

generated January 2026

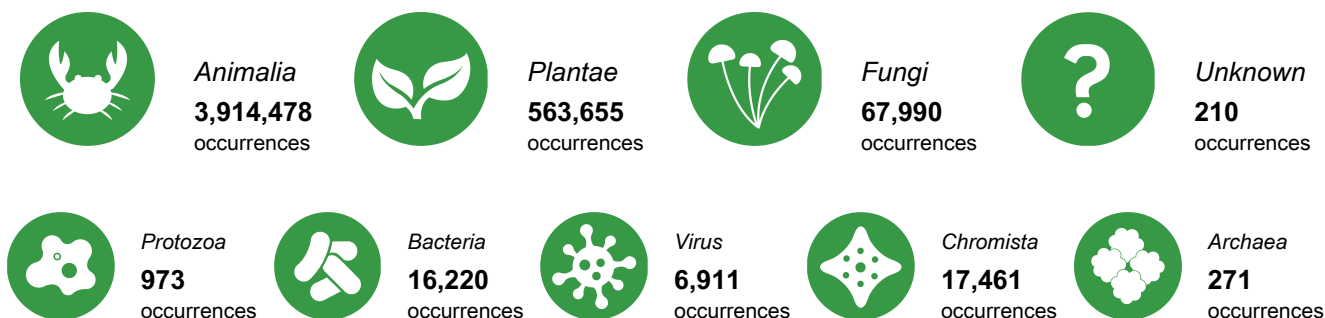
Türkiye

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 Türkiye. 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.

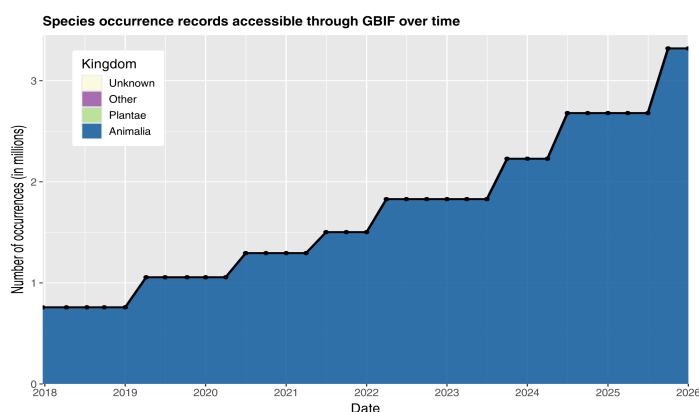
► Access and usage



► Data availability in Türkiye



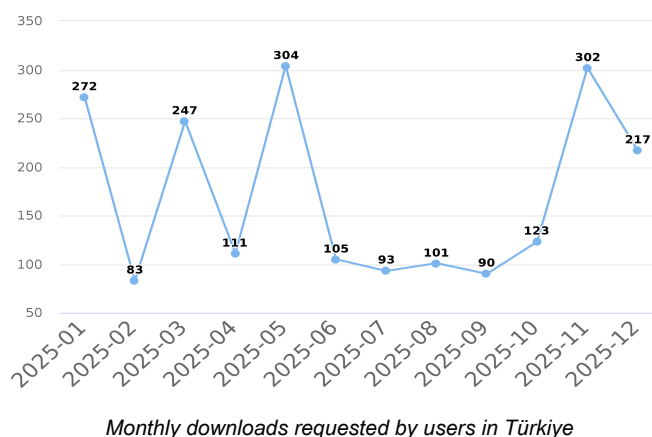
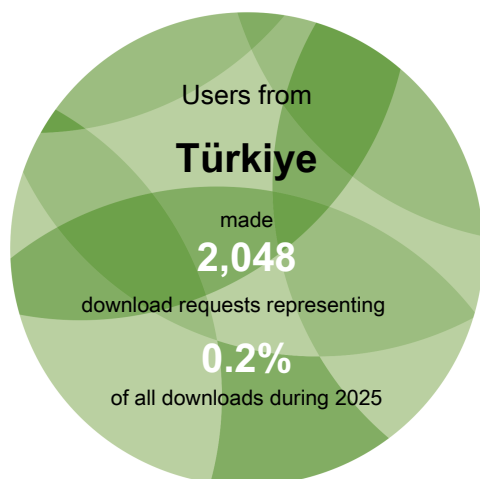
► Data mobilization



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

Access and usage

Data downloads on GBIF.org from users in Türkiye



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

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 Türkiye.

