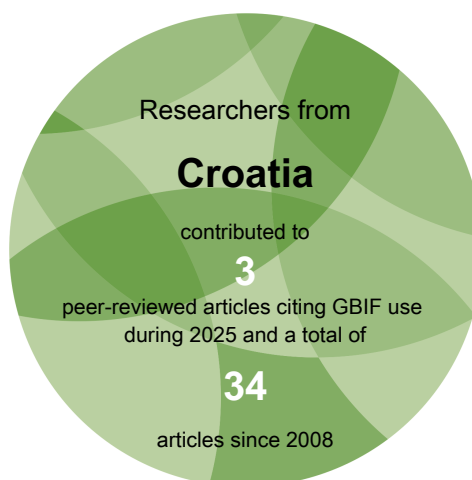


generated January 2026

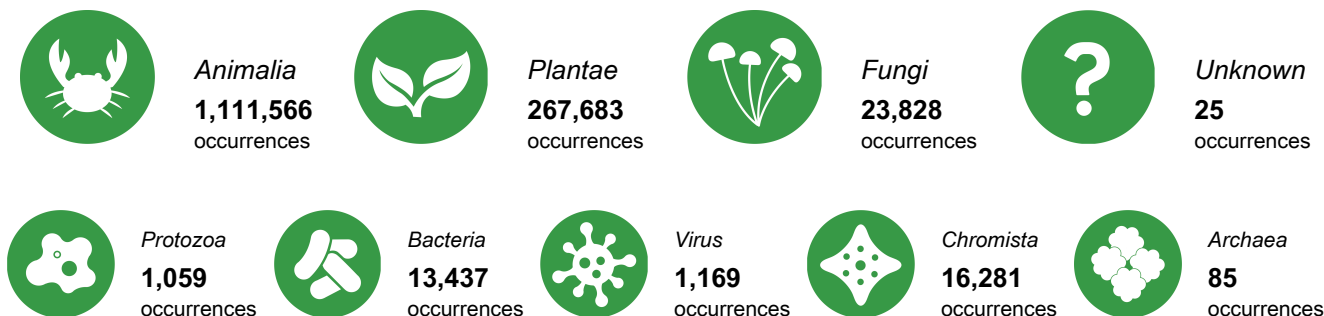
Croatia

This report provides a series of summary charts, statistics and other details about the mobilization and use of open-access species data through the GBIF network, relating to users and participating institutions in Croatia. These metrics show status at the time of report generation, unless otherwise noted. Taken together, the elements of this report can help guide and measure progress toward the information needs for biodiversity research, as well as for national commitments on biodiversity and sustainable development.

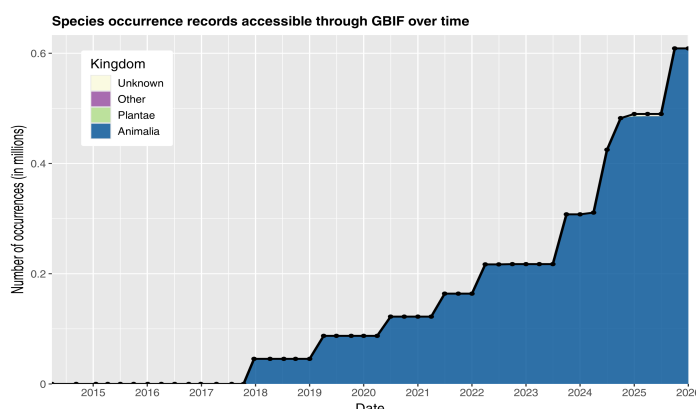
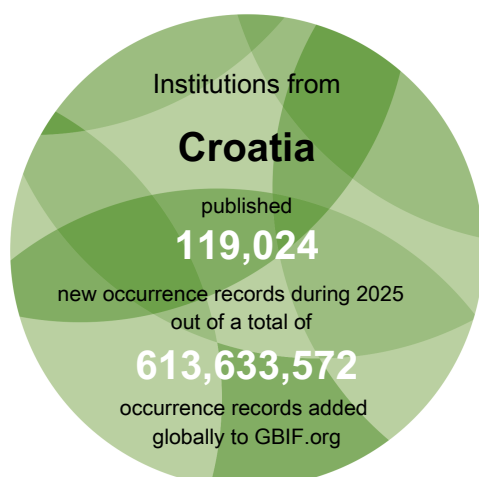
► Access and usage



