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

Researchers from Côte d’Ivoire contributed to 3 peer-reviewed articles citing GBIF use during 2023 and a total of 13 articles since 2008.

▶ Data availability in Côte d’Ivoire

<table>
<thead>
<tr>
<th>Kingdom</th>
<th>Occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animalia</td>
<td>336,975</td>
</tr>
<tr>
<td>Plantae</td>
<td>186,445</td>
</tr>
<tr>
<td>Fungi</td>
<td>19,374</td>
</tr>
<tr>
<td>Unknown</td>
<td>895</td>
</tr>
<tr>
<td>Protozoa</td>
<td>831</td>
</tr>
<tr>
<td>Bacteria</td>
<td>1,716</td>
</tr>
<tr>
<td>Virus</td>
<td>1,674</td>
</tr>
<tr>
<td>Chromista</td>
<td>4,142</td>
</tr>
<tr>
<td>Archaea</td>
<td>10</td>
</tr>
</tbody>
</table>

▶ Data mobilization

Institutions from Côte d’Ivoire published 36,049 new occurrence records during 2023 out of a total of 355,993,458 occurrence records added globally to GBIF.org.

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

Users from Côte d’Ivoire made 151 download requests representing 0.0% of all downloads during 2023.

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.

Birhane, Gidey, Abraha et al. (2023) Impact of land-use and climate change on the population structure and distribution range of the rare and endangered Dracaena ombet and Dobera glabra in northern Ethiopia. Journal for Nature Conservation.
https://doi.org/10.1016/j.jnc.2023.126506

https://doi.org/10.4314/ijbcs.v17i3.17

Taconet, Zogo, Soma et al. (2023) Anopheles sampling collections in the health districts of Korhogo (Côte d’Ivoire) and Diébougou (Burkina Faso) between 2016 and 2018. Gigabyte.
https://doi.org/10.46471/gigabyte.83

https://doi.org/10.1016/j.tfp.2022.100359

https://doi.org/10.13057/biodiv/d231050
### Data availability

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

<table>
<thead>
<tr>
<th>Taxonomic Group</th>
<th>Number of Occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mammals</td>
<td>29,449</td>
</tr>
<tr>
<td>Birds</td>
<td>76,284</td>
</tr>
<tr>
<td>Bony fish</td>
<td>37,346</td>
</tr>
<tr>
<td>Amphibians</td>
<td>17,624</td>
</tr>
<tr>
<td>Insects</td>
<td>146,760</td>
</tr>
<tr>
<td>Reptiles</td>
<td>2,885</td>
</tr>
<tr>
<td>Molluscs</td>
<td>1,776</td>
</tr>
<tr>
<td>Arachnids</td>
<td>3,745</td>
</tr>
<tr>
<td>Flowering plants</td>
<td>178,817</td>
</tr>
<tr>
<td>Ferns</td>
<td>4,096</td>
</tr>
<tr>
<td>Gymnosperms</td>
<td>44</td>
</tr>
<tr>
<td>Mosses</td>
<td>890</td>
</tr>
<tr>
<td>Sac fungi</td>
<td>7,860</td>
</tr>
<tr>
<td>Basidiomycota</td>
<td>9,820</td>
</tr>
</tbody>
</table>

**Taxonomic Ranks**

- Mammals = Class Mammalia
- Birds = Class Aves
- 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**

**Number of species having occurrence records accessible through GBIF over time**

**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

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

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

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**

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

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Côte d’Ivoire</td>
<td>128,394</td>
</tr>
<tr>
<td>2</td>
<td>France</td>
<td>122,109</td>
</tr>
<tr>
<td>3</td>
<td>United Kingdom</td>
<td>64,555</td>
</tr>
<tr>
<td>4</td>
<td>Netherlands</td>
<td>59,404</td>
</tr>
<tr>
<td>5</td>
<td>Belgium</td>
<td>35,593</td>
</tr>
<tr>
<td>6</td>
<td>United States of America</td>
<td>32,792</td>
</tr>
<tr>
<td>7</td>
<td>Sweden</td>
<td>30,370</td>
</tr>
<tr>
<td>8</td>
<td>Estonia</td>
<td>21,172</td>
</tr>
<tr>
<td>9</td>
<td>Colombia</td>
<td>14,867</td>
</tr>
<tr>
<td>10</td>
<td>Togo</td>
<td>14,730</td>
</tr>
</tbody>
</table>

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. 61,400 occurrences in Côte d’Ivoire.** (Last updated 20 Aug 2023)
- **Natural History Museum (London) Collection Specimens. 59,295 occurrences in Côte d’Ivoire.** (Last updated 19 Dec 2023)
- **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 2 May 2023)
- **Naturalis Biodiversity Center (NL) - Botany. 52,511 occurrences in Côte d’Ivoire.** (Last updated 12 Dec 2023)
- **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](http://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/1hmXE67R1UyuQIsyawWAKq

See all GBIF projects

gbif.org/resource/search?content_type=project