

# Strengthening Zimbabwe's GBIF node through collaboration with GBIF Spain

CESP PROJECT. 5-6 MARCH 2020. BINDURA ZIMBABWE



MINISTERIO  
DE CIENCIA  
E INNOVACIÓN



**CSIC**  
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS

**Gbif.es**



**GBIF**

# Work materials

The workshop agenda and materials are online accessible at the following...



...*Google Drive* link

<https://bit.ly/3ammBiY>



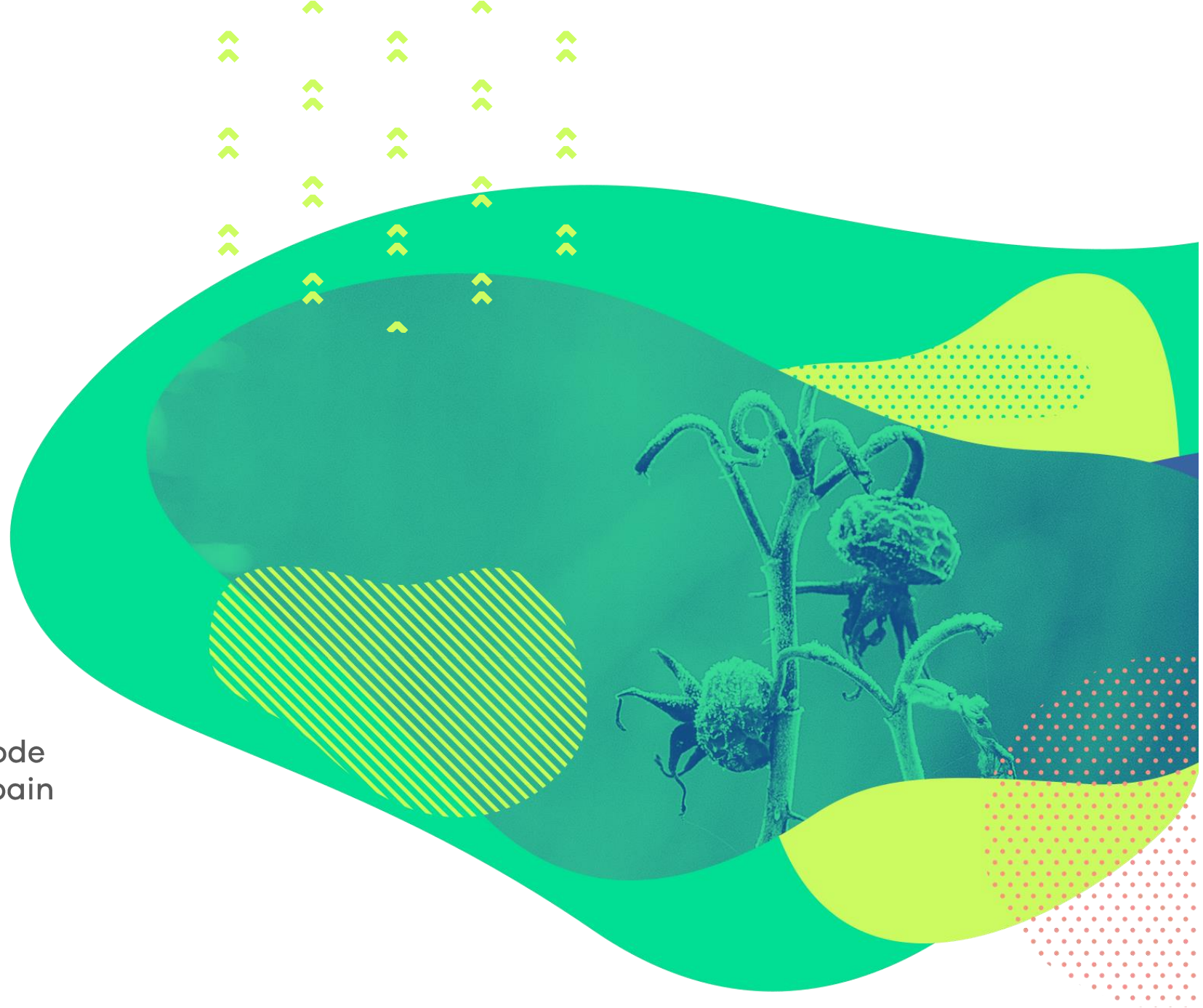
# GBIF.org

## HOMEPAGE

Strengthening Zimbabwe's GBIF node  
through collaboration with GBIF Spain

Miguel Vega  
miguel.vega@gbif.es

**Gbif.es**





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## International Biodiversity Data Portal – HOMEPAGE (upper section)

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



The screenshot shows the GBIF homepage with a background image of a brown house snake. The header includes navigation links: Get data, How-to, Tools, Community, and About. A search bar and a Login button are in the top right. The main heading is 'Acceso libre y gratuito a los datos de biodiversidad'. Below this is a green navigation bar with links to OCCURRENCES, SPECIES, DATASETS, PUBLISHERS, and RESOURCES. A search bar is positioned below the navigation bar. At the bottom, there are four statistics: Occurrence records (1.388.347.699), Datasets (50.727), Publishing institutions (1569), and Peer-reviewed papers using data (4290).