► Data availability in Croatia



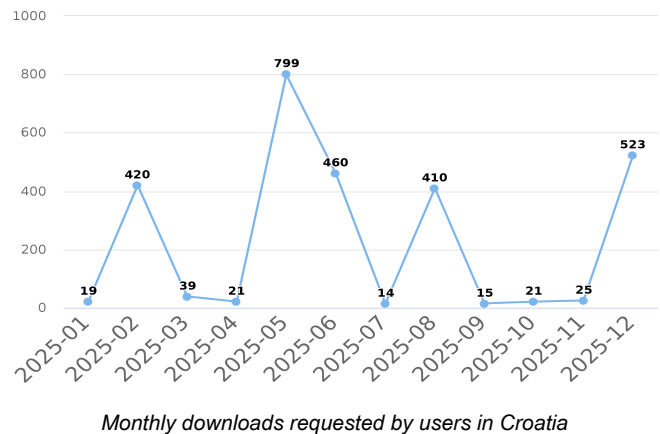
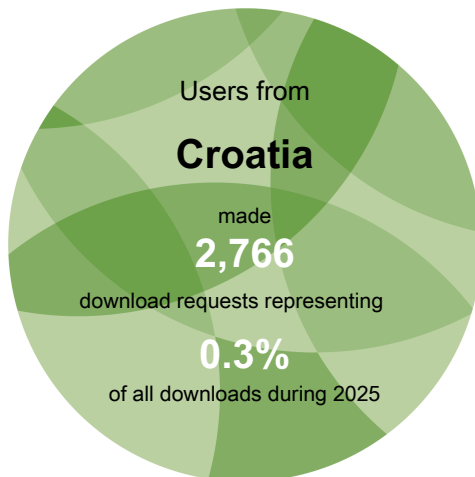
► Data mobilization



Number of records published by institutions in Croatia,
categorized by kingdom

Access and usage

Data downloads on GBIF.org from users in Croatia



Recent peer-reviewed articles using GBIF-mediated data by co-authors based in Croatia

The GBIF Secretariat maintains and reports on an ongoing literature tracking programme, giving priority to substantive uses of GBIF-mediated data in peer-reviewed literature while identifying the countries or areas of the authors' institutional affiliations. The citations below represent the five most recent journal articles with at least one co-author from Croatia.

Those interested in assisting the Secretariat in identifying additional peer-reviewed uses of GBIF-mediated data may forward relevant citations to comms@gbif.org.

Lucas, Thuiller, Talluto *et al.* (2025) Trophic Interactions Are Key to Understanding the Effects of Global Change on the Distribution and Functional Role of the Brown Bear. *Global Change Biology*.
<https://doi.org/10.1111/gcb.70252>

Balaško, Varga, Temunović. (2025) Europe Under Siege? Predicting Fall Armyworm (*Spodoptera frugiperda*) Invasion Risk Based on Climatic Niche Shift and Species Distribution Models. *Diversity and Distributions*.
<https://doi.org/10.1111/ddi.70037>

Sumbh, Hellegers, Barbarossa *et al.* (2025) Developing and Validating Species Distribution Models for Wetland Plants Across Europe. *Ecology and Evolution*.
<https://doi.org/10.1002/ece3.71157>

Jelaska, Levačić. (2024) Past, present and future of an alien fungus *Clathrus archeri* in Croatia. *Acta botanica Croatica*.
<https://doi.org/10.37427/botcro-2025-017>

Turkalj, Tomik. (2024) Status review of the Pallid Harrier *Circus macrourus* in Croatia: a new wintering species. *Larus : godišnjak Zavoda za ornitologiju Hrvatske akademije znanosti i umjetnosti*.
<https://doi.org/10.21857/ypn4oc4xk9>

