



generated January 2025

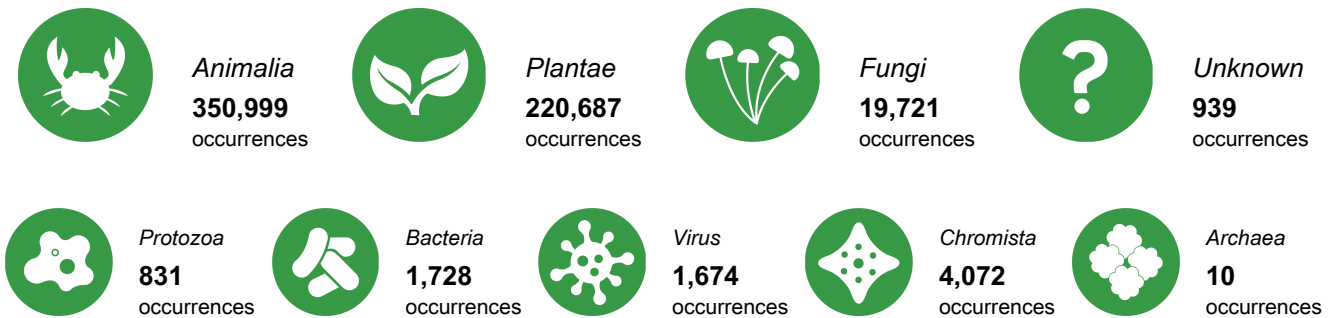
## Côte d'Ivoire

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.

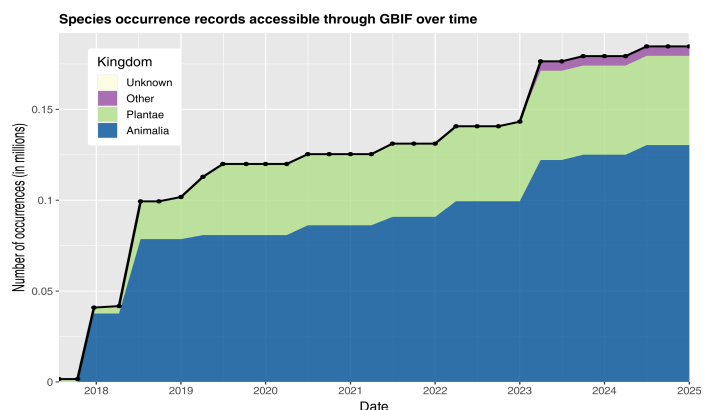
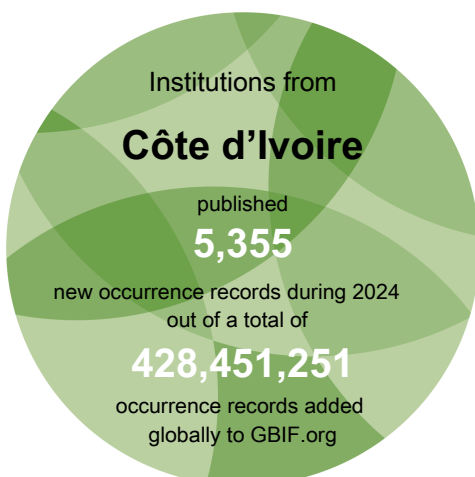
### ► Access and usage



