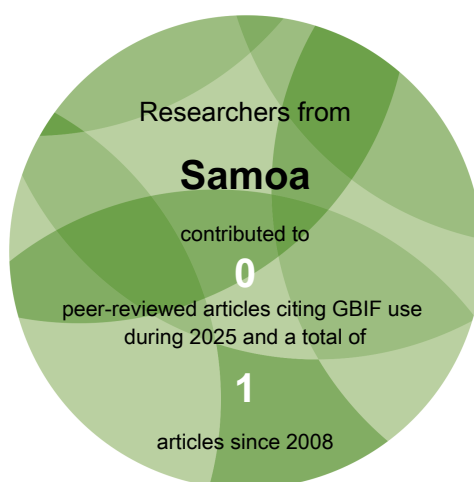


generated January 2026

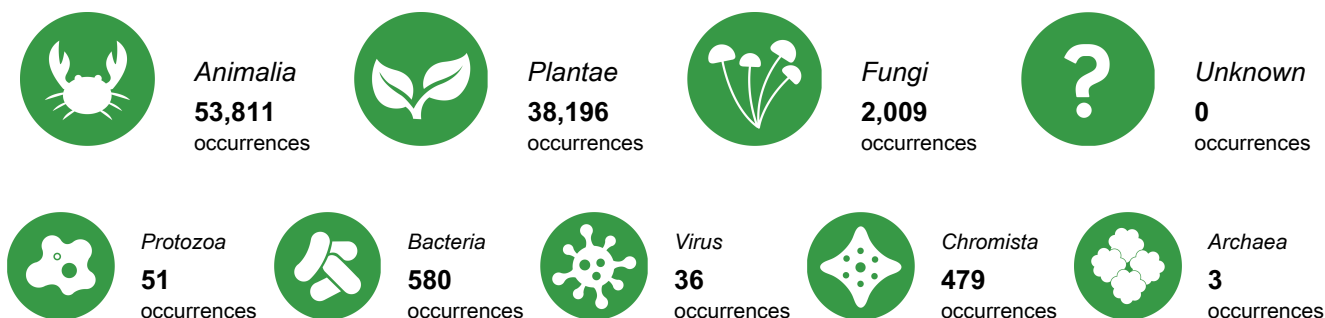
Samoa

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 Samoa. 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.

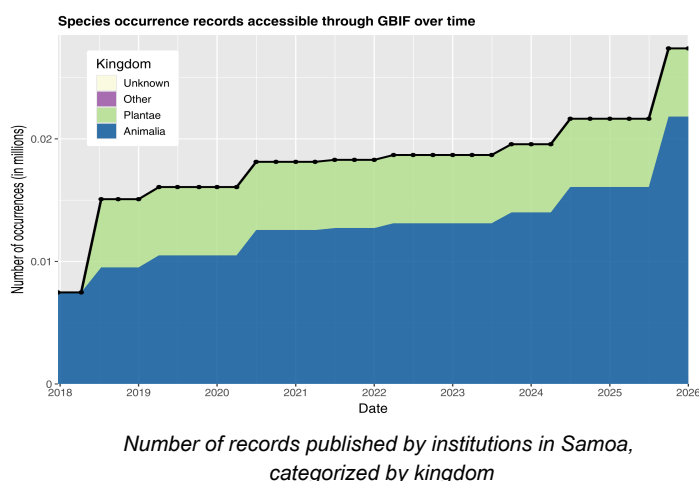
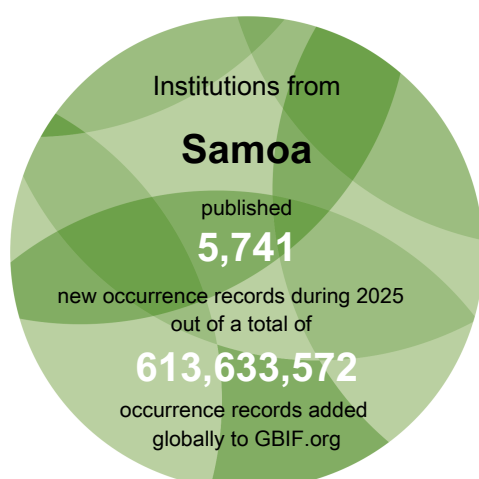
► Access and usage



