

# GBIF data gebruik via [gbif.org](http://gbif.org) en de API & Key Performance Indicators (KPIs); Data downloads & Dataset citaties

*Niels Raes  
NLBIF Node Manager*

# GBIF data gebruik via gbif.org en de API

The screenshot shows the GBIF website homepage. At the top, there is a navigation bar with links for "Get data", "How-to", "Tools", "Community", and "About". To the right of these links are icons for a heart, a user profile, a search, and a message. A red box highlights the "Login" button. Below the navigation bar, the text "GBIF | Global Biodiversity Information Facility" is displayed. The main title "Free and open access to biodiversity data" is prominently shown in large white text over a background image of several giraffes in a savanna. Below the title, there are five menu items: "OCCURRENCES", "SPECIES", "DATASETS", "PUBLISHERS", and "RESOURCES". A search bar with a magnifying glass icon is located below these menu items. At the bottom of the page, there are two links: "What is GBIF?" and "About GBIF Netherlands". The URL "https://www.gbif.org" is visible at the very bottom left, and a copyright notice for "Giraffa camelopardalis subsp. peralta Thomas, 1898 observed in Niger by RBT-WAP/GIC-WAP (CC BY-NC 4.0)" is at the bottom right.

<https://www.gbif.org>

Giraffa camelopardalis subsp. peralta Thomas, 1898 observed in Niger by RBT-WAP/GIC-WAP (CC BY-NC 4.0)

NLBIF relatiedag 2023 – 7 maart 2023 – Niels Raes

# GBIF data gebruik via gbif.org en de API

The screenshot shows the GBIF website homepage with a background image of giraffes in a savanna. Overlaid on the right side is a registration form.

GBIF | Global Biodiversity Information Facility

## Free and open access to biodiversity data

OCCURRENCES SPECIES DATASETS PUBLISHERS RESOURCES

Search

What is GBIF? About GBIF Netherlands

LOGIN REGISTER

COUNTRY  
Netherlands

EMAIL

USERNAME

PASSWORD

NEXT OR

SIGN UP WITH GOOGLE

SIGN UP WITH FACEBOOK

SIGN UP WITH GITHUB

<https://www.gbif.org>

*Giraffa camelopardalis* subsp. *p�ralta* Thomas, 1898 observed in Niger by RBT-WAP/GIC-WAP (CC BY-NC 4.0)

# GBIF data gebruik via gbif.org en de API

The screenshot shows the homepage of the Global Biodiversity Information Facility (GBIF) at [gbif.org](http://gbif.org). The page features a large banner image of several giraffes in a natural savanna habitat. Overlaid on the banner is the text "Free and open access to biodiversity data". Below the banner is a navigation bar with links for "OCCURRENCES", "SPECIES", "DATASETS", "PUBLISHERS", and "RESOURCES". A search bar contains the text "goudvink" with a red box highlighting it. At the bottom of the page, there are links for "What is GBIF?" and "About GBIF Netherlands". The top of the page includes a header with links for "Get data", "How-to", "Tools", "Community", and "About", along with various social media and sharing icons.

gbif.org

Get data How-to Tools Community About

nl-bif

GBIF | Global Biodiversity Information Facility

# Free and open access to biodiversity data

OCCURRENCES SPECIES DATASETS PUBLISHERS RESOURCES

goudvink

What is GBIF? About GBIF Netherlands

Giraffa camelopardalis subsp. peralta Thomas, 1898 observed in Niger by RBT-WAP/GC-WAP (CC BY-NC 4.0)

# GBIF data gebruik via gbif.org en de API

gbif.org/search?q=goudvink

Get data How-to Tools Community About

nl-bif

goudvink

EVERYTHING OCCURRENCES SPECIES DATASETS PUBLISHERS RESOURCES

SPECIES 7 RESULTS

***Pyrrhula pyrrhula* subsp. *europaea* Vieillot, 1816** Subspecies

Synonym of: *Pyrrhula pyrrhula europaea* Vieillot, 1816

Classification : Animalia > Chordata > Aves > Passeriformes > Fringillidae > Pyrrhula > *Pyrrhula pyrrhula*