GBIF | Global Biodiversity Information Facility

# Acceso libre y gratuito a los datos de biodiversidad

OCCURRENCES SPECIES DATASETS PUBLISHERS RESOURCES

Search

WHAT IS GBIF? ABOUT GBIF SPAIN

Brown house snake (*Boaedon fuliginosus*) observed in Tokpli, Togo by Eric (toganim). Photo via iNaturalist (CC BY-NC 4.0)

Occurrence records	Datasets	Publishing institutions	Peer-reviewed papers using data
1.388.347.699	50.727	1569	4290



## International Biodiversity Data Portal – HOMEPAGE (upper section)

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

The screenshot shows the GBIF homepage with a background image of a brown house snake. The top navigation bar includes links for 'Get data', 'How-to', 'Tools', 'Community', and 'About', along with a 'Login' button. The main heading reads 'Acceso libre y gratuito a los datos de biodiversidad'. Below this is a green navigation bar with links for 'OCCURRENCES', 'SPECIES', 'DATASETS', 'PUBLISHERS', and 'RESOURCES'. A search bar is positioned below the navigation bar. At the bottom, four statistics are displayed: Occurrence records (1.388.347.699), Datasets (50.727), Publishing institutions (1569), and Peer-reviewed papers using data (4290).

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## International Biodiversity Data Portal – HOMEPAGE (upper section)

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



The screenshot shows the GBIF homepage with a background image of a brown house snake. The GBIF logo is circled in red in the top left corner. The navigation bar includes links for 'Get data', 'How-to', 'Tools', 'Community', and 'About'. On the right, there are icons for a heart, a magnifying glass, a speech bubble, and a 'Login' button. The main heading reads 'Acceso libre y gratuito a los datos de biodiversidad'. Below this is a green navigation bar with links for 'OCCURRENCES', 'SPECIES', 'DATASETS', 'PUBLISHERS', and 'RESOURCES'. A search bar is positioned below the navigation bar. At the bottom, there are four statistics: 'Occurrence records 1.388.347.699', 'Datasets 50.727', 'Publishing institutions 1569', and 'Peer-reviewed papers using data 4290'. A small caption at the bottom right of the snake image reads: 'Brown house snake (*Boaedon fuliginosus*) observed in Tokpli, Togo by Eric (toganim). Photo via iNaturalist (CC BY-NC 4.0)'.

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## International Biodiversity Data Portal – HOMEPAGE (upper section)

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



The screenshot shows the GBIF homepage with a background image of a brown house snake. The 'Get data' menu is highlighted with a red circle. The main navigation bar includes 'Get data', 'How-to', 'Tools', 'Community', and 'About'. The 'Get data' dropdown menu lists 'Occurrences', 'Species', 'Datasets', and 'Trends'. Below the navigation bar, there is a green bar with 'OCCURRENCES', 'SPECIES', 'DATASETS', 'PUBLISHERS', and 'RESOURCES'. A search bar is located below this bar. At the bottom, there is a statistics section with four columns: Occurrence records (1.388.349.390), Datasets (50.729), Publishing institutions (1569), and Peer-reviewed papers using data (4290).