► Data availability in Samoa



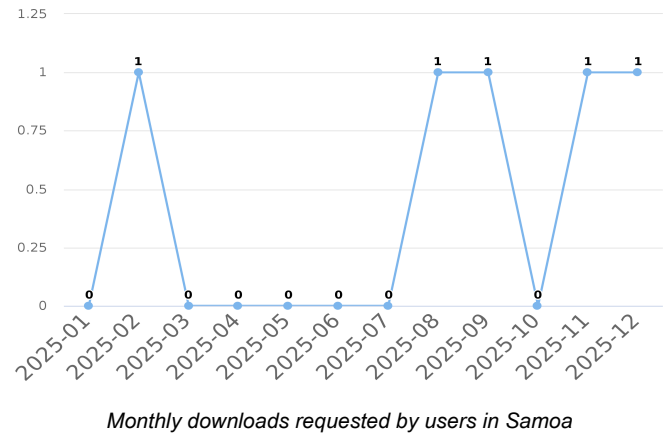
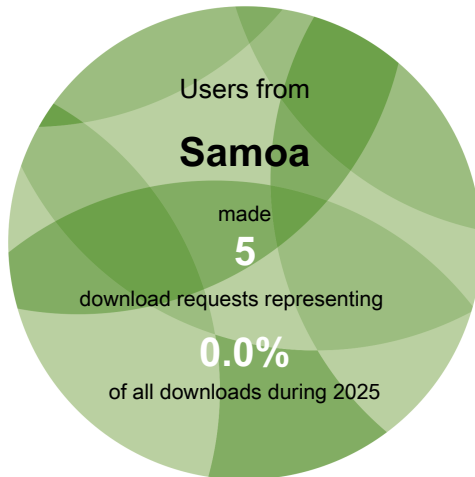
► Data mobilization





Access and usage

Data downloads on GBIF.org from users in Samoa



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

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 Samoa.

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

McDonald, Brown, Kraus *et al.* (2022) Cryptic extinction risk in a western Pacific lizard radiation. *Biodiversity and Conservation*.
<https://doi.org/10.1007/s10531-022-02412-x>

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



Data availability

Total data available for selected taxonomic groups in Samoa



Mammals
356
occurrences



Birds
24,142
occurrences



Bony fish
8,676
occurrences



Amphibians
2
occurrences



Insects
5,189
occurrences



Reptiles
1,493
occurrences



Molluscs
7,960
occurrences



Arachnids
248
occurrences



Flowering plants
26,339
occurrences



Ferns
7,782
occurrences



Gymnosperms
25
occurrences



Mosses
2,263
occurrences



Sac fungi
1,191
occurrences



Basidiomycota
739
occurrences

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

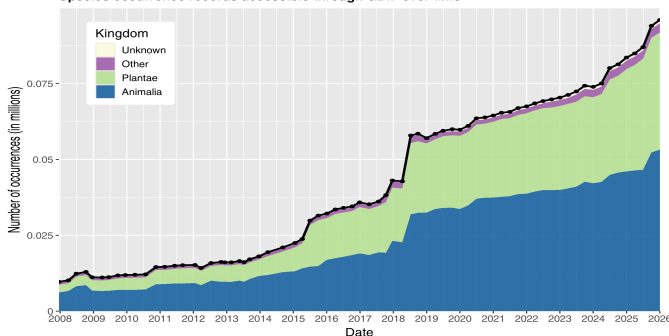
Insects = Class *Insecta*
Reptiles = Class *Testudines*,
Sphenodontia, *Squamata* &
Crocodylia
Molluscs = Phylum *Mollusca*

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

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

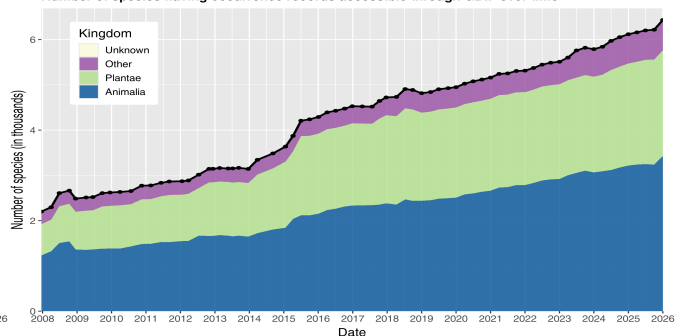
Change over time in records about biodiversity in Samoa

Species occurrence records accessible through GBIF over time



Occurrence records available about species occurring in Samoa

Number of species having occurrence records accessible through GBIF over time



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

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 Samoa

Samoa Biodiversity Database. *Published by Ministry of Natural Resources and Environment (MNRE)*

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

Mt Vaea Restoration Project 2007. *Published by Ministry of Natural Resources and Environment (MNRE)*