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

Farooq. (2025) Climate-driven spread of giant hogweed [*Heracleum mantegazzianum* (Sommier & Levier) in Turkey: assessing future invasion risks under CMIP6 climate projections. *BMC Plant Biology*.
<https://doi.org/10.1186/s12870-025-07145-x>

Seebens, Meyerson, Richardson *et al.* (2025) Biological invasions: a global assessment of geographic distributions, long-term trends, and data gaps. *Biological Reviews*.
<https://doi.org/10.1111/brv.70058>

Şahin. (2025) Ecological niches and climate-driven range shifts in Hemorrhoids snakes: implications for biogeography. *Herpetozoa*.
<https://doi.org/10.3897/herpetozoa.38.e151017>

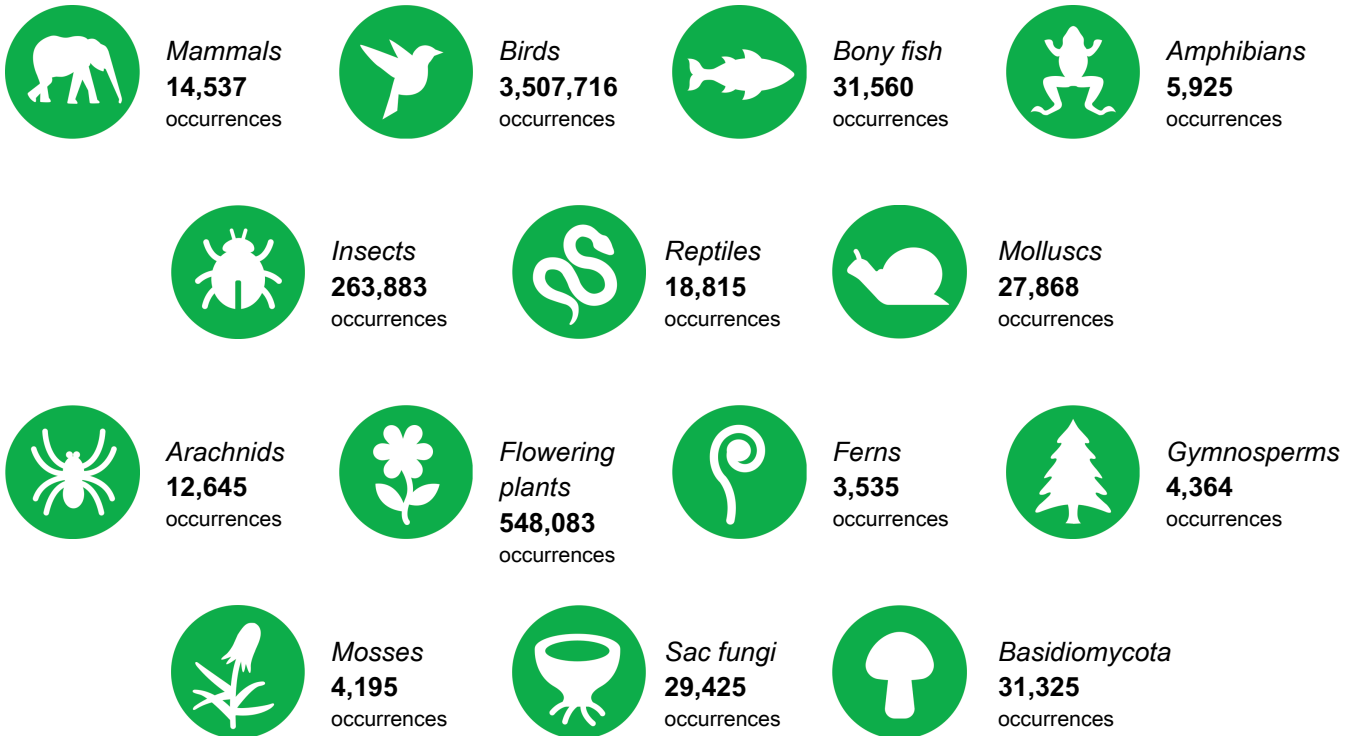
Aytan, Sünbül. (2025) Geo-environmental determinants of vascular plant richness in Western Anatolia: a species distribution modelling approach for Manisa Spil Mountain, Türkiye. *Biodiversity*.
<https://doi.org/10.1080/14888386.2025.2522839>

Harman, Morrison, Altunç *et al.* (2025) Increasing global risk of khapra beetle invasion forecasted under projected environmental conditions. *Scientific Reports*.
<https://doi.org/10.1038/s41598-025-11690-8>

