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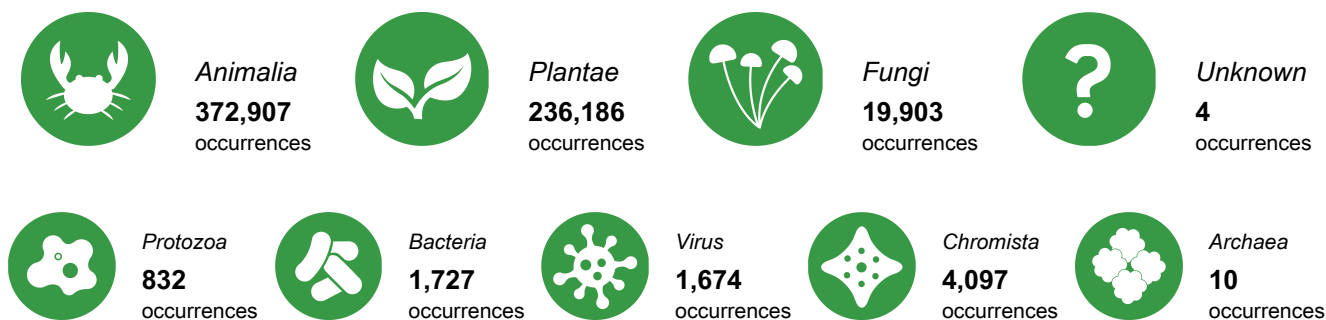
Côte d'Ivoire

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 Côte d'Ivoire. 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.

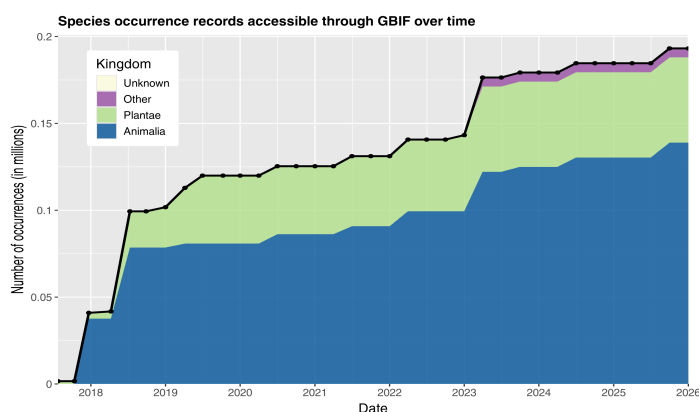
► Access and usage



► Data availability in Côte d'Ivoire



► Data mobilization

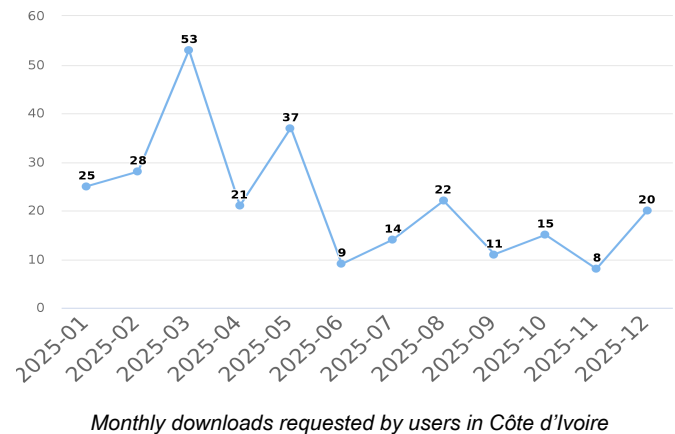
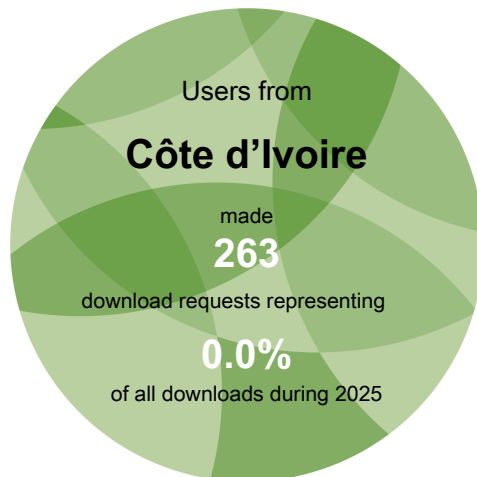


Number of records published by institutions in Côte d'Ivoire, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Côte d'Ivoire



Recent peer-reviewed articles using GBIF-mediated data by co-authors based in Côte d'Ivoire

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 Côte d'Ivoire.

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

Gbadamassi, Vodounnon, Badjana *et al.* (2025) Ecological niche modeling of *Prosopis africana* (Guill., Perrot., and Rich.) Taub in Togo, West Africa under current and future climate conditions. *Discover Environment*.

<https://doi.org/10.1007/s44274-025-00230-w>

Agboka, Soro, Agboka *et al.* (2024) Identification of Potential Future Areas for Sustainable Cashew (*Anacardium occidentale* L.) Nut Production in Togo Using the Maxent Model. *Journal of Geography, Environment and Earth Science International*.