Get data | How-to | Tools | Community | About

Occurrences | Species | Datasets | Trends

OCCURRENCES | SPECIES | DATASETS | PUBLISHERS | RESOURCES

Search

WHAT IS GBIF? | ABOUT GBIF SPAIN

Occurrence records  
1.388.349.390

Datasets  
50.729

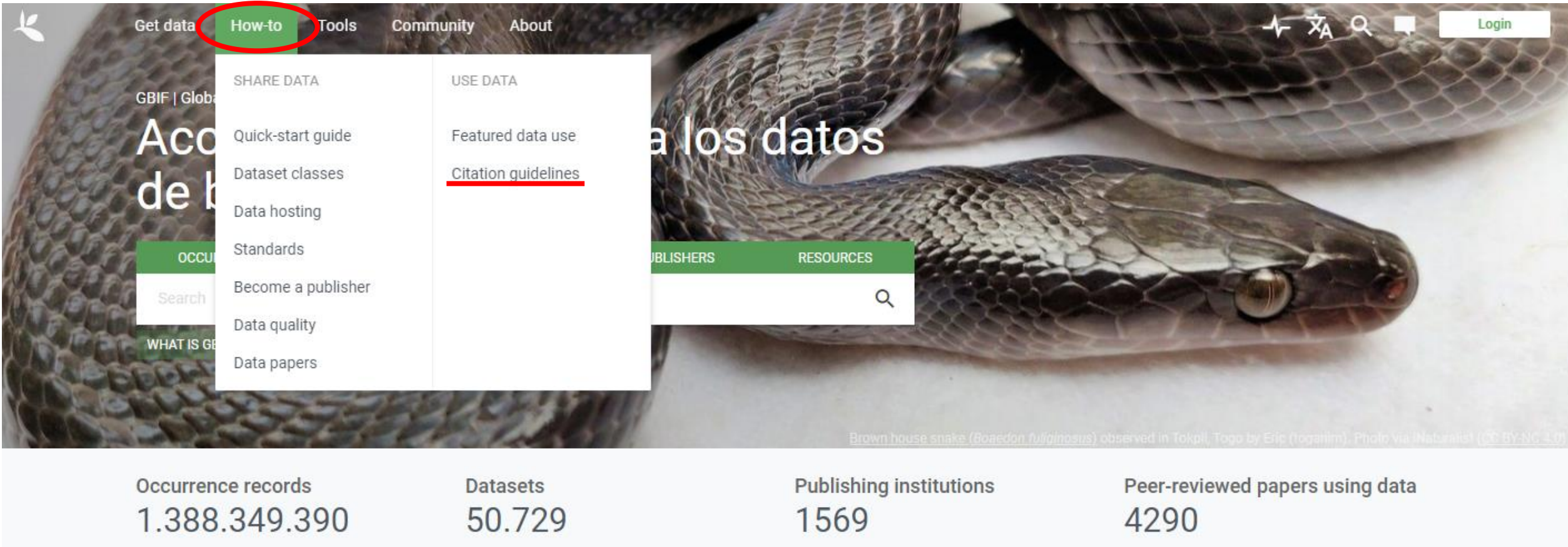
Publishing institutions  
1569

Peer-reviewed papers using data  
4290



## International Biodiversity Data Portal – HOMEPAGE (upper section)

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

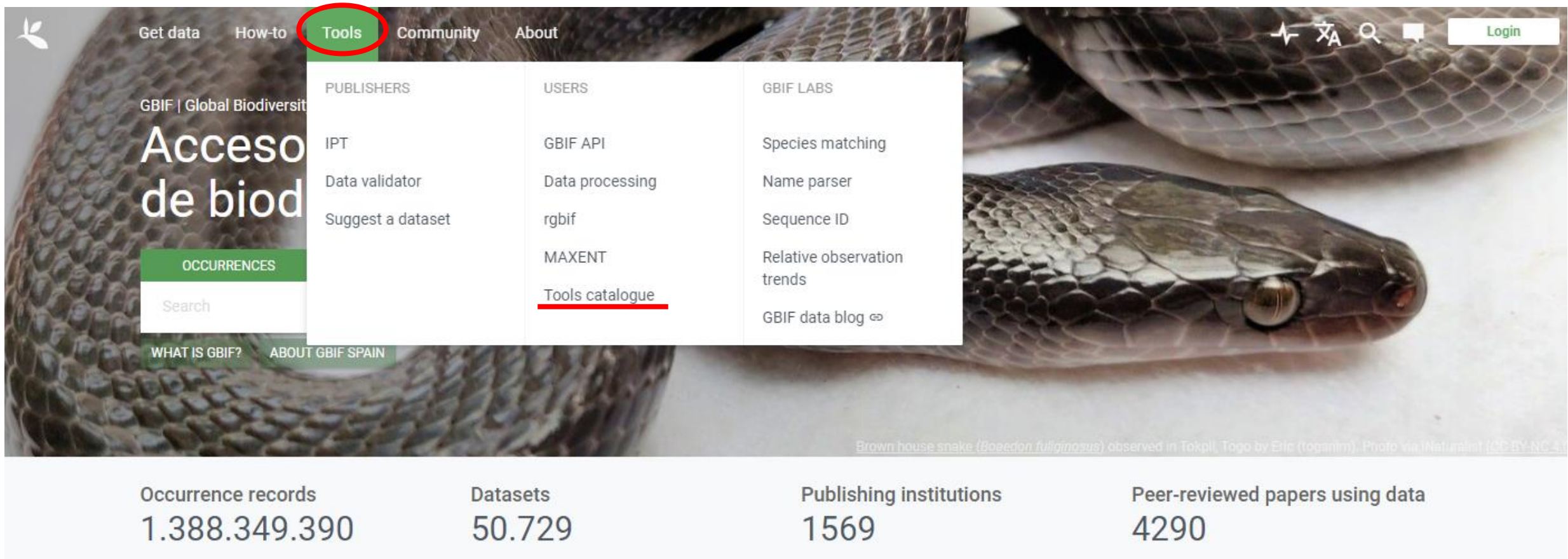


The screenshot displays the GBIF homepage with a background image of a brown house snake. The navigation bar includes links for 'Get data', 'How-to' (highlighted with a red circle), 'Tools', 'Community', and 'About'. A dropdown menu for 'How-to' is open, showing two columns of links: 'SHARE DATA' (Quick-start guide, Dataset classes, Data hosting, Standards, Become a publisher, Data quality, Data