Vernacular name: **Goudvink** in Dutch

Synonym Subspecies 2,335 occurrences



***Pyrrhula pyrrhula* subsp. *pyrrhula*** Subspecies

Classification : Animalia > Chordata > Aves > Passeriformes > Fringillidae > Pyrrhula > *Pyrrhula pyrrhula*

Vernacular name: Noordse **goudvink** in Dutch

Accepted Subspecies 7,005 occurrences



***Pyrrhula pyrrhula* (Linnaeus, 1758)** Species

Published in: Syst. Nat. ed. 10 p. 171

Classification : Animalia > Chordata > Aves > Passeriformes > Fringillidae > Pyrrhula



# GBIF data gebruik via gbif.org en de API

[https://www.gbif.org/species/search?q=goudvink&rank=SPECIES&highertaxon\\_key=1&status=ACCEPTED](https://www.gbif.org/species/search?q=goudvink&rank=SPECIES&highertaxon_key=1&status=ACCEPTED)

Get data How-to Tools Community About nl-bif

Species 4

goudvink

You are doing a free text search for 'goudvink'  
Limit search to All

Rank

Species 5  
 Subspecies 1

Status

Accepted

Higher taxon

Animalia

Search

Chordata 5  
 Aves 5  
 Passeriformes 5  
 Fringillidae 5  
 Callacanthis 1

SEARCH SPECIES | 5 RESULTS

BACKBONE ALL CHECKLISTS

**Pyrrhula pyrrhula (Linnaeus, 1758)** Species

Published in: Syst. Nat. ed. 10 p. 171  
Classification : Animalia > Chordata > Aves > Passeriformes > Fringillidae > Pyrrhula  
Vernacular name: **Goudvink** in Dutch

Accepted  Species 2,035,878 occurrences

**Pyrrhula aurantiaca Gould, 1858** Species

Classification : Animalia > Chordata > Aves > Passeriformes > Fringillidae > Pyrrhula  
Vernacular name: **Oranje Goudvink** in Dutch

Accepted  Species 272 occurrences

**Callacanthis burtoni (Gould, 1838)** Species

Classification : Animalia > Chordata > Aves > Passeriformes > Fringillidae > Callacanthis  
Vernacular name: Burtons **Goudvink** in Dutch

Accepted  Species 344 occurrences

# GBIF data gebruik via gbif.org en de API

gbif.org/species/2494543

Get data How-to Tools Community About nl-bif

## Classification

Select a species

Kingdom Animalia

Phylum Chordata

Class Aves

Order Passeriformes

Family Fringillidae

Genus *Pyrrhula* Brisson, 1760

Species *Pyrrhula pyrrhula* (Linnaeus, 1758)

= *Emberiza coccinea* Gmelin, 1789

≡ *Loxia pyrrhula* Linnaeus, 1758

= *Loxia spec* Linnaeus, 1758

= *Pyrrhula europaea* Vieillot

= *Pyrrhula pilote* Macgillivray

SPECIES | ACCEPTED

*Pyrrhula pyrrhula* (Linnaeus, 1758)

Published in: Syst. Nat. ed. 10 p. 171 source: The Integrated Taxonomic Information System

Bullfinch In English Basionym: *Loxia pyrrhula* Linnaeus, 1758

2,035,878 OCCURRENCES | 12 INFRASPECIES

OVERVIEW METRICS REFERENCE TAXON

40,046 OCCURRENCES WITH IMAGES

SEE GALLERY

2,010,691 GEOREFERENCED RECORDS

[+/-/grid icons]

# GBIF data gebruik via gbif.org en de API

gbif.org/species/2494543

Get data How-to Tools Community About nl-bif

### Classification

Order Passeriformes

Family Fringillidae

Genus *Pyrrhula* Brisson, 1760

Species *Pyrrhula pyrrhula* (Linnaeus, 1758)

- = *Emberiza coccinea* Gmelin, 1789
- ≡ *Loxia pyrrhula* Linnaeus, 1758
- = *Loxia spec* Linnaeus, 1758
- = *Pyrrhula europaea* Vieillot
- = *Pyrrhula pileata* Macgillivray
- = *Pyrrhula pyrrhula* subsp. *coccinea* (Gmelin, 1789)
- = *Pyrrhula vulgaris* Temminck

