

generated January 2025

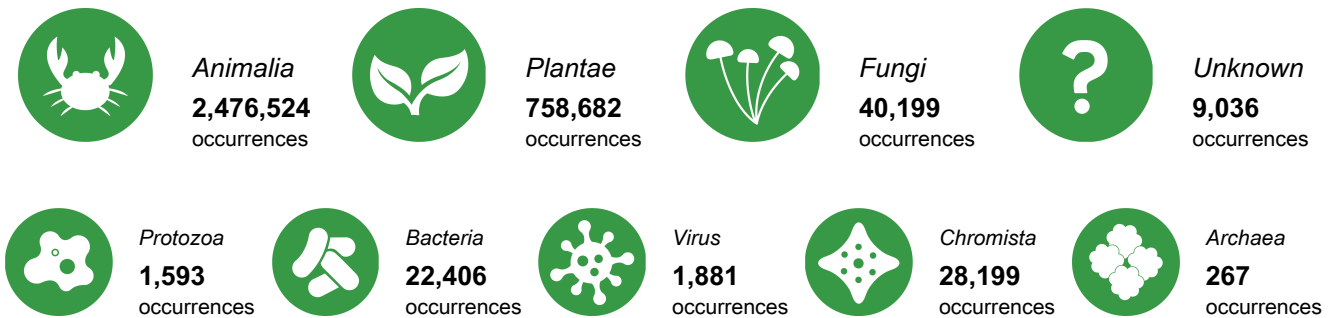
Greece

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 Greece. 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.

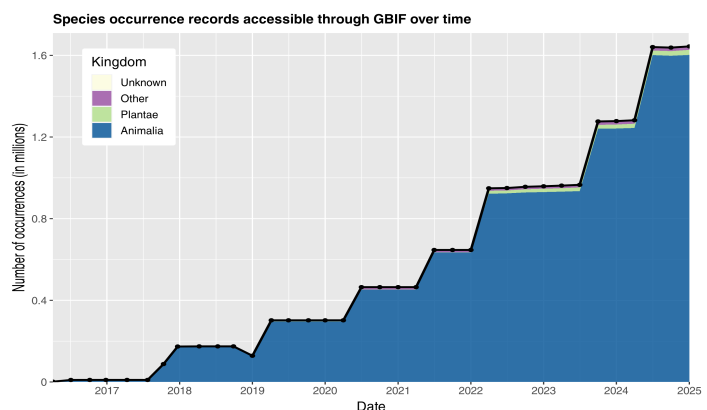
► Access and usage



► Data availability in Greece



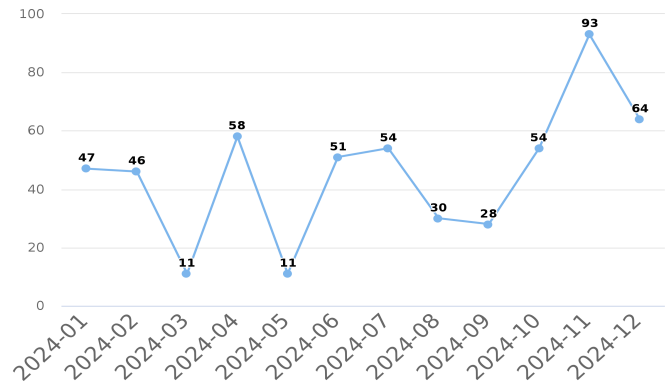
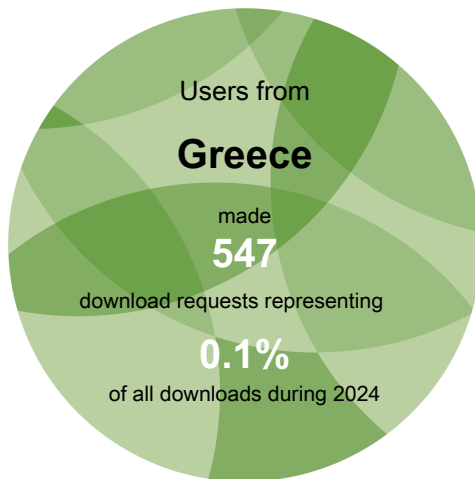
► Data mobilization



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

Access and usage

Data downloads on GBIF.org from users in Greece



Monthly downloads requested by users in Greece

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

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 Greece.