papers) and 'USE DATA' (Featured data use, Citation guidelines). Below the menu, there are tabs for 'PUBLISHERS' and 'RESOURCES'. At the bottom, four statistics are presented in a grid.

Occurrence records	Datasets	Publishing institutions	Peer-reviewed papers using data
1.388.349.390	50.729	1569	4290

## International Biodiversity Data Portal – HOMEPAGE (upper section)

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



The screenshot shows the GBIF homepage with a background image of a brown house snake. The 'Tools' menu is open, highlighting the 'Tools catalogue' option. The statistics section at the bottom displays the following data:

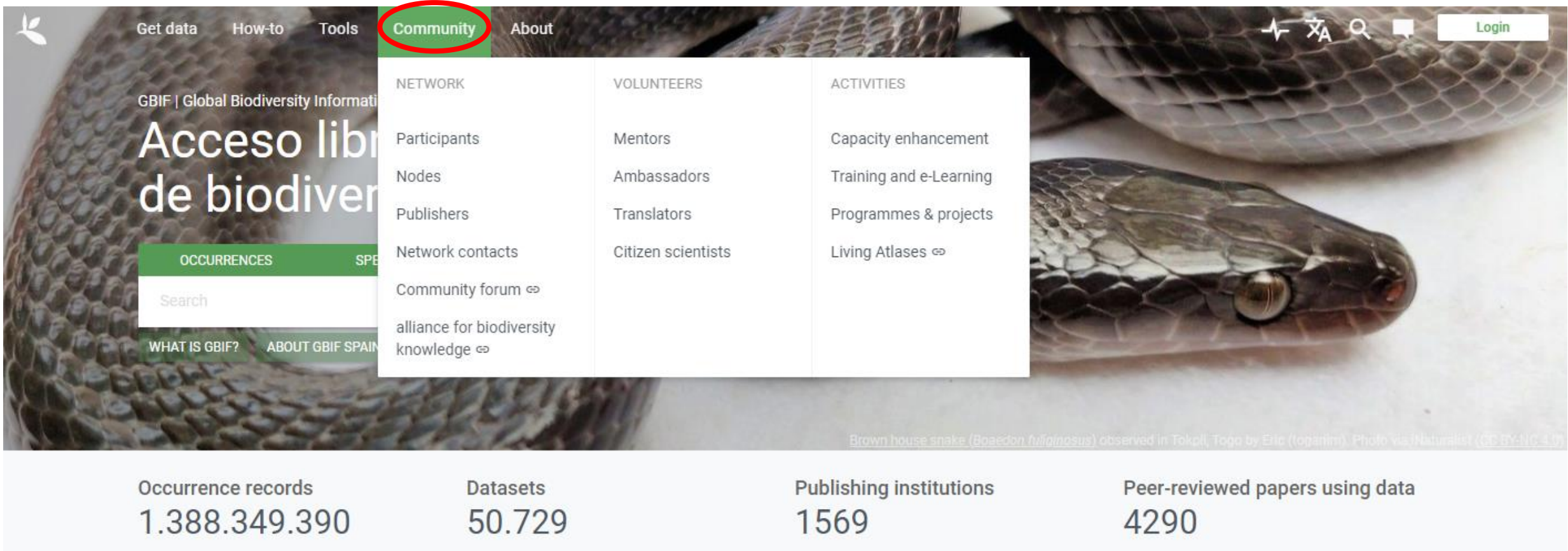
Occurrence records	Datasets	Publishing institutions	Peer-reviewed papers using data
1.388.349.390	50.729	1569	4290

Brown house snake (*Boaedon fuliginosus*) observed in Tokplil, Togo by Eric (toganim). Photo via iNaturalist (CC BY-NC 4.0)