40,046 OCCURRENCES WITH IMAGES

SEE GALLERY

2,010,691 GEOFERENCED RECORDS

# GBIF data gebruik via gbif.org en de API

gbif.org/species/2494543/metrics

Get data How-to Tools Community About nl-bif

## Classification

Order Passeriformes  
Family Fringillidae  
Genus *Pyrrhula* Brisson, 1760  
Species *Pyrrhula pyrrhula* (Linnaeus, 1758)  
= *Emberiza coccinea* Gmelin, 1789  
≡ *Loxia pyrrhula* Linnaeus, 1758  
= *Loxia spec* Linnaeus, 1758  
= *Pyrrhula europaea* Vieillot  
= *Pyrrhula pileata* Macgillivray  
= *Pyrrhula pyrrhula* subsp. *coccinea* (Gmelin, 1789)  
= *Pyrrhula vulgaris* Temminck

Immediate children

Subspecies *Pyrrhula pyrrhula* subsp. *caspica* Witherby, 1908  
Subspecies *Pyrrhula pyrrhula* subsp. *cassinii*

## *Pyrrhula pyrrhula* (Linnaeus, 1758)

Published in: Syst. Nat. ed. 10 p. 171 source: The Integrated Taxonomic Information System  
**Bullfinch** In English **Basionym:** *Loxia pyrrhula* Linnaeus, 1758

2,035,878 OCCURRENCES | 12 INFRASPECIES

OVERVIEW METRICS REFERENCE TAXON

### OCCURRENCES PER MONTH

Linear Logarithmic

Month	Occurrences
January	~400k
February	~250k
March	~250k
April	~180k
May	~120k
June	~80k
July	~50k
August	~40k
September	~40k
October	~200k
November	~200k
December	~250k

# GBIF data gebruik via gbif.org en de API

gbif.org/species/2494543/metrics

Get data How-to Tools Community About nl-bif

Classification OCCURRENCES PER COUNTRY OR AREA

Linear Logarithmic

Occurrences

Netherlands Occurrences: 100,123

Occurrences

NEXT

OCCURRENCES PER DATASET

Dataset	Count
Arportalen (Swedish Species Observation System)	509,845
Norwegian Species Observation Service	198,711

Order Passeriformes

Family Fringillidae

Genus *Pyrrhula* Brisson, 1760

Species *Pyrrhula pyrrhula* (Linnaeus, 1758)  
= *Emberiza coccinea* Gmelin, 1789  
≡ *Loxia pyrrhula* Linnaeus, 1758  
= *Loxia spec* Linnaeus, 1758  
= *Pyrrhula europaea* Vieillot  
= *Pyrrhula pileata* Macgillivray  
= *Pyrrhula pyrrhula* subsp. *coccinea* (Gmelin, 1789)  
= *Pyrrhula vulgaris* Temminck

Immediate children

Subspecies *Pyrrhula pyrrhula* subsp. *caspica* Witherby, 1908

Subspecies *Pyrrhula pyrrhula* subsp. *cassinii*

# GBIF data gebruik via gbif.org en de API

gbif.org/species/2494543

Get data How-to Tools Community About nl-bif

## Classification

Select a species

Kingdom Animalia

Phylum Chordata

Class Aves

Order Passeriformes

Family Fringillidae

Genus *Pyrrhula* Brisson, 1760

Species *Pyrrhula pyrrhula* (Linnaeus, 1758)

= *Emberiza coccinea* Gmelin, 1789  
≡ *Loxia pyrrhula* Linnaeus, 1758  
= *Loxia spec* Linnaeus, 1758  
= *Pyrrhula europaea* Vieillot  
= *Pyrrhula pilote* Macgillivray

SPECIES | ACCEPTED

## *Pyrrhula pyrrhula* (Linnaeus, 1758)

Published in: Syst. Nat. ed. 10 p. 171 source: The Integrated Taxonomic Information System

Bullfinch In English Basionym: *Loxia pyrrhula* Linnaeus, 1758

2,035,878 OCCURRENCES 12 INFRASPECIES

OVERVIEW METRICS REFERENCE TAXON

40,046 OCCURRENCES WITH IMAGES

SEE GALLERY

2,010,691 GEOREFERENCED RECORDS

+ - [grid icon]

# GBIF data gebruik via gbif.org en de API

The screenshot shows a web browser displaying the GBIF occurrence search results for the species *Pyrrhula pyrrhula* in the Netherlands. The URL in the address bar is `gbif.org/occurrence/search?country=NL&taxon_key=2494543`. The page has a green header with links for 'Get data', 'How-to', 'Tools', 'Community', and 'About'. On the right, there are icons for Google, LinkedIn, and a user profile. The main content area is titled 'Occurrences' and includes a search bar and filter options like 'Simple' and 'Advanced'.