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

Rosero-Erao, Frey, Armijos-Arcos *et al.* (2024) Ecological Niche Modeling of Five Azorella Species in the High Andean Páramo Ecosystem of South America: Assessing Climate Change Impacts Until 2040. *Diversity*.

<https://doi.org/10.3390/d16120736>

González-Moreno, Anđelković, Adriaens *et al.* (2024) Citizen science platforms can effectively support early detection of invasive alien species according to species traits. *People and Nature*.

<https://doi.org/10.1002/pan3.10767>

HATT, TSIFTSIS, THOROGOOD. (2024) A taxonomic monograph of the Eurasian holoparasitic plant genus *Lathraea* L. (Orobanchaceae). *Phytotaxa*.

<https://doi.org/10.11646/phytotaxa.672.1.1>

Journé, Bogdziewicz, Courbaud *et al.* (2024) The Relationship Between Maturation Size and Maximum Tree Size From Tropical to Boreal Climates. *Ecology Letters*.

<https://doi.org/10.1111/ele.14500>

Kalarikkal, Park, Georgiadis *et al.* (2024) Current and Future Distribution of the *Cataglyphis nodus* (Brullé, 1833) in the Middle East and North Africa. *Diversity*.

<https://doi.org/10.3390/d16090563>

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

Data availability

Total data available for selected taxonomic groups in Greece



Mammals
30,890
occurrences



Birds
1,860,240
occurrences



Bony fish
51,005
occurrences



Amphibians
10,672
occurrences



Insects
316,958
occurrences



Reptiles
46,845
occurrences



Molluscs
85,344
occurrences



Arachnids
18,414
occurrences



Flowering plants
739,862
occurrences



Ferns
6,864
occurrences



Gymnosperms
4,515
occurrences



Mosses
2,449
occurrences



Sac fungi
26,654
occurrences



Basidiomycota
12,337
occurrences

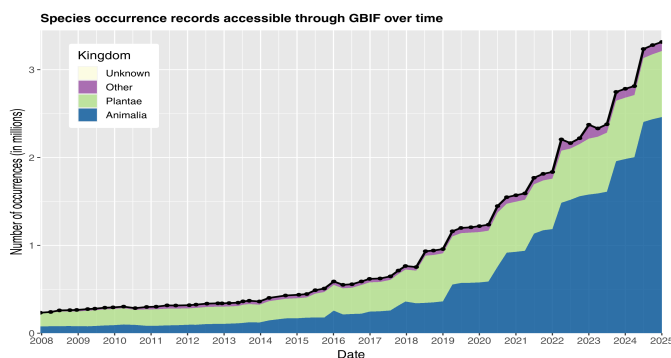
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

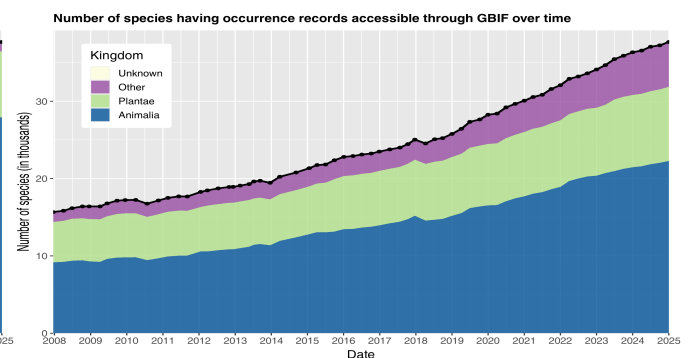
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Greece



Occurrence records available about species occurring in Greece



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

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 Greece

Alien flora of the Mediterranean Lesvos Island (East Aegean, Greece). *Published by Department of Environment, University of the Aegean*
<https://doi.org/10.15468/wj8syb>

"Pola" Expedition: Mollusks, in the Eastern Mediterranean and the Adriatic Sea, 1890-1894. *Published by Hellenic Center for Marine Research*
<https://doi.org/10.25607/mu0n0i>

Biodiversity of the upper-mesophotic octocoral habitats at Sporades Archipelago (Aegean Sea). *Published by Hellenic Center for Marine Research*
<https://doi.org/10.15468/w523xa>

List of marine species observed during diving in Monastir area, Tunisia, 2023. *Published by Hellenic Center for Marine Research*
<https://doi.org/10.15468/4v7dmw>

