

generated January 2025

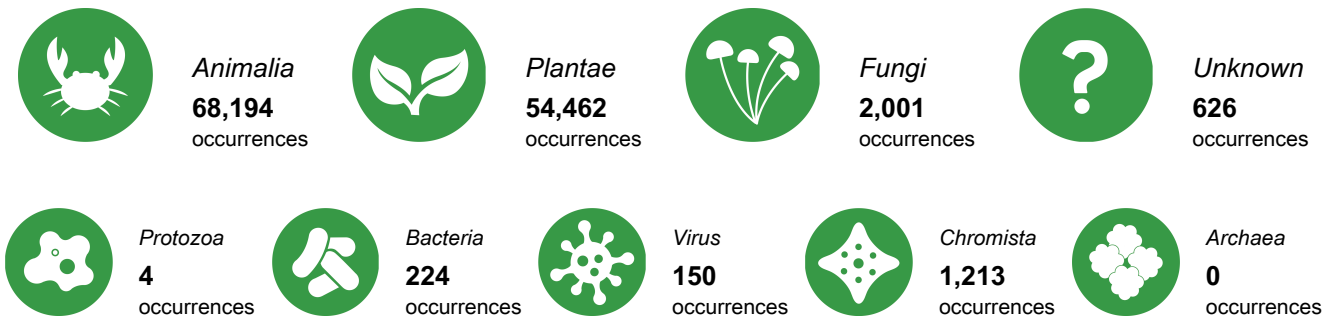
## Tajikistan

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 Tajikistan. 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.

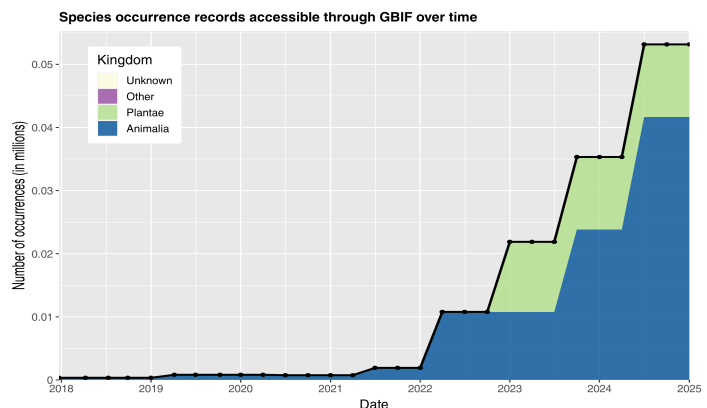
### ► Access and usage



### ► Data availability in Tajikistan



### ► Data mobilization

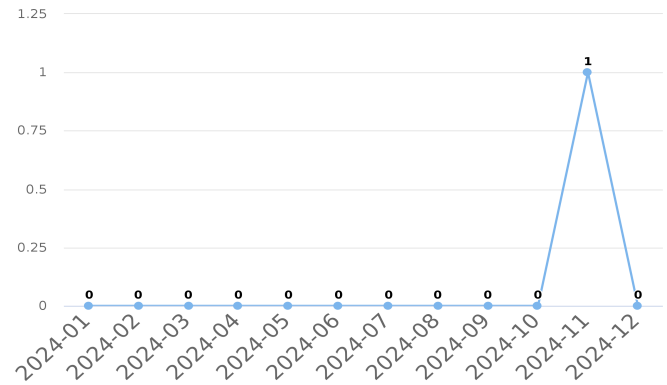
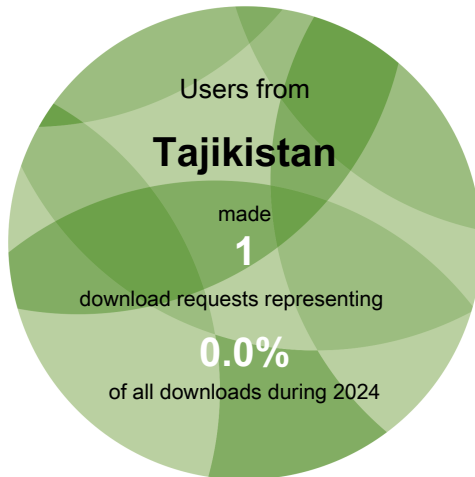


Number of records published by institutions in Tajikistan, categorized by kingdom



## Access and usage

### Data downloads on GBIF.org from users in Tajikistan



Monthly downloads requested by users in Tajikistan

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

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 Tajikistan.