## International Biodiversity Data Portal – HOMEPAGE (upper section)

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



The screenshot shows the GBIF homepage with a background image of a brown house snake. The 'Community' menu is highlighted with a red circle. The menu items are organized into three columns: NETWORK, VOLUNTEERS, and ACTIVITIES. The NETWORK column includes Participants, Nodes, Publishers, Network contacts, Community forum, and alliance for biodiversity knowledge. The VOLUNTEERS column includes Mentors, Ambassadors, Translators, and Citizen scientists. The ACTIVITIES column includes Capacity enhancement, Training and e-Learning, Programmes & projects, and Living Atlases. The main content area features a search bar and a list of links: WHAT IS GBIF? and ABOUT GBIF SPAIN. The footer displays four statistics: Occurrence records (1.388.349.390), Datasets (50.729), Publishing institutions (1569), and Peer-reviewed papers using data (4290).

GBIF | Global Biodiversity Information

Acceso libre de biodiversidad

OCCURRENCES

Search

WHAT IS GBIF? ABOUT GBIF SPAIN

Community

NETWORK

Participants

Nodes

Publishers

Network contacts

Community forum

alliance for biodiversity knowledge

VOLUNTEERS

Mentors

Ambassadors

Translators

Citizen scientists

ACTIVITIES

Capacity enhancement

Training and e-Learning

Programmes & projects

Living Atlases

Occurrence records  
1.388.349.390

Datasets  
50.729

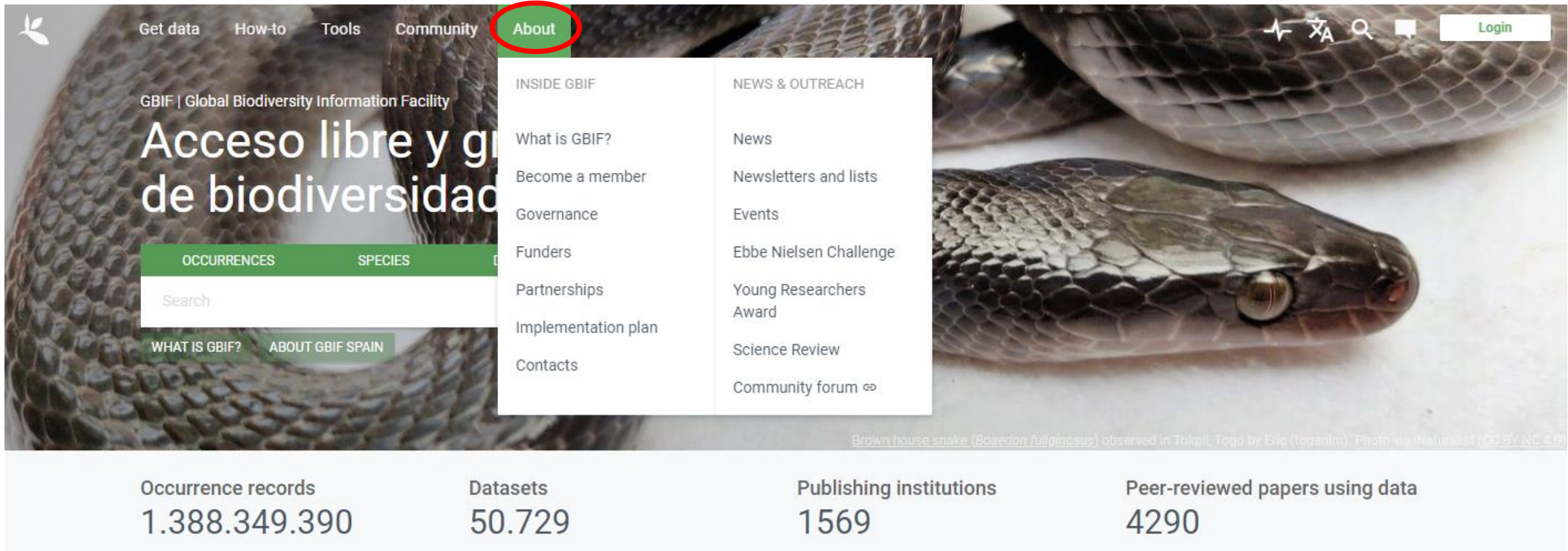
Publishing institutions  
1569

Peer-reviewed papers using data  
4290

Brown house snake (*Boaedon fuliginosus*) observed in Tokoli, Togo by Eric (topanin). Photo via iNaturalist (CC BY-NC 4.0)