The results table is titled 'SEARCH OCCURRENCES | 100,123 RESULTS'. It has columns for Scientific name, Country or area, Coordinates, and Month. The 'TABLE' tab is selected, highlighted with a red box. The first few rows of data are:

Scientific name	Country or area	Coordinates	Month
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	52.0N, 6.0E	2023 Ja
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	51.6N, 6.1E	2023 Fe
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	53.2N, 6.5E	2023 Fe
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	52.0N, 5.7E	2022 Ja
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	52.4N, 6.6E	2022 Ja
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	53.2N, 6.2E	2022 Ja
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	53.0N, 6.4E	2022 Ja
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	52.1N, 5.2E	2022 Ja
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	52.1N, 5.2E	2022 Ja
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	51.7N, 5.6E	2022 Ja

# GBIF data gebruik via gbif.org en de API

gbif.org/occurrence/search?country=NL&taxon\_key=2494543&advanc...

Get data How-to Tools Community About

Occurrences

Search all fields

Simple Advanced

Occurrence status

Licence

Scientific name

Pyrrhula pyrrhula (Linnaeus, 1758)

Basis of record

Location

Administrative areas (gadm.org)

Coordinate uncertainty in metres

Year

Month

Dataset

Country or area

Netherlands

SELECT TABLE COLUMNS

Country or area  
Coordinates  
Month & year  
Occurrence status  
Basis of record  
Dataset  
Issues  
Type status  
Individual count  
Organism quantity  
Organism quantity type  
Sample size unit

DONE

1,123 RESULTS

	Coordinates	Month & year
Pyrrhula pyrrhula (Linnaeus, 1758)	52.0N, 6.0E	2023 January
	51.6N, 6.1E	2023 February
	53.2N, 6.5E	2023 February
	52.0N, 5.7E	2022 January
	52.4N, 6.6E	2022 January
	53.2N, 6.2E	2022 January
	53.0N, 6.4E	2022 January
	52.1N, 5.2E	2022 January
	52.1N, 5.2E	2022 January
	51.7N, 5.6E	2022 January
	52.4N, 5.9E	2022 January
	51.9N, 5.9E	2022 January

# GBIF data gebruik via gbif.org en de API

The screenshot shows a web browser displaying the GBIF occurrence gallery for the species *Pyrrhula pyrrhula* (Linnaeus, 1758). The URL in the address bar is `gbif.org/occurrence/gallery?country=NL&taxon_key=2494543`. The page has a green header with links for 'Get data', 'How-to', 'Tools', 'Community', and 'About'. On the right side of the header are icons for search, download, and social media sharing.

The main content area is titled 'Occurrences' and shows a search bar with the text 'SEARCH OCCURRENCES | 8,072 WITH IMAGES'. Below the search bar are tabs for 'TABLE', 'GALLERY' (which is highlighted with a red box), 'MAP', 'TAXONOMY', and 'METRICS'. There is also a 'DOWNLOAD' button.

The 'GALLERY' section displays five images of a red bullfinch perched on bare branches. Each image has a caption below it reading 'Pyrrhula pyrrhula (Linnaeus, 1758)'. The images show the bird from different angles and distances.

On the left side of the page, there is a sidebar with various filters and dropdown menus:

- Search all fields (with a magnifying glass icon)
- Simple (selected) and Advanced buttons
- Occurrence status: !
- Licence
- Scientific name: *Pyrrhula pyrrhula* (Linnaeus, 1758) (with a checked checkbox)
- Basis of record
- Location
- Administrative areas (gadm.org)
- Coordinate uncertainty in metres
- Year
- Month
- Dataset