Microbial diversity in four Mediterranean irciniid sponges. *Published by Hellenic Center for Marine Research*
<https://doi.org/10.15468/3uxuba>

Edward Forbes. Report on the Mollusca and Radiata of the Aegean Sea, and on their distribution, considered as bearing on Geology. 13th Meeting of the British Association for the Advancement of Science, London, 1844.. *Published by Hellenic Center for Marine Research*
<https://doi.org/10.25607/dppswx>

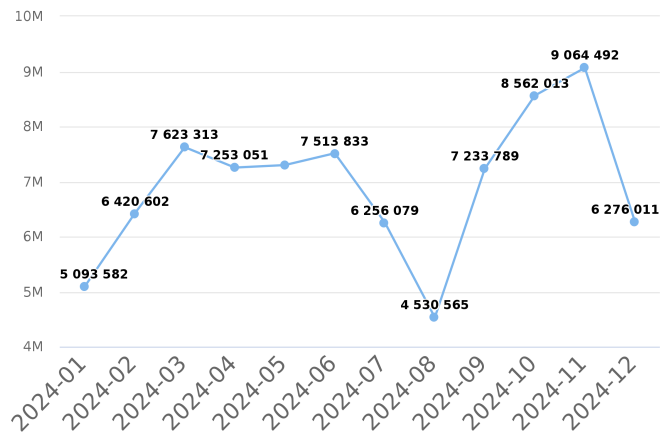
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=GR

Newest publishers from Greece

Department of Environment, University of the Aegean

Hellenic Center for Marine Research

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

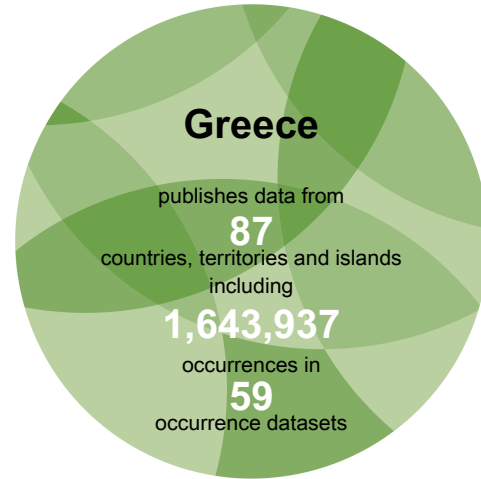
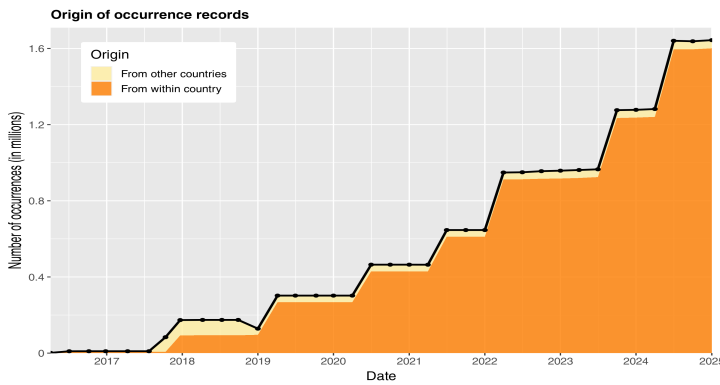


See all publishers from this country or area gbif.org/publisher/search?country=GR

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

Data mobilization

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



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Greece

Rank	Country or area	No. of occurrences
1	Greece	1,600,851
2	Netherlands	458,720
3	Germany	337,136
4	United States of America	301,626
5	Sweden	155,044
6	United Kingdom	97,408
7	France	88,475
8	Austria	52,776
9	Estonia	39,663
10	International organization or unknown country	33,849

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

Top datasets contributing data about Greece

- EOD – eBird Observation Dataset. *1,486,543 occurrences in Greece.* (Last updated 27 Sep 2024)
- iNaturalist Research-grade Observations. *331,577 occurrences in Greece.* (Last updated 30 Dec 2024)
- Observation.org, Nature data from around the World. *305,182 occurrences in Greece.* (Last updated 3 Jan 2025)
- Lund University Biological Museum - Botanical collection (LD). *129,846 occurrences in Greece.* (Last updated 5 Jan 2025)
- Herbarium Berolinense, Berlin (B). *108,604 occurrences in Greece.* (Last updated 14 Nov 2024)

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