See all research from this country or area
gbif.org/country/HR/publications/from

Data availability

Total data available for selected taxonomic groups in Croatia



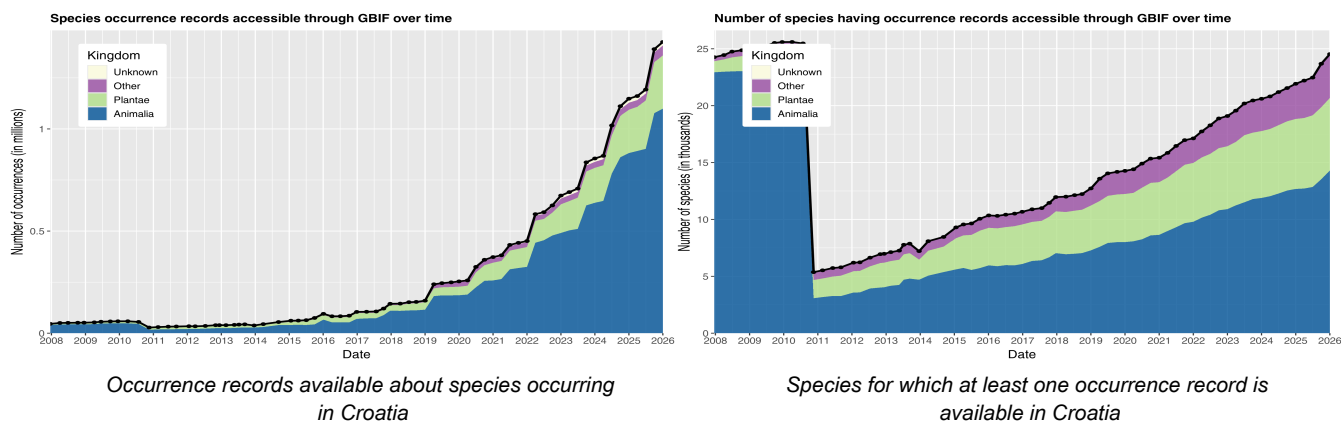
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

Insects = Class *Insecta*
Reptiles = Class *Testudines*,
Sphenodontia, *Squamata* &
Crocodylia
Molluscs = Phylum *Mollusca*

Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

Ferns = Phylum *Pteridophyta*
Mosses = Phylum *Bryophyta*
Sac fungi = Phylum *Ascomycota*
Basidiomycota = Phylum
Basidiomycota

Change over time in records about biodiversity in Croatia



WHY MIGHT THE AMOUNT OF MOBILIZED DATA DECREASE?

Datasets are sometimes removed by publishers, but more often decreases in the number of records are due to the removal of duplicate records and datasets.

SPECIES COUNTS represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



Most recent datasets from publishers in Croatia

Results of Tick (*Hyalomma* and *Ixodes ricinus*) and Mosquito Surveillance in Croatia in 2024.

Published by Croatian Veterinary Institute

<https://doi.org/10.15468/qgm6wz>

Spread and Impact of *Ophraella communa* on Common Ragweed in Croatia. *Published by University Of Zagreb Faculty Of Agriculture*

<https://doi.org/10.15468/5xbp4q>

LIFE Artina (LIFE17 NAT/HR/000594) - Sea transect data 2019-2021 - Lastovo Archipelago, Croatia.

Published by Association BIOM

<https://doi.org/10.15468/zahhf8>

Project OPKK Monitoring Birds - bird observations collected for the development of monitoring programs during 2022-2023. *Published by Ministry of Environmental Protection and Green Transition*

<https://doi.org/10.15468/ek8q2b>

Mapping of plant species containing pyrrolizidine alkaloids in Lozan, Croatia. *Published by University Of Zagreb Faculty Of Agriculture*

<https://doi.org/10.15468/w6p22g>

Records of saproxylic beetles collected through citizen science campaign - Jeste li ih vidjeli?.

Published by Ministry of Environmental Protection and Green Transition

<https://doi.org/10.15468/ukuctu>

See all datasets from this country or area: gbif.org/dataset/search?publishing_country=HR

Newest publishers from Croatia

Croatian Veterinary Institute

Association BIOM

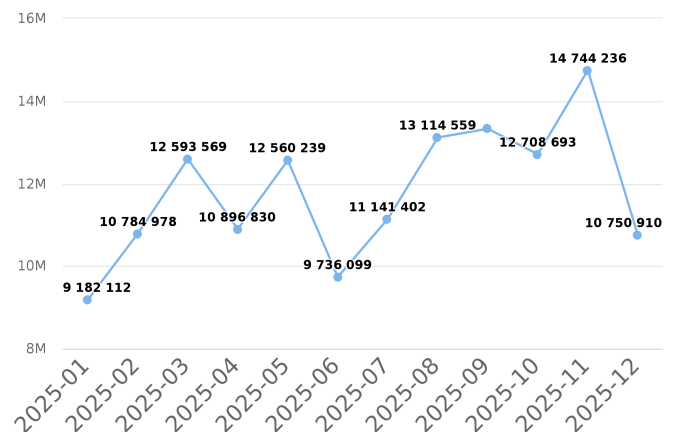
University Of Zagreb Faculty Of Agriculture