<https://doi.org/10.9734/jgeesi/2024/v28i8802>

Zon, Edouard Kouassi, Porembski *et al.* (2025) Species distribution models and climate niche factors unravel the vulnerability of wild palm species (Arecaceae) to climate change in Burkina Faso (West Africa). *Journal for Nature Conservation*.

<https://doi.org/10.1016/j.jnc.2025.126866>

Tokannou, Sanogo, Houndonougbo *et al.* (2025) Three decades of research efforts on the uses, conservation, and management of *Cola nitida* (Vent.): State of knowledge and prospects in Africa. *Forestry Studies*.

<https://doi.org/10.2478/fsmu-2024-0004>

Anthelme, Djaha, Mathieu *et al.* (2024) Modeling Ecological Niches And Sustainable Management Of *Piper Guineense* In Côte d'Ivoire For

Conservation And Domestication. *IOSR Journal of Environmental
Science Toxicology and Food Technology*.
<https://doi.org/10.9790/2402-1811012732>



Data availability

Total data available for selected taxonomic groups in Côte d'Ivoire



Mammals
30,367
occurrences



Birds
92,825
occurrences



Bony fish
37,786
occurrences



Amphibians
17,990
occurrences



Insects
154,486
occurrences



Reptiles
3,115
occurrences



Molluscs
1,886
occurrences



Arachnids
13,082
occurrences



Flowering plants
227,558
occurrences



Ferns
5,001
occurrences



Gymnosperms
48
occurrences



Mosses
890
occurrences



Sac fungi
8,128
occurrences



Basidiomycota
10,044
occurrences

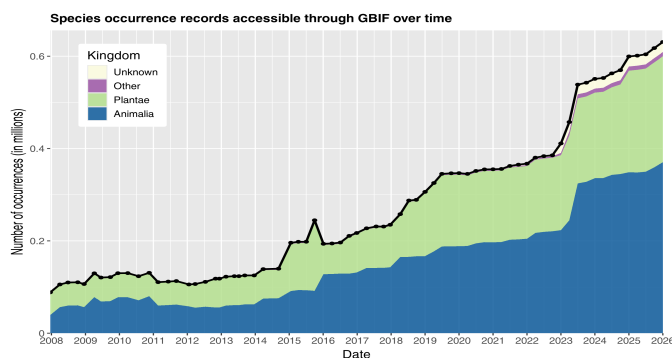
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

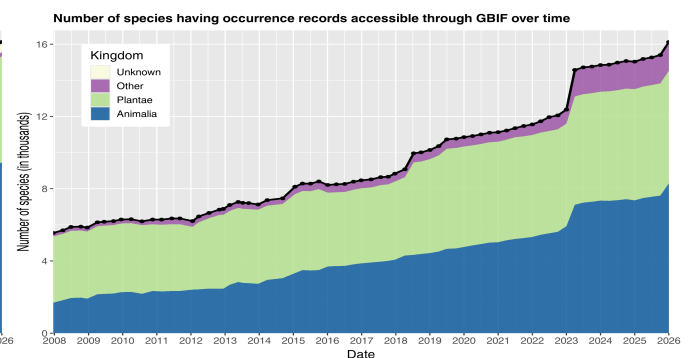
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Côte d'Ivoire



Occurrence records available about species occurring in Côte d'Ivoire



Species for which at least one occurrence record is available in Côte d'Ivoire

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 Côte d'Ivoire

Données d'occurrence d'algues et divers organismes uni et pluricellulaires des cours d'eaux de Côte d'Ivoire. *Published by Centre National de Floristique*
<https://doi.org/10.15468/4ks4g8>

Données d'occurrence de quelques Phytovirus rencontrés en Côte d'Ivoire. *Published by Centre National de Floristique*
<https://doi.org/10.15468/vmxgjb>

Données d'occurrence de quelques mollusques de Côte d'Ivoire. *Published by Centre National de Floristique*
<https://doi.org/10.15468/nb5dyd>

Données d'occurrence de quelques espèces de la faune du sol de Côte d'Ivoire. *Published by Centre National de Floristique*
<https://doi.org/10.15468/wzzb82>

Données d'occurrence de quelques espèces végétales de conservation de Côte d'Ivoire. *Published by Centre National de Floristique*
<https://doi.org/10.15468/beb6ek>

Données d'occurrence de quelques espèces animales de conservation de Côte d'Ivoire. *Published by Centre National de Floristique*
<https://doi.org/10.15468/gtn9k8>