## International Biodiversity Data Portal – HOMEPAGE (upper section)

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



The screenshot shows the GBIF homepage with a background image of a brown house snake. The navigation bar includes links for 'Get data', 'How-to', 'Tools', 'Community', and 'About' (highlighted with a red circle). Below the navigation bar, the text 'GBIF | Global Biodiversity Information Facility' is displayed, followed by the Spanish text 'Acceso libre y gratuito a los datos de biodiversidad'. A search bar is present, and below it are links for 'WHAT IS GBIF?' and 'ABOUT GBIF SPAIN'. A dropdown menu for 'About' is open, showing two columns of links: 'INSIDE GBIF' (What is GBIF?, Become a member, Governance, Funders, Partnerships, Implementation plan, Contacts) and 'NEWS & OUTREACH' (News, Newsletters and lists, Events, Ebbe Nielsen Challenge, Young Researchers Award, Science Review, Community forum). At the bottom, four statistics are listed: Occurrence records (1.388.349.390), Datasets (50.729), Publishing institutions (1569), and Peer-reviewed papers using data (4290).

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Acceso libre y gratuito a los datos de biodiversidad

OCCURRENCES SPECIES

Search

WHAT IS GBIF? ABOUT GBIF SPAIN

INSIDE GBIF

- What is GBIF?
- Become a member
- Governance
- Funders
- Partnerships
- Implementation plan
- Contacts

NEWS & OUTREACH

- News
- Newsletters and lists
- Events
- Ebbe Nielsen Challenge
- Young Researchers Award
- Science Review
- Community forum

Occurrence records  
1.388.349.390

Datasets  
50.729

Publishing institutions  
1569

Peer-reviewed papers using data  
4290

Brown house snake (*Boaedon fuliginosa*) observed in Tokpli, Togo by Eric (loganim). Photo via iNaturalist (CC-BY-NC 4.0)



## International Biodiversity Data Portal – HOMEPAGE (upper section)

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



The screenshot shows the upper section of the GBIF homepage. At the top, there is a navigation bar with links: "Get data", "How-to", "Tools", "Community", and "About". On the right side of this bar, there are icons for a heart, a magnifying glass, a speech bubble, and a "Login" button. Below the navigation bar, the text "GBIF | Global Biodiversity Information Facility" is displayed. The main heading reads "Acceso libre y gratuito a los datos de biodiversidad". Below this, there is a green navigation bar with links: "OCCURRENCES", "SPECIES", "DATASETS", "PUBLISHERS", and "RESOURCES". Underneath this bar is a search bar with the placeholder text "Search" and a magnifying glass icon. Below the search bar, there are two links: "WHAT IS GBIF?" and "ABOUT GBIF SPAIN". At the bottom of the page, there is a statistics section with four columns: "Occurrence records" (1.388.347.699), "Datasets" (50.727), "Publishing institutions" (1569), and "Peer-reviewed papers using data" (4290). A small caption at the bottom right of the snake image reads: "Brown house snake (*Boaedon fuliginosus*) observed in Tokpili, Togo by Eric (toganim). Photo via iNaturalist (CC BY-NC 4.0)".

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# Acceso libre y gratuito a los datos de biodiversidad

OCCURRENCES SPECIES DATASETS PUBLISHERS RESOURCES

Search

WHAT IS GBIF? ABOUT GBIF SPAIN

Brown house snake (*Boaedon fuliginosus*) observed in Tokpili, Togo by Eric (toganim). Photo via iNaturalist (CC BY-NC 4.0)

Occurrence records	Datasets	Publishing institutions	Peer-reviewed papers using data
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## International Biodiversity Data Portal – HOMEPAGE (upper section)

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



The screenshot shows the GBIF homepage with a background image of a brown house snake. The main navigation menu is highlighted with a red box. The menu includes links for OCCURRENCES, SPECIES, DATASETS, PUBLISHERS, and RESOURCES. Below the menu is a search bar with the placeholder text "Search" and a magnifying glass icon. At the bottom of the page, there are four statistics: Occurrence records (1.388.347.699), Datasets (50.727), Publishing institutions (1569), and Peer-reviewed papers using data (4290).

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# Acceso libre y gratuito a los datos de biodiversidad

OCCURRENCES SPECIES DATASETS PUBLISHERS RESOURCES

Search

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1.388.347.699	50.727	1569	4290



International Biodiversity Data Portal – HOMEPAGE (upper section)

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



Get dataHow-toToolsCommunityAbout



Login

GBIF | Global Biodiversity Information Facility

Acceso libre y gratuito a los datos de biodiversidad

OCCURRENCES

SPECIES

DATASETS

PUBLISHERS

RESOURCES

Search



WHAT IS GBIF?






