

generated January 2026

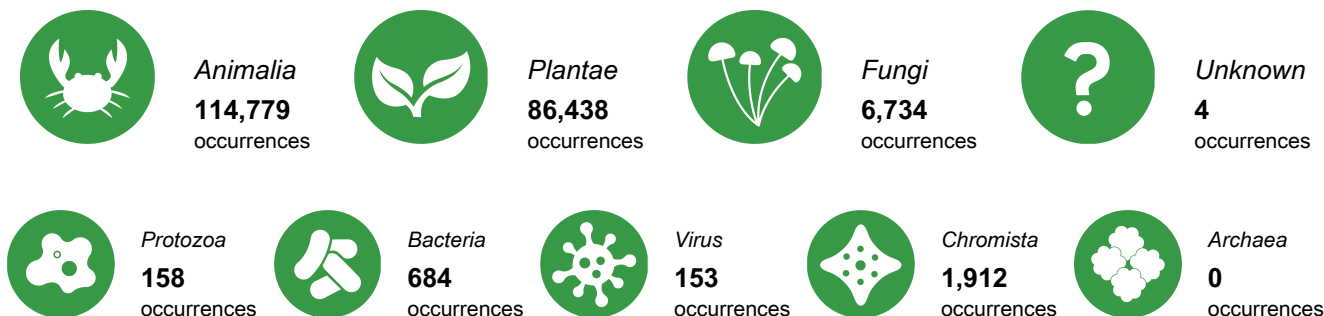
Uzbekistan

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 Uzbekistan. 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.

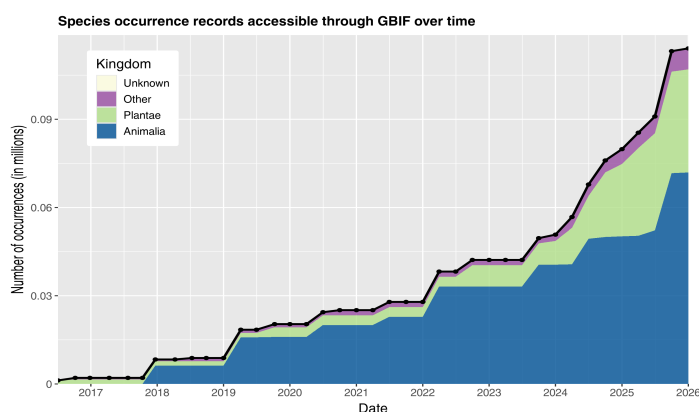
► Access and usage



► Data availability in Uzbekistan



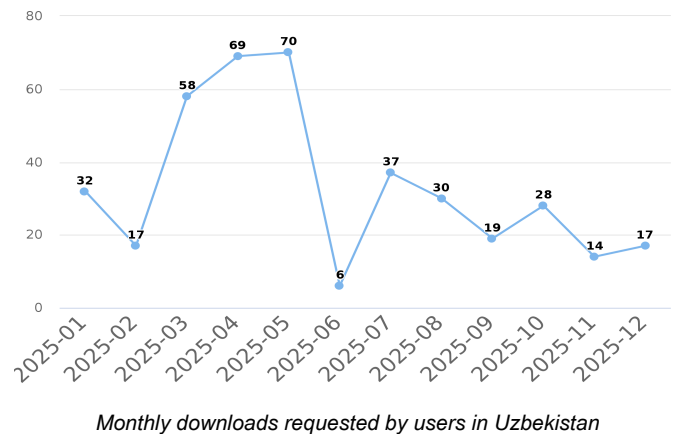
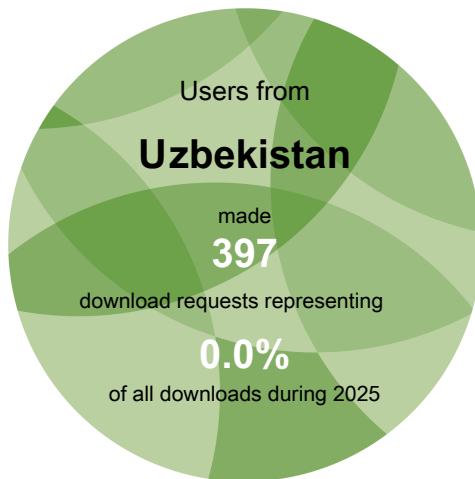
► Data mobilization



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

Access and usage

Data downloads on GBIF.org from users in Uzbekistan



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

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 Uzbekistan.