# GBIF data gebruik via gbif.org en de API

gbif.org/occurrence/3733062167

Get data How-to Tools Community About nl-bif

  
Creator: Paul Schalkwijk  
Record licence: <http://creativecommons.org/licenses/by-nc-nd/4.0/>  
Rights holder: Paul Schalkwijk  
Identifier: <https://observatory.uberonet.nl/otos/45626972.jpg>  
Suggested attribution: *Pyrrhula pyrrhula* (Linnaeus, 1758) observed in Netherlands by Paul Schalkwijk (licensed under <http://creativecommons.org/licenses/by-nc-nd/4.0/>)

  
Creator: Paul Schalkwijk  
Record licence: <http://creativecommons.org/licenses/by-nc-nd/4.0/>  
Rights holder: Paul Schalkwijk  
Identifier: <https://observatory.uberonet.nl/otos/45626971.jpg>  
Suggested attribution: *Pyrrhula pyrrhula* (Linnaeus, 1758) observed in Netherlands by Paul Schalkwijk (licensed under <http://creativecommons.org/licenses/by-nc-nd/4.0/>)

# GBIF data gebruik via gbif.org en de API

The screenshot shows a web browser displaying GBIF data. The URL in the address bar is [gbif.org/occurrence/3733062167](https://gbif.org/occurrence/3733062167). The page has a green header with links for 'Get data', 'How-to', 'Tools', 'Community', and 'About'. A navigation bar at the top includes icons for back, forward, search, and other functions. The main content is organized into sections: 'Record', 'Occurrence', and 'Event'. Each section contains a table with 'Interpreted' and 'Original' columns, and a 'Remarks' column.

**Record**

Term	Interpreted	Original	Remarks
Basis of record	Human observation	HumanObservation	
Collection code	Observations	Observations	
Data generalizations	WGS84 coordinates generalized with formula: coord = floor(coord * 20) / 20	WGS84 coordinates generalized with formula: coord = floor(coord * 20) / 20	

**Occurrence**

Term	Interpreted	Original	Remarks
Catalogue number	OBS.231342591	OBS.231342591	
Individual count	2	2	
Life stage	Unknown	unknown	
Occurrence ID	<a href="https://observationation/231342591">https://observationation/231342591</a>	<a href="https://observationation/231342591">https://observationation/231342591</a>	
Occurrence status	PRESENT		Occurrence status inferred from individual count
Recorded by	User 145186	User 145186	
Sex		undetermined	Excluded

**Event**

Term	Interpreted	Original	Remarks
Day	1		Inferred
Month	1		Inferred
Year	2022		Inferred
Event date	2022-01-01T00:00:00	2022-01-01	Altered
Event time	13:49	13:49	

# GBIF data gebruik via gbif.org en de API

The screenshot shows a web browser displaying the GBIF occurrence map for the Netherlands. The URL in the address bar is [gbif.org/occurrence/map?country=NL&has\\_coordinate=true&has\\_geospatia...](https://gbif.org/occurrence/map?country=NL&has_coordinate=true&has_geospatia...). The page has a green header with links for 'Get data', 'How-to', 'Tools', 'Community', and 'About'. On the right, there are icons for search, download, and user profile.

The main content area is titled 'Occurrences' and includes a search bar with the text 'SEARCH OCCURRENCES | 100,035 WITH COORDINATES'. Below the search bar are tabs for 'TABLE', 'GALLERY', 'MAP' (which is highlighted with a red box), 'TAXONOMY', 'METRICS', and 'DOWNLOAD'. To the left of the map is a sidebar with filters for 'Occurrence status', 'Licence', 'Scientific name', and 'Basis of record'. Under 'Basis of record', the 'Location' filter is expanded, showing options: 'No preference' (radio button), 'Including coordinates' (radio button, selected), 'Without coordinates' (radio button), and 'Include records where coordinates are flagged as suspicious' (checkbox). A checkbox for 'Pyrrhula pyrrhula (Linnaeus, 1758)' is also checked. At the bottom left is a small map of Europe with zoom controls (+, -).

The main map shows the Netherlands and surrounding regions with numerous data points represented by colored circles (orange and red) indicating occurrence locations. Labels on the map include 'The Netherlands', 'Amsterdam', 'Rotterdam', 'Cologne', and 'Belgium'. A legend on the right side of the map shows three categories: orange, red, and black. A note at the bottom of the map states: 'This map contains occurrences flagged by GBIF as having suspicious coordinates. Hide them'.

