

generated January 2026

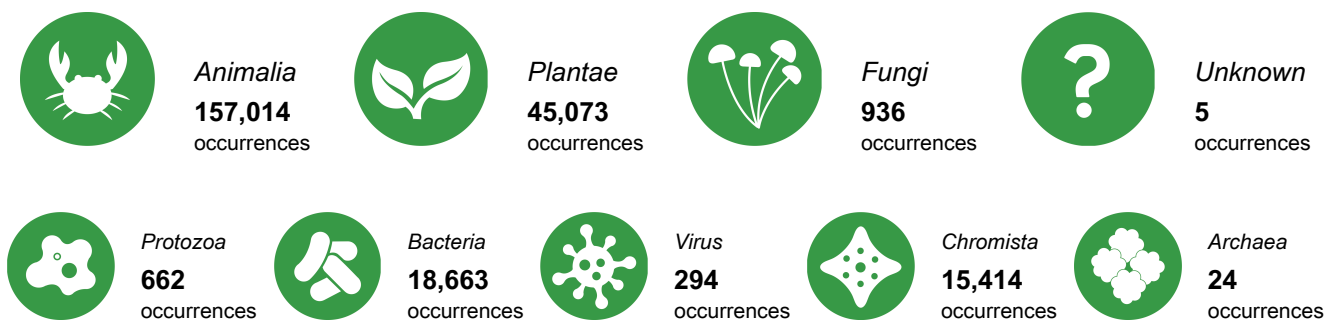
Lebanon

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 Lebanon. 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.

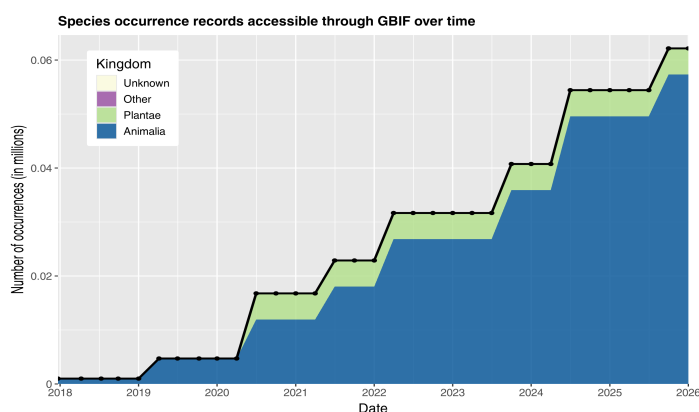
► Access and usage



► Data availability in Lebanon



► Data mobilization

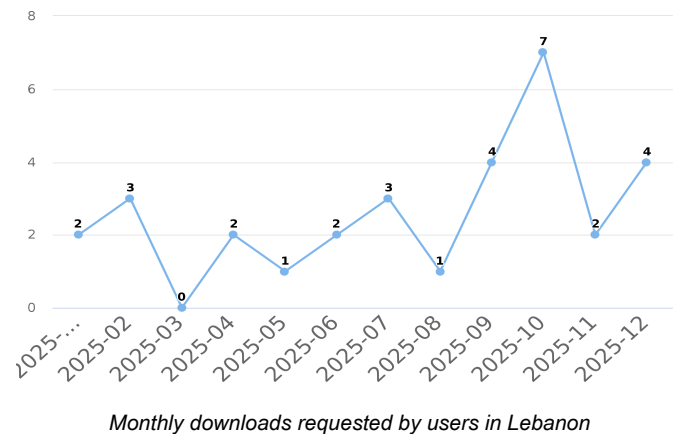
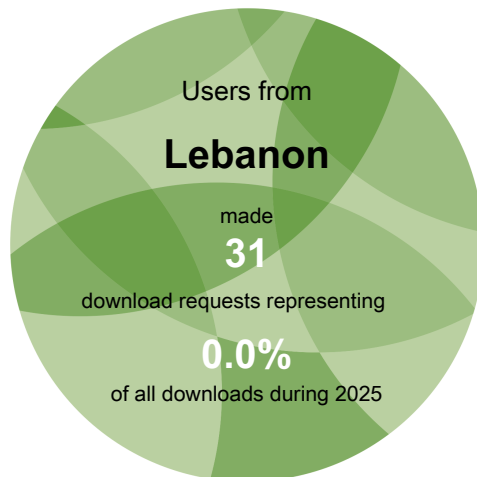


Number of records published by institutions in Lebanon,
categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Lebanon



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

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 Lebanon.

