytical writing	Nov, 2019
	Educational Testing Service <b>TOEFL iBT</b> Reading, Listening, Speaking, Writing	Nov, 2019

Fulbright Ukraine <b>Fulbright Graduate Research Program</b> Finalist (2020)	Oct, 2019
Bioinformatics Institute <b>General Principles of Statistics</b>	Aug, 2018
Bioinformatics Institute <b>Data Analysis in R</b>	Jul, 2018
Nord University <b>BirdId</b> • Bird sounds identification, national – Ukraine • Bird appearance identification, national – Ukraine	Nov, 2017

## Publications

2022

### *Other:*

Dubovyk, O. 2022. Bird species rarity as an indicator of their regional functional distinctiveness. – Poster presentation for the Biology Graduate Student Organization Spring Symposium 2022 (Apr 2, 2022, Old Dominion University, Norfolk, Virginia).

2021

Zahorodnyi, I., O. Dubovyk, I. Komarnytskyi, and I. Dykyy. 2021. Diet of Long-eared Owl and Common Kestrel in an urban landscape (Ukraine). *Ornis Hungarica* 29(1): 108-119.  
<https://doi.org/10.2478/orhu-2021-0008>

[*In Ukrainian*] Shydlovskyy, I., O. Dubovyk, P. Hrynyuk, I. Zahorodnyi, and V. Matejchuk. 2021. Avifauna of meadow ecosystems in borderland areas of Lviv and Volyn Oblasts. *Geo&Bio* 20: 117-134. <https://doi.org/10.15407/gb2012>

### *Other:*

Dubovyk, O. 2021. High densities of protected areas predict a decrease in regional functional rarity among North American avian communities. – Presentation for the 30th International Congress for Conservation Biology (Dec 13-17, 2021, Society for Conservation Biology, Kigali, Rwanda).

Dubovyk, O. 2021. Mapping the functional rarity of birds across North America. – Poster for Graduate Map Competition at 2021 GIS Day (Nov 19, Old Dominion University, VA, USA).

Kuzyo, H., V. Zhulenko, and O. Dubovyk. 2021. Lviv Bird Point Counts Scheme: preliminary results of winter avian communities classification and an improvement of methodology. – Report for the XV International Young Scientists Conference “Biology: From a Molecule Up to the Biosphere” (Feb 24-26, 2021, V. N. Karazin Kharkiv National University, Kharkiv, Ukraine).

Dubovyk, O. 2021. Observations of wild mammals in the “Roztochya” Nature Reserve. Materials for the Atlas of the Mammals of Ukraine: 108-108.

*Mentioned in acknowledgments in* Zahorodnyi, I., L. Romaniuk, O. Hnatyna, L. Pokrytiuk, and I. Dykyy. 2021. Diet of the Little Owl *Athene noctua* (Scopoli, 1769) on the territory of Berehovo district (Transcarpathian region). *Studia Biologica* 15(4): 71-86.  
<https://doi.org/10.30970/sbi.1504.670>

2020

Dubovyk, O., A. Bokotey, L. Pokrytiuk, V. Bodnar, Y. Strus, and O. Ruchko. 2020. Autumn migration of birds over Polonyna Borzhava (Ukrainian Carpathians). *Zoodiversity* 54(1): 43-52.  
<https://doi.org/10.15407/zoo2020.01.043>

Dubovyk, O., H. Kuzyo, and A. Bokotey. 2020. Density variation in “rare” breeding birds in native

forests and urban parks. *Geo&Bio* 19: 20-31. <https://doi.org/10.15407/gb1904>

[In Ukrainian] Bokotey, A., N. Dzyubenko, and O. Dubovyk. 2020. Representativeness and conservation of bird fauna in the Regional Landscape Park “Stilske Gorbogiria”. *Proceedings of the Forestry Academy of Sciences of Ukraine* 20: 45-56. <https://doi.org/10.15421/412004>

**Other:**

Dubovyk, O. 2020. Patterns of diversity-sample size relationship on the example of winter bird community in the “Roztochya” Nature Reserve. – Report for the XVI International Scientific Conference “Youth and Progress of Biology” (Apr 27-29, 2020, Ivan Franko National University of Lviv, Lviv, Ukraine).

[In Ukrainian] Dubovyk, O. 2020. The Short-toed Treecreeper *Certhia brachydactyla* in Lviv (Western Ukraine). *Troglodytes* 9-10: 109-112.

[In Ukrainian] Dubovyk, O., and H. Kuzyo. 2020. Citizen science for gathering the data on the Common Crane’s *Grus grus* migration in Ukraine: the first experience. *Troglodytes* 9-10: 113-115.