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

Yusupov, Turginov, Karimov *et al.* (2025) *Fritillaria yakutiae* sp. nov. (Liliaceae) from Surkhandarya, Uzbekistan. *Nordic Journal of Botany*.
<https://doi.org/10.1002/njb.04813>

Tojibaev, Yusupov, Sennikov *et al.* (2025) *Iris anvarbekii* (Iridaceae), a new species of I. subg. *Scorpiris* from the southern Pamir-Alay in Uzbekistan. *Nordic Journal of Botany*.
<https://doi.org/10.1002/njb.04860>

Volis†. (2025) Ex situ conservation and species distribution modelling: what the latter can and what cannot predict. *Israel Journal of Ecology and Evolution*.
<https://doi.org/10.1163/22244662-bja10096>

Aimenova, Matchanov, Duissebayev *et al.* (2024) DISTRIBUTION OF *ERANTHIS LONGISTIPITATA* REGEL IN THE TERRITORY OF CENTRAL ASIA. *Experimental Biology*.
<https://doi.org/10.26577/bb.2024.v100.i3.03>

ERGASHOV, YUSUPOV, TOSHTEMIROV *et al.* (2025) Evaluating the vulnerability of endangered *Allium* species (Amaryllidaceae) to climate change in Central Asia. *Analele Universității din Oradea, Fascicula Biologie*.

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

Data availability

Total data available for selected taxonomic groups in Uzbekistan



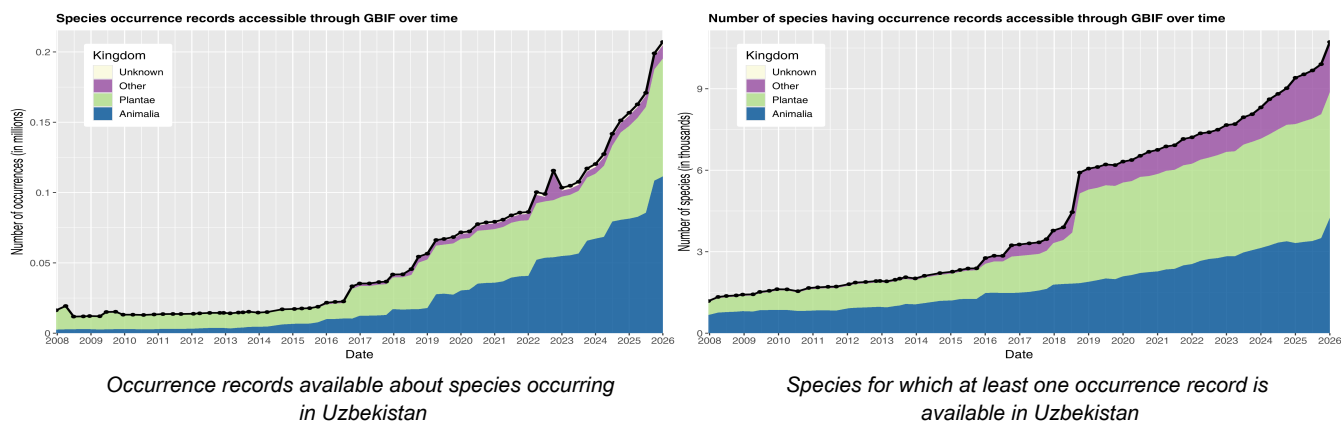
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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 Uzbekistan



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 Uzbekistan

Flora of the Central Fergana Botanical and Geographical District. *Published by Institute of Botany of the Academy of Sciences of the Republic of Uzbekistan*
<https://doi.org/10.15468/mmb9hd>

The genus *Monilinia* in Uzbekistan. *Published by Institute of Botany of the Academy of Sciences of the Republic of Uzbekistan*
<https://doi.org/10.15468/6gnqut>

Fauna and ecology of pyralid moths (Lepidoptera: Pyralidae) of Southern Fergana. *Published by Institute of Botany of the Academy of Sciences of the Republic of Uzbekistan*
<https://doi.org/10.15468/cegrmm>

Natural sources and associated problems of *Glycyrrhiza glabra* L.. *Published by Institute of Botany of the Academy of Sciences of the Republic of Uzbekistan*
<https://doi.org/10.15468/uteq7p>

Micromycetes of Higher Plants in the Surkhan State Nature Reserve and the Impact of Major Pathogens on Vegetation. *Published by Institute of Botany of the Academy of Sciences of the Republic of Uzbekistan*
<https://doi.org/10.15468/3k2dwd>