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

Lončarević, Liu, Stefanaki *et al.* (2024) Database of European vascular plants red lists as a contribution to more coherent plant conservation. *Scientific Data*.
<https://doi.org/10.1038/s41597-024-03963-0>

Lorika, Hamad, Yehya *et al.* (2025) Properties and environmental performance of concrete modified with a bio-additive based on *Opuntia ficus-indica*. *Advances in Bio-Based Materials for Construction and Energy Efficiency*.
<https://doi.org/10.1016/b978-0-443-32800-8.00016-0>

Sayde, Yazbek, Zucchini *et al.* (2025) Towards the establishment of genetic reserves for key crop wild relatives in Lebanon: Analysis of strategies across diverse ecogeographical landscapes. *Global Ecology and Conservation*.
<https://doi.org/10.1016/j.gecco.2025.e03413>

El Zein, Chalak, Baydoun *et al.* (2023) Newly recorded for the vascular flora of Lebanon: *Ferula biverticellata* J.Thiébaud (Apiaceae). *Check List*.
<https://doi.org/10.15560/19.3.293>

Sayde, Raggi, Chalak *et al.* (2023) Crop wild relatives in Lebanon: mapping the distribution of Poaceae and Fabaceae priority taxa for conservation planning. *Genetic Resources and Crop Evolution*.
<https://doi.org/10.1007/s10722-023-01561-4>

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



Data availability

Total data available for selected taxonomic groups in Lebanon



Mammals
2,720
occurrences



Birds
60,648
occurrences



Bony fish
8,356
occurrences



Amphibians
341
occurrences



Insects
58,704
occurrences



Reptiles
1,537
occurrences



Molluscs
3,924
occurrences



Arachnids
1,008
occurrences



Flowering plants
42,766
occurrences



Ferns
421
occurrences



Gymnosperms
776
occurrences



Mosses
392
occurrences



Sac fungi
508
occurrences



Basidiomycota
423
occurrences

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

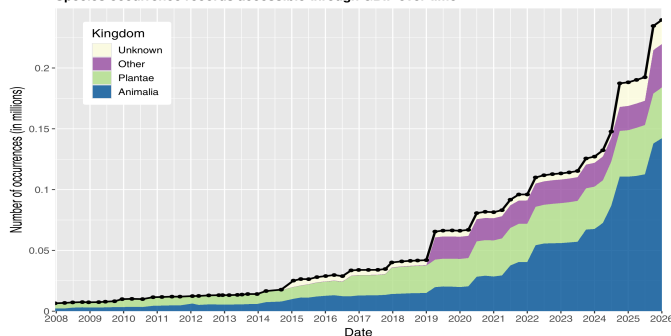
Insects = Class *Insecta*
Reptiles = Class *Testudines*,
Sphenodontia, *Squamata* &
Crocodylia
Molluscs = Phylum *Mollusca*

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

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

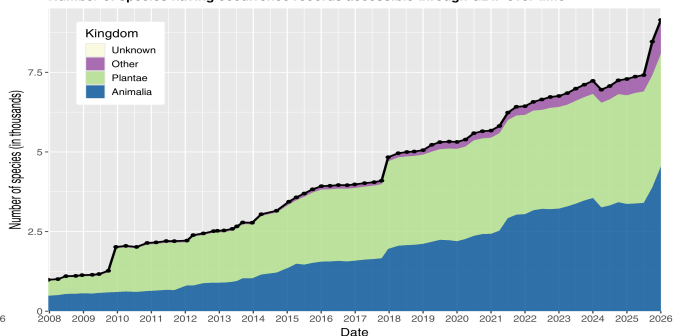
Change over time in records about biodiversity in Lebanon

Species occurrence records accessible through GBIF over time



Occurrence records available about species occurring in Lebanon

Number of species having occurrence records accessible through GBIF over time



Species for which at least one occurrence record is available in Lebanon

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 Lebanon

Vascular plants of the Valleys of Hell, Danniye-Akkar, Lebanon, 2019. *Published by Wadi ez-Zouhour*
<https://doi.org/10.15468/jh6usj>