ABOUT GBIF SPAIN


Brown house snake (*Boaedon fuliginosus*) observed in Tokpli, Togo by Eric (toganim). Photo via iNaturalist (CC BY-NC 4.0)

Occurrence records	Datasets	Publishing institutions	Peer-reviewed papers using data
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## International Biodiversity Data Portal – HOMEPAGE (middle section)

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


[Get data](#)[How-to](#)[Tools](#)[Community](#)[About](#)[Login](#)



2020  
Ebbe Nielsen Challenge


News

2020 Ebbe Nielsen Challenge seeks open-data innovations for biodiversity




News

Call for nominations to the 2020 GBIF Young Researchers Award




News

Virtual workshop planned on "Advancing the Catalogue of the World's Natural History Collections"




Data use

Global analysis of potential marginal land resources of cassava



News


The Equator Principles encourage open access to environmental impact data through the GBIF network



Taxonomy

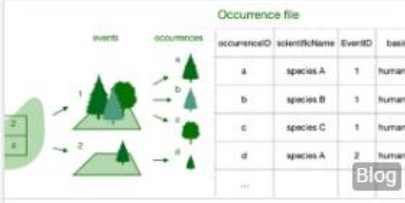
New species: *Craspedotropis gretathunbergae*

*Craspedotropis gretathunbergae*, a new species of Cyclophoridae (Gastropoda: Caenogastropoda), discovered and described on a field course to Kuala Belalong rainforest, Brunei



Dataset update: More than 800,000 fungal records from the Danish Mycological Society

Latest update of dataset brings number of records to 805,080—including 164,224 with images



Occurrence file

occurrenceID	scientificName	EventID	basis
a	species A	1	humanC
b	species B	1	humanC
c	species C	1	humanC
d	species A	2	humanC