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

Newest publishers from Uzbekistan

Juru

Surhanskiy State Nature Reserve

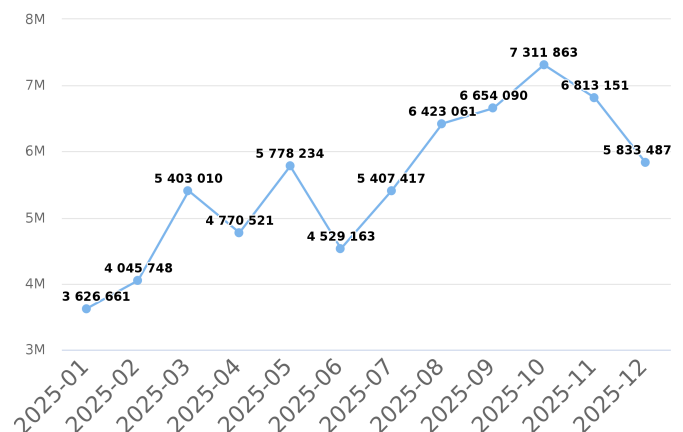
Institute of Botany of the Academy of Sciences of the Republic of Uzbekistan

Nurata nature reserve

Academy of Sciences of the Republic of Uzbekistan
institute of the Gene pool of plants and Animals

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

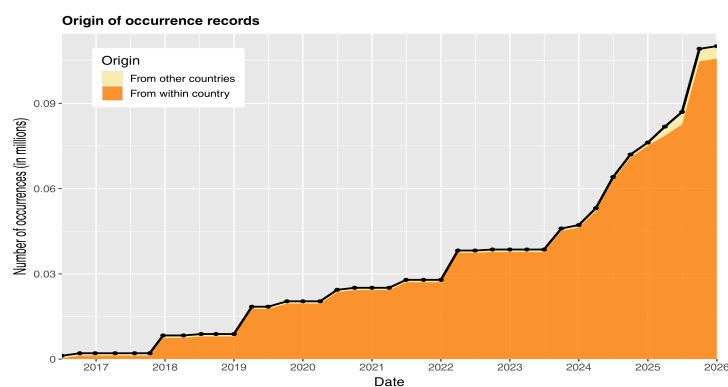
Occurrence records downloaded from GBIF.org, published by institutions in Uzbekistan



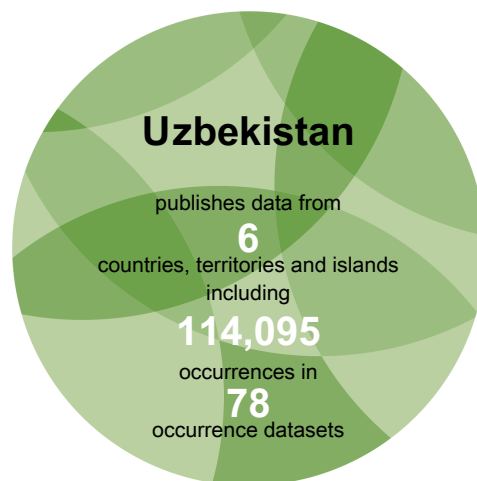
Number of occurrence records downloaded via
GBIF.org published by institutions in Uzbekistan

Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Uzbekistan

Rank	Country or area	No. of occurrences
1	Uzbekistan	105,743
2	United States of America	34,951
3	Russian Federation	18,919
4	Colombia	9,828
5	International organization or unknown country	9,511
6	Estonia	6,161
7	United Kingdom	5,573
8	Germany	4,193
9	Sweden	3,569
10	Switzerland	2,204

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

Top datasets contributing data about Uzbekistan

EOD – eBird Observation Dataset. 68,278 occurrences in Uzbekistan. (Last updated 29 Oct 2025)

iNaturalist Research-grade Observations. 26,508 occurrences in Uzbekistan. (Last updated 31 Dec 2025)

Moscow University Herbarium (MW). 12,062 occurrences in Uzbekistan. (Last updated 1 Jan 2026)

A global database for the distributions of crop wild relatives. 9,826 occurrences in Uzbekistan. (Last updated 9 Feb 2024)

EURISCO, The European Genetic Resources Search Catalogue. 6,026 occurrences in Uzbekistan. (Last updated 9 Mar 2018)

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



Uzbekistan participates in the following projects coordinated by GBIF

Expanding FAIR biodiversity data practices in Central Asia via regional workshops and collaborative networks

Capacity Enhancement Support Programme, 2025–2027

<https://www.gbif.org/project/CESP2025-004>

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)