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

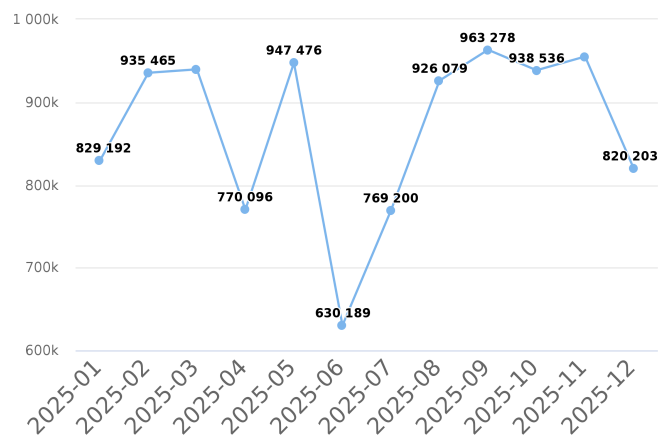
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=WS

Newest publishers from Samoa

Ministry of Natural Resources and Environment (MNRE)

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

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

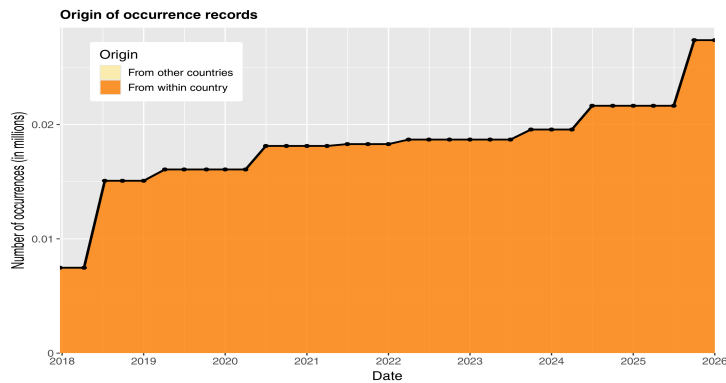


Number of occurrence records downloaded via
GBIF.org published by institutions in Samoa

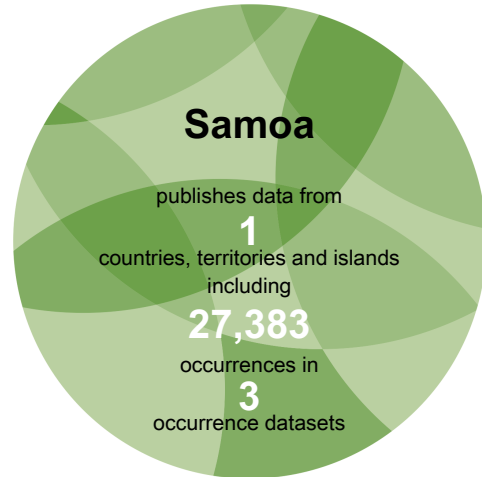


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Samoa

Rank	Country or area	No. of occurrences
1	United States of America	31,489
2	Samoa	27,383
3	United Kingdom	10,932
4	New Caledonia	7,139
5	New Zealand	5,001
6	Australia	4,313
7	Netherlands	1,799
8	Sweden	1,745
9	Germany	1,447
10	France	1,028

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

Top datasets contributing data about Samoa

EOD – eBird Observation Dataset. 19,776 occurrences in Samoa. (Last updated 29 Oct 2025)

Samoa Biodiversity Database. 7,539 occurrences in Samoa. (Last updated 2 May 2018)

NMNH Extant Specimen Records (USNM, US). 7,069 occurrences in Samoa. (Last updated 2 Jan 2026)

Bernice P. Bishop Museum. 6,921 occurrences in Samoa. (Last updated 31 May 2017)

Royal Botanic Gardens, Kew - Herbarium Specimens. 6,423 occurrences in Samoa. (Last updated 2 Jan 2026)

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



Samoa participates in the following projects coordinated by GBIF

Strengthening processes for invasive species and biodiversity data mobilization in the Pacific region

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-PA2020-004-REG>

Using invasive species and biodiversity data for decision-making in the Pacific region

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-PA2020-003-USE>

Building capacity at SPREP for data mobilization and use

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-PA2020-002-INS>

Regional and national alien and invasive species data mobilization and capacity building in the Pacific

BID: Biodiversity Information for Development, 2017–2019

This project seeks to establish a more seamless flow of high-quality data on alien and invasive species to users and stakeholders at every scale of society.

<https://www.gbif.org/project/83306>

See all GBIF projects

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