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

Newest publishers from Côte d'Ivoire

Station d'Ecologie de Lamto

Centre Suisse de Recherches Scientifiques en Côte d'Ivoire

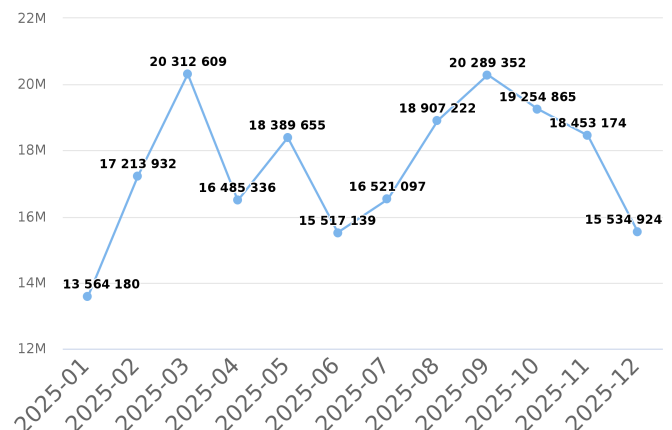
Université Jean Lorougnon Guédé

INSTITUT BOTANIQUE AKE-ASSI D'ANDOKOI (IBAAN)

Centre National de Floristique

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

Occurrence records downloaded from GBIF.org, published by institutions in Côte d'Ivoire

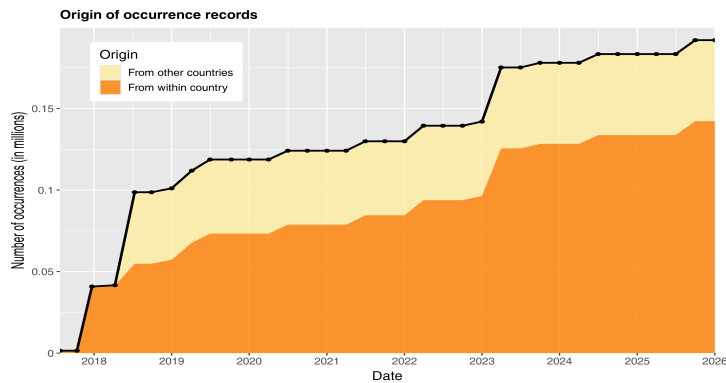


Number of occurrence records downloaded via GBIF.org published by institutions in Côte d'Ivoire

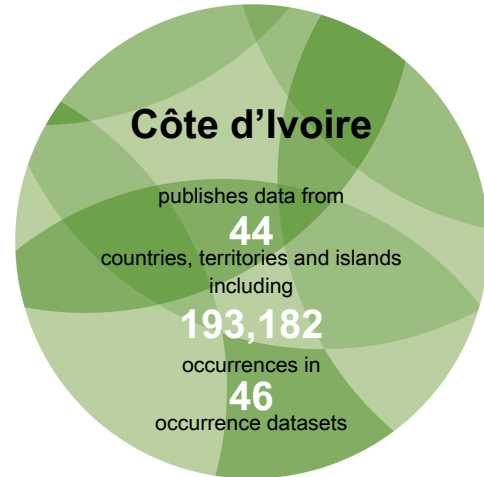


Data mobilization

Data sharing with country or area of origin by national institutions in Côte d'Ivoire



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Côte d'Ivoire

Rank	Country or area	No. of occurrences
1	Côte d'Ivoire	142,293
2	France	124,465
3	United Kingdom	76,341
4	United States of America	67,370
5	Netherlands	62,489
6	Belgium	44,876
7	Sweden	36,777
8	Estonia	21,172
9	Colombia	14,872
10	Togo	14,851

Table 1. Ranking of countries or areas contributing data about Côte d'Ivoire

Top datasets contributing data about Côte d'Ivoire

- EOD – eBird Observation Dataset. 75,299 occurrences in Côte d'Ivoire. (Last updated 29 Oct 2025)
- Natural History Museum (London) Collection Specimens. 61,293 occurrences in Côte d'Ivoire. (Last updated 14 Oct 2025)
- Anopheles collections in the health districts of Korhogo (Côte d'Ivoire) and Diébougou (Burkina Faso) (2016-2018). 57,716 occurrences in Côte d'Ivoire. (Last updated 17 May 2024)
- Naturalis Biodiversity Center (NL) - Botany. 52,545 occurrences in Côte d'Ivoire. (Last updated 23 Oct 2025)
- FishBase Database. 28,833 occurrences in Côte d'Ivoire. (Last updated 23 Mar 2023)

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



Côte d'Ivoire participates in the following projects coordinated by GBIF

Mobilization and strengthening of biodiversity data supporting sustainable development in Côte d'Ivoire

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-AF2020-128-NAC>

Development of a funding mechanism and efficient management of data on plant biodiversity in Côte d'Ivoire

BID: Biodiversity Information for Development, 2016–2018

This project sets up a mechanism for plant data management in Côte d'Ivoire.

<https://www.gbif.org/project/82698>

Extension and management of the reference collections of bee pollinators in West Africa

BID: Biodiversity Information for Development, 2017–2019

Our project is the first of its kind in West-Africa to monitor bee communities and their ecosystem service provision, e.g. the pollination of cash crops. We initiated the first reference collection of West-African bee pollinators in 2015, so far collected in the south-sudanian savannas of Burkina Faso and Ivory Coast.

This collection constitutes a solid scientific basis for further studies on pollination and will allow to integrate the use of pollinators into new management strategies of natural habitats and agricultural areas in West-Africa.

<https://www.gbif.org/project/1hmXE67R1UyuQlsyawWAKq>

See all GBIF projects

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