### ► Data availability in Côte d'Ivoire



### ► Data mobilization

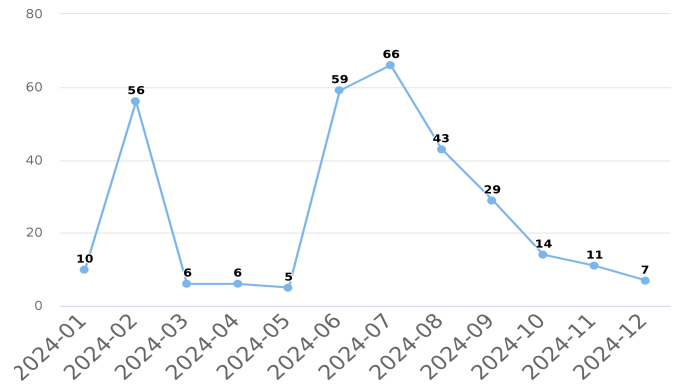
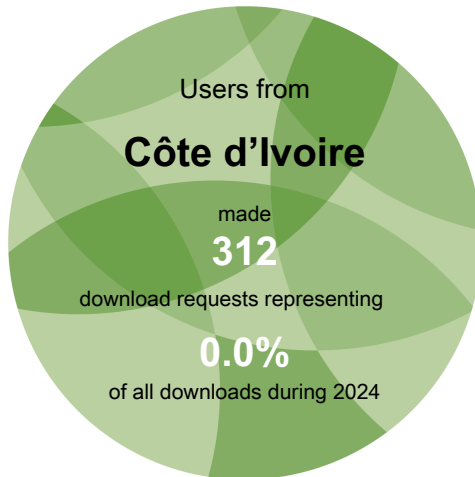


Number of records published by institutions in Côte d'Ivoire, categorized by kingdom



## Access and usage

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



Monthly downloads requested by 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](mailto:comms@gbif.org).

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>

Gnagbo, Adama Silue, Kouame. (2024) ECOLOGICAL NICHES AND IMPLICATIONS FOR REFORESTATION OF PTEROCARPUS ERINACEUS, KHAYA SENEGALENSIS AND ISOBERLINIA DOKA IN THE CLASSIFIED FORESTS OF NORTHERN COTE DIVOIRE. *International Journal of Advanced Research*.  
<https://doi.org/10.21474/ijar01/19661>

Taonda, Zerbo, Da *et al.* (2024) Potential distribution of Detarium microcarpum under different climate change scenarios in Burkina Faso. *Journal for Nature Conservation*.  
<https://doi.org/10.1016/j.jnc.2024.126737>

Kanda, Da, Maârrouhi *et al.* (2024) Assessment of Climate Change Impact on Future Distribution of Palm Trees in Niger, West Africa. *Discover Sustainability*.  
<https://doi.org/10.1007/s43621-024-00387-z>

Hordijk, Bialic-Murphy, Lauber *et al.* (2024) Dominance and rarity in tree communities across the globe: Patterns, predictors and threats. *Global Ecology and Biogeography*.





## Data availability

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



**Mammals**  
29,986  
occurrences



**Birds**  
83,444  
occurrences



**Bony fish**  
37,395  
occurrences



**Amphibians**  
17,672  
occurrences



**Insects**  
152,369  
occurrences



**Reptiles**  
2,979  
occurrences



**Molluscs**  
1,865  
occurrences



**Arachnids**  
4,098  
occurrences



**Flowering plants**  
212,509  
occurrences



**Ferns**  
4,621  
occurrences



**Gymnosperms**  
46  
occurrences



**Mosses**  
866  
occurrences



**Sac fungi**  
8,042  
occurrences



**Basidiomycota**  
9,938  
occurrences

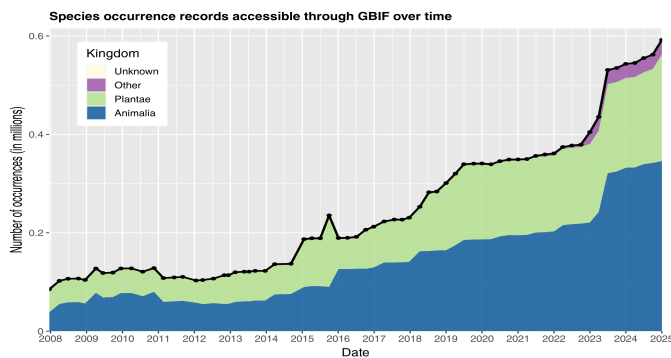
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

