

2023 - 1

Ecological barriers mediate spatiotemporal shifts of bird communities at a continental scale

Marjakangas Emma-Liina¹, Bosco Laura¹, Versluijs Martijn¹, Xu Yanjie¹, Santangeli Andrea¹², Holopainen Sari¹, Mäkeläinen Sanna¹, Herrando Sergi³⁴⁵, Keller Verena E.⁶³, Voříšek Petr³, Brotons Lluís⁷⁸⁹, Johnston Alison⁸, Prince Karine¹⁰, Willis Stephen G.¹¹, Aghababayan Karen¹², Ajder Vitalie¹³¹⁴, Balmer Dawn E.¹⁵, Bino Taulant¹⁶, Boyla Kerem Ali¹⁷, Chodkiewicz Tomasz¹⁸¹⁹, del Moral Juan Carlos²⁰, Mazal Vlatka Dumbovic²¹, Ferrarini Alessandro²², Godinho Carlos²³, Gustin Marco²², Kalyakin Mikhail³, Knaus Peter⁶, Kuzmenko Tatiana⁶²⁴, Lindström Åke²⁵, Maxhuni Qenan²⁶, Molina Blas²⁰, Nagy Károly²⁷, Radišić Dimitrije²⁸, Rajkov Sasa²⁹, Rajković Draženko Z.²⁹, Raudoniki Liutauras³⁰, Sjeničić Jovica³¹, Stoychev Stoycho³², Szép Tibor³³, Teufelbauer Norbert³⁴, Ursul Silvia¹³, van Turnhout Chris A.M.³⁵³⁶, Veleviski Metodija³⁷, Vikstrøm Thomas³⁸, Wilk Tomasz¹⁸, Voltzit Olga³⁹, Øien Ingar Jostein⁴⁰, Sudfeldt Christoph⁴¹, Gerlach Bettina⁴¹, Lehikoinen Aleks S.¹³

- ¹ University of Helsinki,
² University of the Balearic Islands,
³ European Bird Census Council, Netherlands,
⁴ Catalan Ornithological Institute, Natural History Museum of Barcelona,
⁵ Centre for Ecological Research and Forestry Applications,
⁶ Swiss Ornithological Institute,
⁷ Spanish National Research Council,
⁸ University of St Andrews,
⁹ Forest Science and Technology Centre of Catalonia,
¹⁰ Muséum National d'Histoire Naturelle,
¹¹ University of Durham,
¹² BirdLinks Armenia, Yerevan,
¹³ Society for Birds and Nature Protection, Moldova,
¹⁴ Institute of Ecology and Geography, MSU,
¹⁵ Trustul britanic pentru ornitologie,
¹⁶ Albanian Ornithological Society, Tirana,
¹⁷ KAB Ecology Co., Sisli, Istanbul,
¹⁸ Polish Society for the Protection of Birds,
¹⁹ Museum and Institute of Zoology, Polish Academy of Science,
²⁰ Spanish Ornithological Society/BirdLife, Madrid,
²¹ Institute for Environment and Nature, Ministry of Economy and Sustainable Development, Croatia,
²² BirdLife Italia,
²³ University of Evora,
²⁴ Polissia Nature Reserve,
²⁵ Lund University, Sweden,
²⁶ University of Gjakova "Fehmi Agani",
²⁷ Magyar Madártani és Természetvédelmi Egyesület BirdLife Hungary,
²⁸ University of Novi Sad,
²⁹ Center for Biodiversity Research, Novi Sad,
³⁰ Lithuanian Ornithological Society,
³¹ Society for Research and Protection of Biodiversity, Bosnia and Herzegovina,
³² Bulgarian Society for the Protection of Birds/BirdLife in Bulgaria,
³³ University of Nyíregyháza,
³⁴ BirdLife Österreich,
³⁵ Radboud University,
³⁶ Sovon Dutch Centre for Field Ornithology,
³⁷ Macedonian Ecological Society,
³⁸ Dansk Ornitologisk Forening / BirdLife Denmark,
³⁹ Lomonosov Moscow State University,
⁴⁰ Norwegian Ornithological Society / BirdLife Norway,
⁴¹ Federation of German Avifaunists

Proceedings of the National Academy of Sciences of the United States of America

Vol. 120, / 2023 / ISSN 0027-8424 / ISSNe 1091-6490

Disponibil online 31 July, 2023. Descarcări-8. Vizualizări-277



Copyright © 2011-2024 Instrumentul Bibliometric Național.
Institutul de Dezvoltare a Societății Informaționale.
Actualizat: 28.05.2024, accesat: 29.05.2024
Disponibil: <https://ibn.idsi.md>