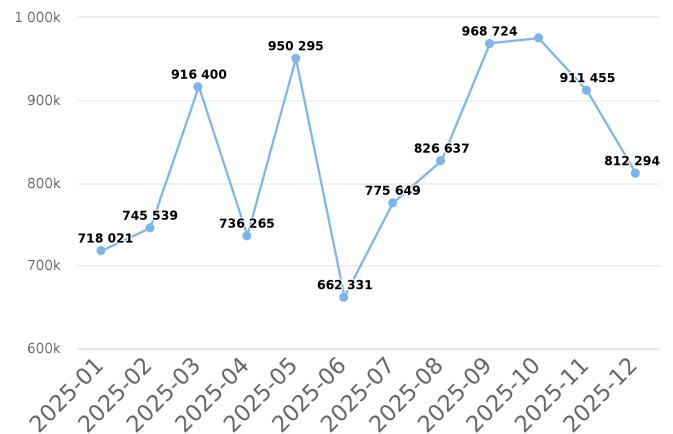
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=LB

Newest publishers from Lebanon

Wadi ez-Zouhour

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

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

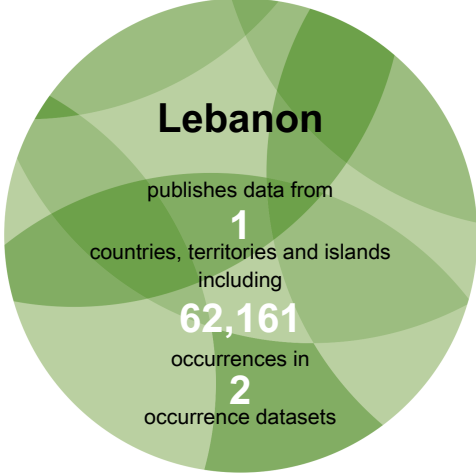
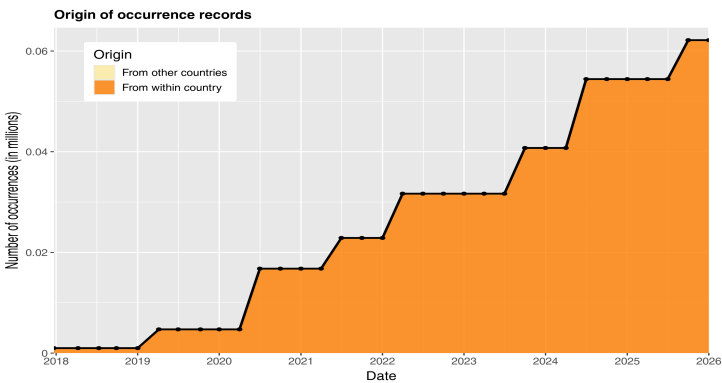


Number of occurrence records downloaded via
GBIF.org published by institutions in Lebanon



Data mobilization

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



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Lebanon

Rank	Country or area	No. of occurrences
1	Lebanon	62,161
2	International organization or unknown country	43,907
3	Belgium	33,605
4	United Kingdom	30,103
5	France	15,217
6	United States of America	14,373
7	Estonia	8,471
8	Sweden	6,542
9	Netherlands	5,836
10	Finland	4,877

Top datasets contributing data about Lebanon

- EOD – eBird Observation Dataset. 57,316 occurrences in Lebanon. (Last updated 29 Oct 2025)
- International Barcode of Life project (iBOL). 40,209 occurrences in Lebanon. (Last updated 28 Nov 2025)
- Zooplankton of Lebanon. 24,375 occurrences in Lebanon. (Last updated 17 Sep 2025)
- Effect of genetics and environment on gut bacteria in Anopheles and Aedes mosquitoes.. 18,587 occurrences in Lebanon. (Last updated 24 Sep 2025)
- Phytoplankton of Lebanon. 8,573 occurrences in Lebanon. (Last updated 17 Sep 2025)

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

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



Lebanon participates in the following projects coordinated by GBIF

Mobilizing plant species occurrences and sampling-event data from Northern Lebanon

BIFA: Biodiversity Information Fund for Asia, 2019–2020

<https://www.gbif.org/project/4UriCZIJbLkKDnLqOefGhE>

See all GBIF projects

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