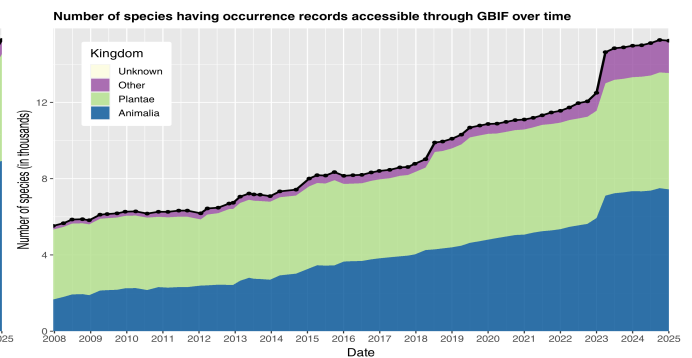
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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](https://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

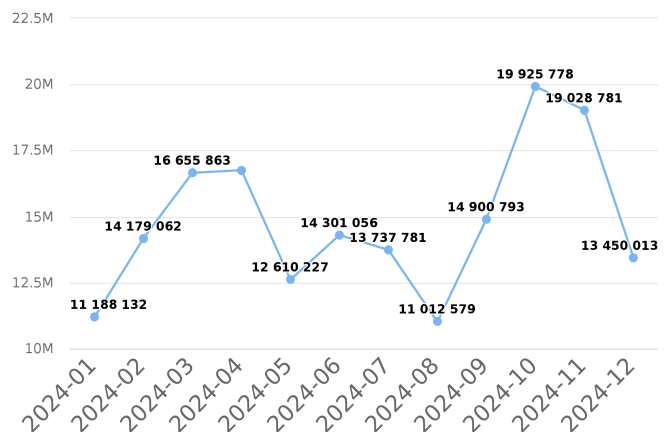
Université Jean Lorougnon Guédé

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](https://gbif.org/publisher/search?country=CI)

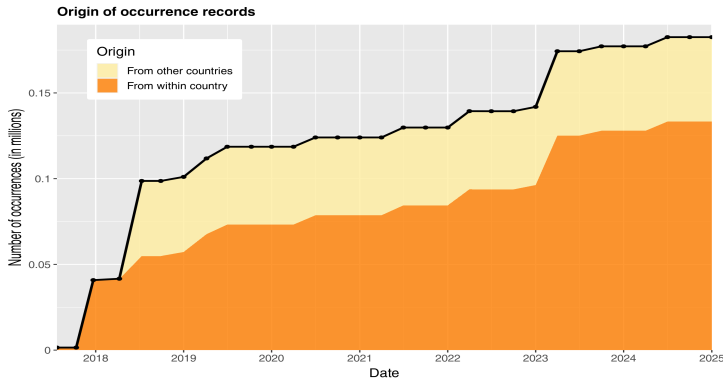
## Occurrence records downloaded from GBIF.org, published by institutions in Côte d'Ivoire



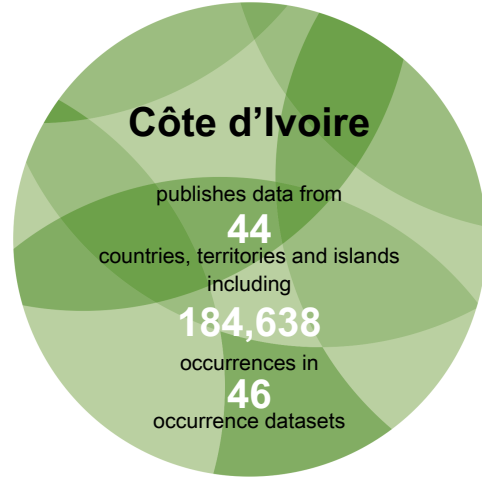
Number of occurrence records downloaded via GBIF.org published by institutions in Côte d'Ivoire

## 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	133,749
2	France	124,014
3	United Kingdom	73,298
4	Netherlands	61,269
5	United States of America	59,907
6	Belgium	35,601
7	Sweden	30,379
8	Estonia	21,172
9	Colombia	14,867
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. *66,755 occurrences in Côte d'Ivoire.* (Last updated 27 Sep 2024)

Natural History Museum (London) Collection Specimens. *62,251 occurrences in Côte d'Ivoire.* (Last updated 3 Jan 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. *52,502 occurrences in Côte d'Ivoire.* (Last updated 1 Nov 2024)

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](https://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)