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

Data availability

Total data available for selected taxonomic groups in Türkiye



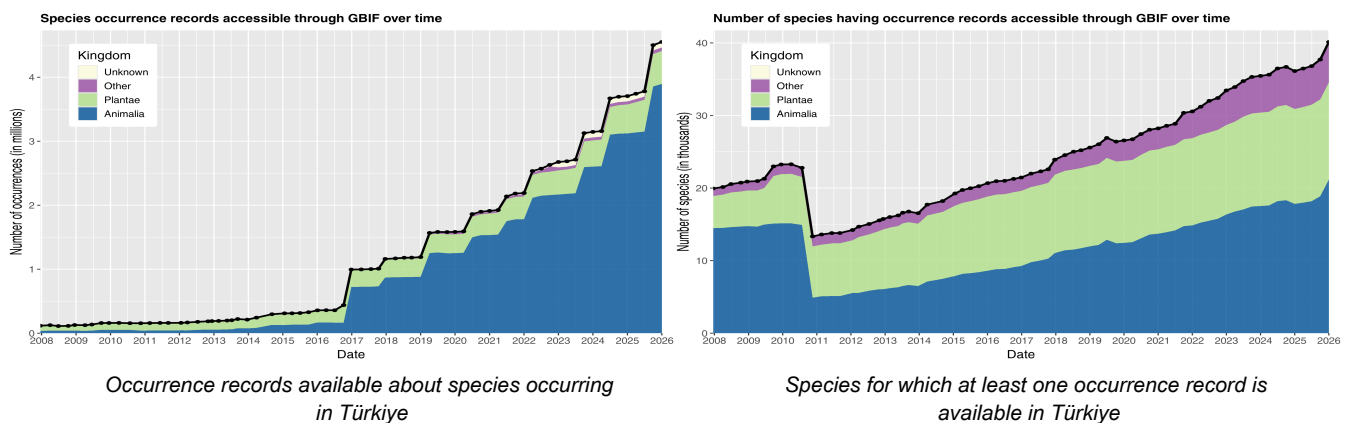
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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 Türkiye



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 Türkiye

Alien Flora of Turkey. Published by Duzce University

<https://doi.org/10.15468/7j1dof>

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

Newest publishers from Türkiye

Duzce University

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



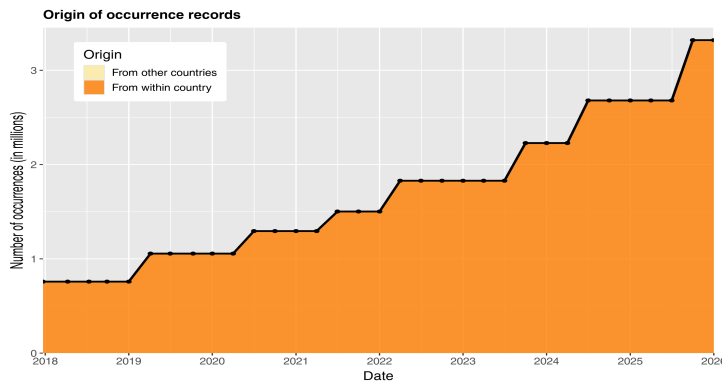
2025-01
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See all publishers from this country or area
gbif.org/publisher/search?country=TR

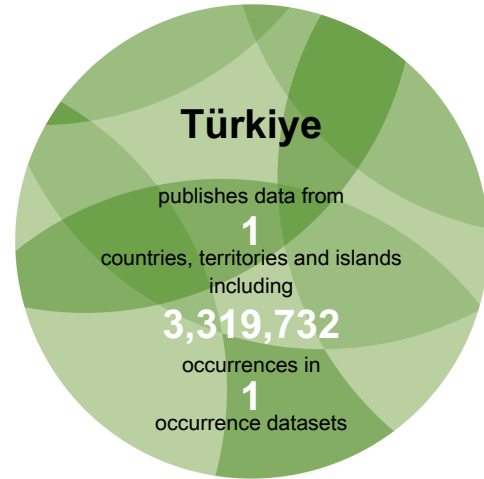
Number of occurrence records downloaded via
GBIF.org published by institutions in Türkiye

Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Türkiye

Rank	Country or area	No. of occurrences
1	Türkiye	3,319,732
2	United States of America	245,962
3	United Kingdom	200,599
4	Netherlands	178,710
5	Estonia	106,385
6	Colombia	82,222
7	Germany	75,452
8	International organization or unknown country	70,298
9	France	64,252
10	Sweden	58,887

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

Top datasets contributing data about Türkiye

- EOD – eBird Observation Dataset. 3,319,732 occurrences in Türkiye. (Last updated 29 Oct 2025)
- iNaturalist Research-grade Observations. 183,539 occurrences in Türkiye. (Last updated 31 Dec 2025)
- A global database for the distributions of crop wild relatives. 82,138 occurrences in Türkiye. (Last updated 9 Feb 2024)
- Royal Botanic Gardens, Kew - Herbarium Specimens. 72,132 occurrences in Türkiye. (Last updated 2 Jan 2026)
- Edinburgh (E) Herbarium Specimens. 63,069 occurrences in Türkiye. (Last updated 2 Jan 2026)

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