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

Reshetnikov, Zibrova, Ayaz *et al.* (2023) □ Rarely naturalized, but widespread and even invasive: the paradox of a popular pet terrapin expansion in Eurasia. *NeoBiota*.  
<https://doi.org/10.3897/neobiota.81.90473>

Akhrorov, Cai, Song *et al.* (2022) Ecological constraints on elevational gradients of bird species richness in Tajikistan. *Avian Research*.  
<https://doi.org/10.1016/j.avrs.2022.100026>

See all research from this country or area  
[gbif.org/country/TJ/publications/from](https://gbif.org/country/TJ/publications/from)



## Data availability

### Total data available for selected taxonomic groups in Tajikistan



**Mammals**  
650  
occurrences



**Birds**  
45,877  
occurrences



**Bony fish**  
347  
occurrences



**Amphibians**  
368  
occurrences



**Insects**  
16,164  
occurrences



**Reptiles**  
1,456  
occurrences



**Molluscs**  
1,057  
occurrences



**Arachnids**  
303  
occurrences



**Flowering plants**  
52,386  
occurrences



**Ferns**  
704  
occurrences



**Gymnosperms**  
998  
occurrences



**Mosses**  
130  
occurrences



**Sac fungi**  
1,094  
occurrences



**Basidiomycota**  
887  
occurrences

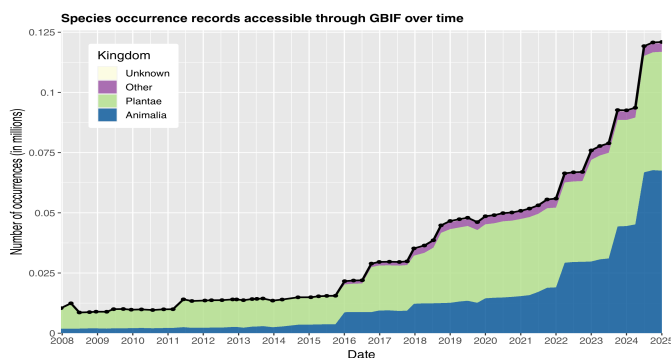
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

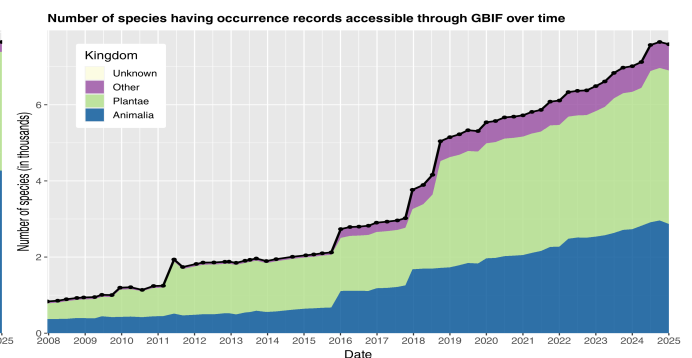
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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

### Change over time in records about biodiversity in Tajikistan



Occurrence records available about species occurring in Tajikistan



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

#### 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 Tajikistan

Khatlon Scientific Center. *Published by Khatlon Scientific Center of the National Academy of Sciences of Tajikistan*

<https://doi.org/10.15468/q2y8b2>

The Herbarium Fund of the Institute of Botany, Plant Physiology and Genetics at the Tajikistan National Academy of Sciences - non-BRAHMS records. *Published by Institute of Botany, Plant Physiology and Genetics, National Academy of Sciences of Tajikistan*

<https://doi.org/10.15468/9xjs98>

The Herbarium of Tajik National University. *Published by Tajik National University*

<https://doi.org/10.15468/qwfnw9>

The Herbarium Fund of the Institute of Botany, Plant Physiology and Genetics at the Tajikistan National Academy of Sciences - BRAHMS records. *Published by Institute of Botany, Plant Physiology and Genetics, National Academy of Sciences of Tajikistan*

<https://doi.org/10.15468/ntdjg9>

See all datasets from this country or area: [gbif.org/dataset/search?publishing\\_country=TJ](https://gbif.org/dataset/search?publishing_country=TJ)