Ministry of Environmental Protection and Green Transition

University of Zagreb Faculty of Science

See all publishers from this country or area
gbif.org/publisher/search?country=HR

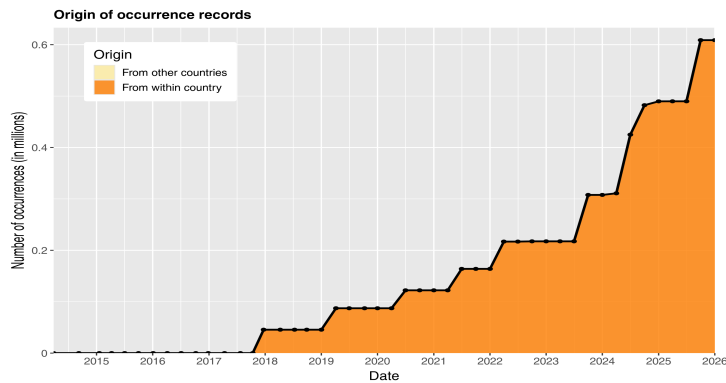
Occurrence records downloaded from GBIF.org, published by institutions in Croatia



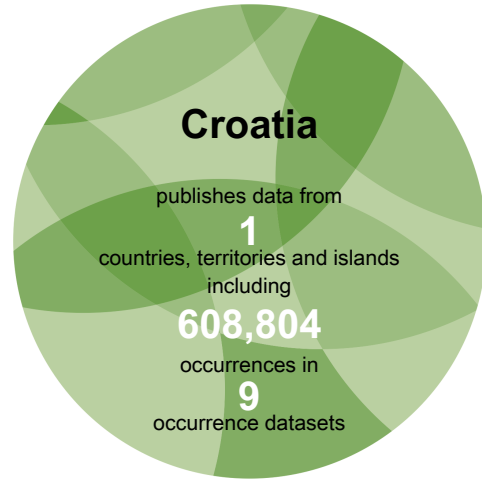
Number of occurrence records downloaded via
GBIF.org published by institutions in Croatia

Data mobilization

Data sharing with country or area of origin by national institutions in Croatia



Data sharing with country or area of origin



The chart above shows the number of records shared over time by publishers within Croatia, with separate colours for records about species occurring within undefined and those occurring elsewhere.

Top data contributors about biodiversity in Croatia

Rank	Country or area	No. of occurrences
1	Croatia	608,804
2	United States of America	276,680
3	Netherlands	196,503
4	France	65,636
5	Belgium	64,752
6	Germany	44,512
7	United Kingdom	42,669
8	Austria	30,262
9	Estonia	20,156
10	Poland	16,051

Table 1. Ranking of countries or areas contributing data about Croatia

Top datasets contributing data about Croatia

EOD – eBird Observation Dataset. 537,906 occurrences in Croatia. (Last updated 29 Oct 2025)

iNaturalist Research-grade Observations. 267,150 occurrences in Croatia. (Last updated 31 Dec 2025)

Observation.org, Nature data from around the World. 158,611 occurrences in Croatia. (Last updated 16 Dec 2025)

Project OPKK Monitoring Birds - bird observations collected for the development of monitoring programs during 2022-2023. 57,329 occurrences in Croatia. (Last updated 9 Jul 2024)

Pl@ntNet automatically identified occurrences. 51,225 occurrences in Croatia. (Last updated 20 Oct 2025)

See all contributing countries and areas or datasets: gbif.org/country/HR/about



Croatia participates in the following projects coordinated by GBIF

CroMent

Capacity Enhancement Support Programme, 2023–2024

<https://www.gbif.org/project/CESP2023-006>

See all GBIF projects

[gbif.org/resource/search?contentType=project](https://www.gbif.org/resource/search?contentType=project)