**2019**

Dubovyk, O. 2019. Annual dynamics of bird communities in urban parks in Lviv, Ukraine: Preliminary analysis of diversity and composition variability. *Studia Biologica* 13(2): 79-98. <https://doi.org/10.30970/sbi.1302.598>

Dubovyk, O., and Stefanyshyn, R. 2019. The observation of the Eurasian Dotterel (*Eudromias morinellus*) in Chornogora mountain ridge (the Ukrainian Carpathians). *Berkut* 28(1-2): 50-51.

**Other:**

Dubovyk, O. 2019. Species composition of mixed bird flocks in urban greenery of Lviv (Ukraine) during the non-breeding season. *Materials of the Zoological Conference “Fauna on the edge of XX-XXI centuries. State and diversity of ecosystems in protected areas”* (Sep 12-15, 2019, Lviv-Shatsk): 11-13.

[In Ukrainian] Dubovyk, O. 2019. Seasonal dynamics of avian community structure in urban greenery in Lviv. – Report for the XV International Scientific Conference “Youth and Progress of Biology” (Apr 9-10, 2019, Ivan Franko National University of Lviv, Lviv, Ukraine).

[In Ukrainian] Dubovyk, O., M. S kyrpan, and I. Zahorodnyi. 2019. Regional Landscape Park “Stilske Gorbogiria” – area that is important for breeding, wintering, and migration of rare bird species. *Materials for the 4th edition of the Red List of Ukraine: Animals* 3: 127-130.

[In Ukrainian] Dubovyk, O., A. Bokotey, L. Pokrytiuk, V. Bodnar, and O. Ruchko. 2019. Autumn migration of the birds protected by the Red List of Ukraine over Polonyna Borzhava (Ukrainian Carpathians). *Materials for the 4th edition of the Red List of Ukraine: Animals* 3: 125-126.

[In Ukrainian] Kuzyo, H., and O. Dubovyk. 2019. Observations of birds protected by the Red List of Ukraine and Resolution #6 of the Berne Convention in National Nature Park “Prypiat-Stokhid”. *Materials for the 4th edition of the Red List of Ukraine: Animals* 3: 208-209.

[In Ukrainian] Bokotey, A., H. Kuzyo, and O. Dubovyk. 2019. Birds protected by the Red List of Ukraine in fauna of Lviv city. *Materials for the 4th edition of the Red List of Ukraine: Animals* 3: 34-40.

[In Ukrainian] Shydlovskyy, I., O. Dubovyk, Y. Strus, and M. S kyrpan. 2019. Observations of birds protected by the Red List of Ukraine since 2009-2019. *Materials for the 4th edition of the Red List of Ukraine: Animals* 3: 332-343.

**2018 and earlier**

[In Ukrainian] Dubovyk, O. 2018. Habitat factors associated with the variability of structure and species composition of breeding bird communities in urban greenery in Lviv. – Report for the XIII International Young Scientists Conference “Biology: From a Molecule Up to the Biosphere” (Nov 28-30, 2018, V. N. Karazin Kharkiv National University, Kharkiv, Ukraine).

[In Ukrainian] Dubovyk, O. 2018. The importance of urban greenery in Lviv for preserving biodiversity among birds in city. – Report for the Scientific Conference “State and biodiversity of

ecosystems of Shatsk National Nature Park and other protected areas" (Sep 13-16, 2018, Shatsk, Ukraine).

Dubovyk, O. 2018. Winter bird assemblages in urban greenery in Lviv, Ukraine. – Report for the XIV International Scientific Conference "Youth and Progress of Biology" (Apr 10-12, 2018, Ivan Franko National University of Lviv, Lviv, Ukraine).

[In Ukrainian] Dubovyk O. 2017. Structure of winter bird assemblages in green urban areas in Lviv. Troglodytes 8: 43-51.

[In Ukrainian] Dubovyk, O., and H. Kuzyo. 2017. Comparison of avian communities in cemeteries and urban parks of Lviv. – Report for the Scientific Conference "State and biodiversity of ecosystems of Shatsk National Nature Park and other protected areas" (Sep 7-10, 2017, Shatsk, Ukraine).

[In Ukrainian] Dubovyk, O., and H. Kuzyo. 2017. Point count method in studying winter bird assemblages of urbanized biotopes. – Report for the XIII International Scientific Conference "Youth and Progress of Biology" (Apr 25-27, 2017, Ivan Franko National University of Lviv, Lviv, Ukraine).

[In Ukrainian] Kuzyo, H., and O. Dubovyk. 2016. Avifauna of areas with different land use in Lviv suburbs. – Report for the Scientific Conference "State and biodiversity of ecosystems of Shatsk National Nature Park and other protected areas" (Sep 8-11, 2016, Shatsk, Ukraine).