# GBIF data gebruik via gbif.org en de API

The screenshot shows a web browser displaying the GBIF occurrence taxonomy page at [gbif.org/occurrence/taxonomy?country=NL&taxon\\_key=2494543&adv...](https://www.gbif.org/occurrence/taxonomy?country=NL&taxon_key=2494543&advanced=1). A red box highlights the URL in the address bar.

The page has a green header with links for "Get data", "How-to", "Tools", "Community", and "About". On the right, there are icons for a heart, a leaf, a search, and a user profile labeled "nl-bif".

The main content area has a title "Occurrences" with a trash bin icon and a "2" notification. A search bar says "SEARCH OCCURRENCES | 100,123 RESULTS". Below it, tabs include "TABLE", "GALLERY", "MAP", "TAXONOMY" (which is highlighted with a red box), and "METRICS".

Two main sections show taxonomic distribution. The left section, titled "TAXONOMIC DISTRIBUTION OF OCCURRENCES", displays a hierarchical tree under "Explore Major groups":

- Animalia | 100,123
  - Chordata | 100,123
    - Aves | 100,123
      - Passeriformes | 100,123
        - Fringillidae | 100,123
          - Pyrrhula | 100,123
            - Pyrrhula pyrrhula | 100,123

The right section, also titled "TAXONOMIC DISTRIBUTION OF OCCURRENCES", features a sunburst chart. The innermost ring is green and labeled "Chordata". The middle ring is yellow and labeled "Aves". The outermost ring is yellow and labeled "Passeriformes".

At the bottom, there's a "SPECIES" section and a "Group by Species" dropdown. The footer shows the full URL again: [https://www.gbif.org/occurrence/taxonomy?country=NL&taxon\\_key=2494543&advanced=1](https://www.gbif.org/occurrence/taxonomy?country=NL&taxon_key=2494543&advanced=1).

# GBIF data gebruik via gbif.org en de API

The screenshot shows the GBIF occurrence search results page. The URL in the browser bar is [gbif.org/occurrence/search?country=NL&month=12&month=1&mont...](https://gbif.org/occurrence/search?country=NL&month=12&month=1&mont...). A red box highlights the search bar. The main interface includes a navigation bar with links for Get data, How-to, Tools, Community, and About. On the right, there are icons for a heart, a map, a search, and a message, along with a 'nl-bif' button.

On the left, there are two filter panels:

- Coordinate uncertainty in metres**: A dropdown menu showing '6' items.
- Year**: A range selector between 2015 and 2023, with 'CLEAR' and 'ADD' buttons below it.
- Month**: A list of months with counts: January (10,463), February (8,739), March (7,654), April (7,080), May (6,210), June (3,674), July (3,171), August (3,002), September (2,347), October (4,343), November (4,692), and December (5,679). The months January, February, and December are checked. Buttons for 'CLEAR' and 'REVERSE' are at the bottom.

The main content area displays a table of search results for the species *Pyrrhula pyrrhula* (Linnaeus, 1758) from the Netherlands. The table has columns for Scientific name, Country or area, Coordinates, and Month & year. The results show occurrences from 2022 January to 2023 January. A red box highlights the 'TABLE' tab in the header. The total result count is 24,881.

Scientific name	Country or area	Coordinates	Month & year
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	52.0N, 6.0E	2023 January
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	51.6N, 6.1E	2023 February
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	53.2N, 6.5E	2023 February
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	52.0N, 5.7E	2022 January
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	52.4N, 6.6E	2022 January
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	53.2N, 6.2E	2022 January
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	53.0N, 6.4E	2022 January
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	52.1N, 5.2E	2022 January
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	52.1N, 5.2E	2022 January
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	51.7N, 5.6E	2022 January
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	52.4N, 5.9E	2022 January
<i>Pyrrhula pyrrhula</i> (Linnaeus, 1758)	Netherlands	51.9N, 5.9E	2022 January

# GBIF data gebruik via gbif.org en de API

Screenshot of the GBIF occurrence search interface on gbif.org.

The URL in the browser bar is: [gbif.org/occurrence/charts?country=NL&month=12&month=1&mont...](https://gbif.org/occurrence/charts?country=NL&month=12&month=1&mont...)