Blog

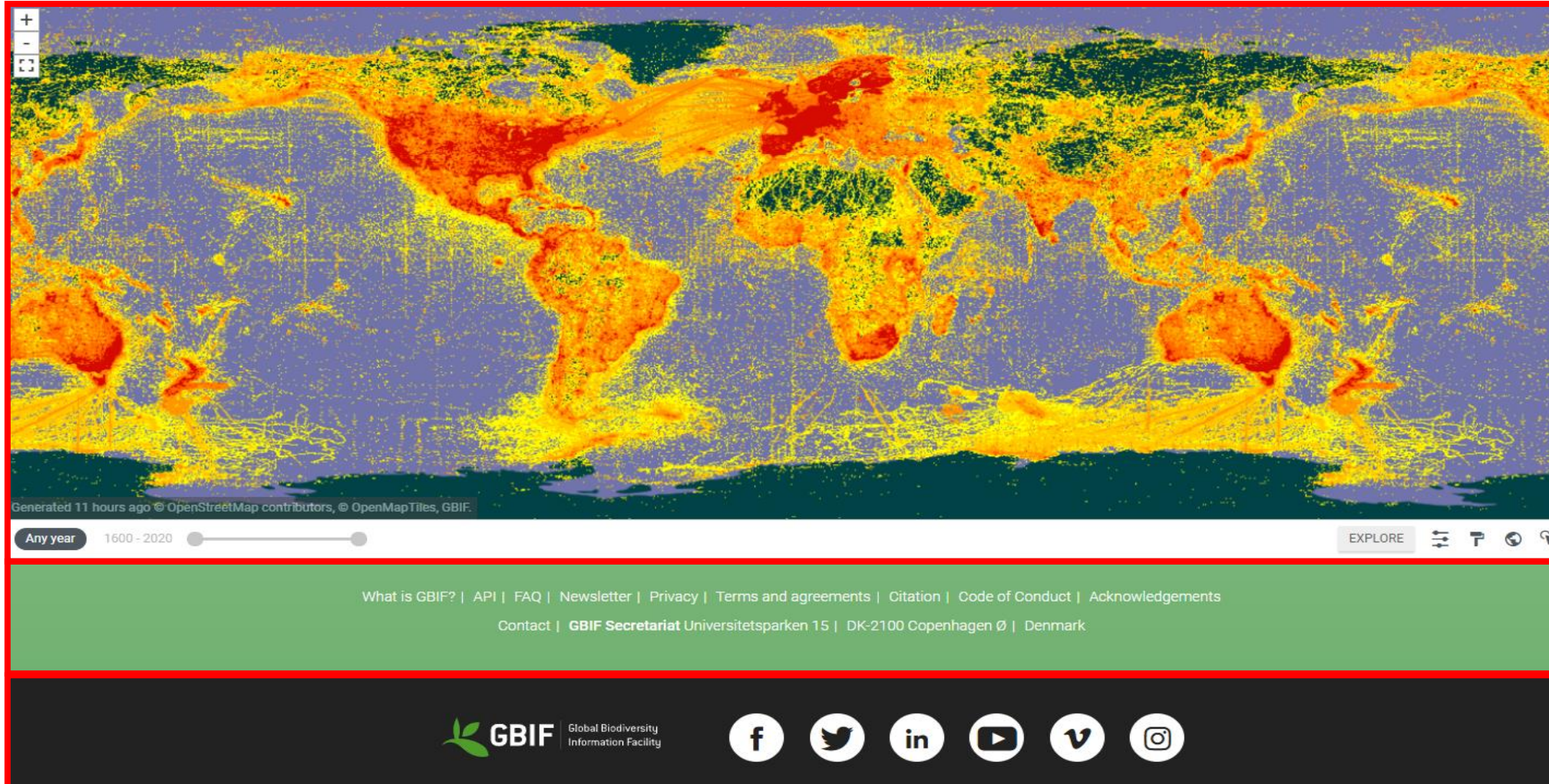
How to choose the right dataset class

If you are a (first-time) GBIF publisher and you are trying to decide which type of dataset would best fit your data, this blog post is for you.



## International Biodiversity Data Portal – HOMEPAGE (bottom section)

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



GBIF-mediated  
data map

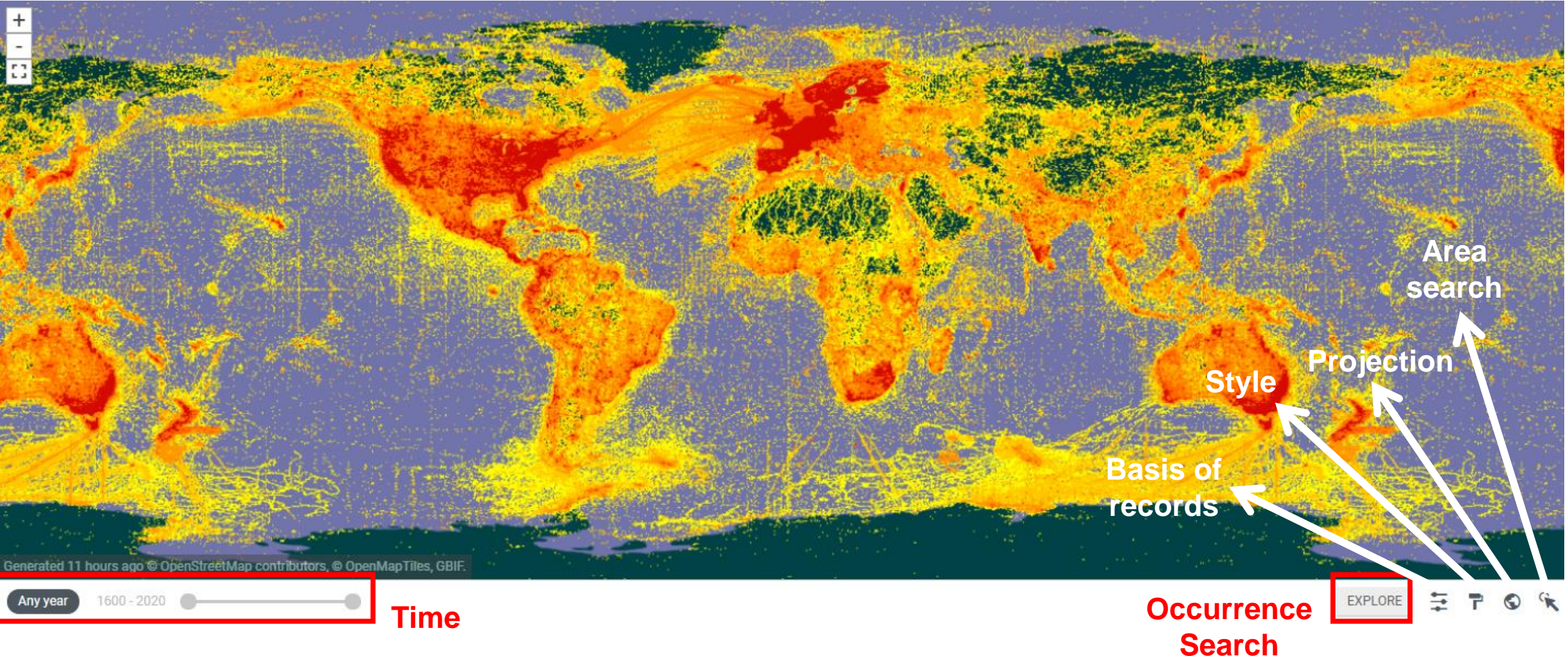
Secondary  
navigation panel

Footer



International Biodiversity Data Portal – HOMEPAGE (GBIF-mediated data map)

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





# USE CASE 1: GBIF.org homepage



# Gbif.es

Thanks for your  
attention!

miguel.vega@gbif.es



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