## Newest publishers from Tajikistan

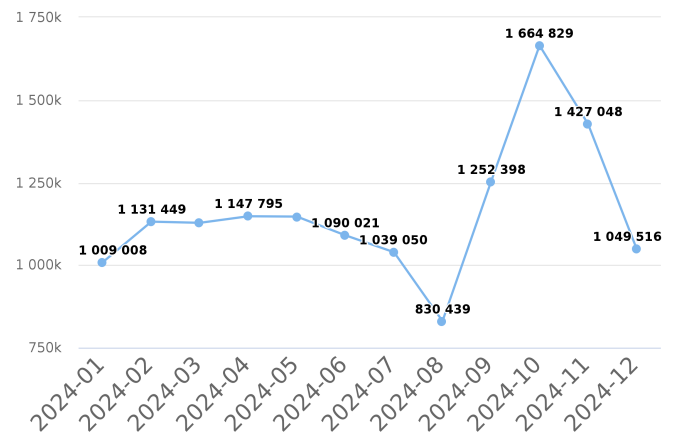
Khatlon Scientific Center of the National Academy of Sciences of Tajikistan

Tajik National University

Institute of Botany, Plant Physiology and Genetics, National Academy of Sciences of Tajikistan

See all publishers from this country or area  
[gbif.org/publisher/search?country=TJ](https://gbif.org/publisher/search?country=TJ)

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

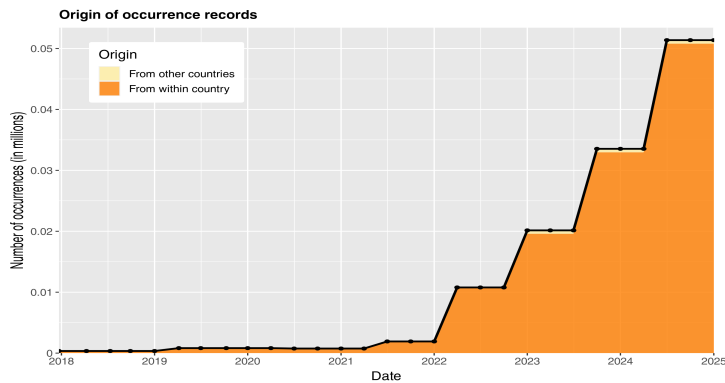


Number of occurrence records downloaded via GBIF.org published by institutions in Tajikistan

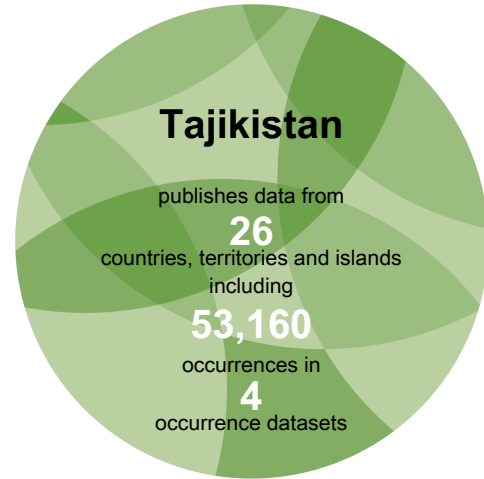


## Data mobilization

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



Data sharing with country or area of origin



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

### Top data contributors about biodiversity in Tajikistan

Rank	Country or area	No. of occurrences
1	Tajikistan	50,837
2	Russian Federation	14,927
3	United States of America	11,506
4	Poland	9,717
5	Estonia	9,646
6	Colombia	6,820
7	International organization or unknown country	5,595
8	Switzerland	3,874
9	United Kingdom	3,117
10	Germany	2,736

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

### Top datasets contributing data about Tajikistan

EOD – eBird Observation Dataset. *41,661 occurrences in Tajikistan.* (Last updated 27 Sep 2024)

Moscow University Herbarium (MW). *10,420 occurrences in Tajikistan.* (Last updated 31 Dec 2024)

The Herbarium Fund of the Institute of Botany, Plant Physiology and Genetics at the Tajikistan National Academy of Sciences - BRAHMS records. *8,785 occurrences in Tajikistan.* (Last updated 30 Dec 2023)

OPUN - Middle Asia. *7,593 occurrences in Tajikistan.* (Last updated 21 May 2024)

A global database for the distributions of crop wild relatives. *6,820 occurrences in Tajikistan.* (Last updated 9 Feb 2024)

See all contributing countries and areas or datasets: [gbif.org/country/TJ/about](https://gbif.org/country/TJ/about)



## Tajikistan participates in the following projects coordinated by GBIF

Kick-starting the biodiversity data publication process for Tajikistan

*Capacity Enhancement Support Programme, 2022–2023*

<https://www.gbif.org/project/CESP2022-001>

GBIF in Central Asia: new aspects of development

*Capacity Enhancement Support Programme, 2023–2024*

<https://www.gbif.org/project/CESP2023-007>

See all GBIF projects

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