## Professional Activity

30th International Congress for Conservation Biology, Kigali (Rwanda), Dec 13-17, 2021

XV International Young Scientists' Conference "Biology: From a Molecule Up to the Biosphere", Kharkiv (Ukraine), Feb 24-26, 2021

XVI International Scientific Conference for Students and PhD Students "Youth and Progress of Biology", Lviv (Ukraine), Apr 27-29, 2020

International Zoological Conference «Ukrainian fauna on the verge of XX-XXI century. Status and biodiversity of ecosystems of protected areas», Lviv, Shatsk (Ukraine), Sep 12-15, 2019

XV International Scientific Conference for Students and PhD Students "Youth and Progress of Biology", Lviv (Ukraine), Apr 9-11, 2019

Scientific and Practical Conference of All-Ukrainian Competition of Students Scientific Works in the field of Ecology, Poltava (Ukraine), Mar 20-22, 2019

XIII International Young Scientists' Conference "Biology: From a Molecule Up to the Biosphere", Kharkiv (Ukraine), Nov 28-30, 2018

All-Ukrainian Scientific Conference "Significance and prospects of stationary research for studying and conservation of biodiversity", Lviv-Pozhyshevsk (Ukraine), Sep 27-30, 2018

XIV Scientific Conference "Current state and biodiversity of ecosystems in Shatsky National Natural Park and other conservation areas", Shatsk (Ukraine), Sep 13-16, 2018

International Scientific Conference "Professor Benedykt Dybowski – an outstanding researcher of common natural heritage of Poland, Belarus and Ukraine", Lviv (Ukraine), May 10-12, 2018

XIV International Scientific Conference for Students and PhD Students "Youth and Progress of Biology", Lviv (Ukraine), Apr 10-12, 2018

All-Polish Ornithological Conference "Ornithology at the local and global scales ", Lublin-Urszulin (Poland), Sep 20-22, 2017

XIII Scientific Conference "Current state and biodiversity of ecosystems in Shatsky National Natural Park and other conservation areas", Shatsk (Ukraine), Sep 7-10, 2017

XIII International Scientific Conference for Students and PhD Students "Youth and Progress of Biology", Lviv (Ukraine), Apr 25-27, 2017

XII Scientific Conference "Current state and biodiversity of ecosystems in Shatsky National Natural Park and other conservation areas", Lviv (Ukraine), Sep 8-11, 2016

## Honors, Awards, and Funding

<b>Award:</b> American Ornithological Society Student Membership Award	Jan 6, 2022
<b>Diploma:</b> Finalist, 3MT Competition (Old Dominion University, VA, USA)	Nov 30, 2021
<b>Diploma:</b> 2 <sup>nd</sup> Prize for Graduate Map Competition (2021 GIS Day, Old Dominion University, VA, USA)	Nov 19, 2021
<b>Award:</b> International Student Advisory Board (Old Dominion University, VA, USA) for participation in the International Congress for Conservation Biology	Nov 2021
<b>Grant:</b> IdeaWild (CO, USA) for project "The effects of urbanization on forest avian assemblage's structure"	Mar 2020
<b>Scholarship:</b> Fulbright Graduate Student Program for graduate program at Old Dominion University, VA, USA	2020-2022
<b>Diploma:</b> 2 <sup>nd</sup> Prize for Oral Report (International Zoological Conference «Ukrainian fauna on the verge of XX-XXI century. Status and biodiversity of ecosystems of protected areas»)	Sep 15, 2019
<b>Grant:</b> Dovkolobotanika community (Kyiv, Ukraine) for project "Factors affecting the structure of forest birds' assemblages"	Jun 2019
<b>Diploma:</b> 1 <sup>st</sup> Prize for Poster Presentation in Section "Zoology" (XV International Scientific Conference for Students and PhD Students "Youth and Progress of Biology")	Apr 11, 2019
<b>Diploma:</b> the Best Oral Report (XIII International Young Scientists' Conference "Biology: from a molecule up to the biosphere")	Nov 30, 2018
<b>Diploma:</b> 2 <sup>nd</sup> Prize for Oral Report in Section "Zoology" (XIII International Scientific Conference for Students and PhD Students "Youth and Progress of Biology")	Apr 27, 2017
The Third Degree <b>Diploma:</b> The Runner-up in the National Ukrainian Competition of Scientific Research Works of Students-Members of the Minor Academy of Sciences of Ukraine	Apr 22, 2015

## Membership

American Ornithological Society	since 2022
Biology Graduate Student Organization, Old Dominion University	since 2021
West-Ukrainian Ornithological Society	since 2015
Ukrainian Society for the Protection of Birds (USPB): BirdLife International Partner	since 2015

**Last update: Aug 29, 2022**