The interface includes the following sections:

- Header:** Get data, How-to, Tools, Community, About, nl-bif.
- Search Bar:** Search all fields.
- Filter Panel (Left):** Occurrence status, Licence, Scientific name, Verbatim scientific name, Basis of record, Location, Administrative areas (gadm.org), Coordinate uncertainty in metres, Year, Month.
- Filter Buttons:** Simple (selected), Advanced.
- Metrics Section:** TABLE, GALLERY, MAP, TAXONOMY, METRICS (selected), DOWNLOAD.
- Current Filter:** And  
Country or area: Netherlands  
Month: December • January • February  
Scientific name: Pyrrhula pyrrhula (Linnaeus, 1758)  
Year: Between start of 2015 and end of 2023
- Chart:** OCCURRENCES PER MONTH (Linear scale). The chart shows occurrences per month from January to December. The highest occurrence is in January (~10k), followed by February (~8.5k), and the lowest is in December (~1.5k).

# GBIF data gebruik via gbif.org en de API

The screenshot shows the GBIF Occurrences search results page. The URL in the browser bar is [gbif.org/occurrence/download?country=NL&month=12&month=1&m...](https://gbif.org/occurrence/download?country=NL&month=12&month=1&m...). A red box highlights the URL. The page title is "Occurrences". On the left, there is a sidebar with filters for "Occurrence status", "Licence", "Scientific name" (with a checked checkbox for "Pyrrhula pyrrhula (Linnaeus, 1758)"), "Verbatim scientific name", "Basis of record", "Location", "Administrative areas (gadm.org)", "Coordinate uncertainty in metres", "Year" (with a checked checkbox for "Between start of 2015 and end of 2023"), and "Month" (with checked checkboxes for "January" and "February"). The main content area shows a search summary: "SEARCH OCCURRENCES | 24,881 RESULTS". Below it, there are tabs for "TABLE", "GALLERY", "MAP", "TAXONOMY", "METRICS", and a highlighted "DOWNLOAD" tab. A red box highlights the "DOWNLOAD" tab. Under "DOWNLOAD OPTIONS", there are three download buttons: "SIMPLE" (selected), "DARWIN CORE ARCHIVE", and "SPECIES LIST". Each button has a table row indicating its contents: "Raw data", "Interpreted data", "Multimedia", "Coordinates", "Format", and "Estimated data size".

	Raw data	Interpreted data	Multimedia	Coordinates	Format	Estimated data size
<b>SIMPLE</b>	X	✓	X	✓ (if available)	Tab-delimited CSV (for use in Excel, etc.)	13 MB (3 MB zipped for download)
<b>DARWIN CORE ARCHIVE</b>	✓	✓	✓ (links)	✓ (if available)	Tab-delimited CSV (for use in Excel, etc.)	41 MB (9 MB zipped for download)
<b>SPECIES LIST</b>	X	✓	X	X	Tab-delimited CSV (for use in Excel, etc.)	

**DOWNLOAD REPORT**

Total: 24,881  
Licence: CC BY-NC 4.0  
Year range: 1864–2023  
With year: 100 %

# GBIF data gebruik via gbif.org en de API

The screenshot shows a web browser displaying the GBIF.org occurrence download interface. A modal dialog box is overlaid on the page, containing a message about data responsibilities. The dialog has a red border and contains the following text:

Free of cost – not free of responsibilities

While data from GBIF.org is free and open, please remember that by downloading this data, you are agreeing:

- to abide by the [GBIF user agreement](#)
- and, if you use the data, to [cite it appropriately](#)

Please make sure your citation includes the unique [DOI](#) (shown on the page once it refreshes). The use of properly formatted data citations ensures scientific transparency and reproducibility and enables proper attribution of credit to the data providers.

If you are analysing the data you will download, please consider referencing this citation in your Materials and methods section.

New to GBIF? Check out the [Data Use Club](#).

[Go back and add more filters](#) UNDERSTOOD

The main page background shows search filters for Occurrences, including fields like Simple, Advanced, Occurrence status, Licence, Scientific name, Verbatim scientific name, Basis of record, Location, Administrative areas (gadm.org), Coordinate uncertainty in metres, Year, and Month. The results summary on the right indicates 24,881 results and provides download options for CSV and XLS formats.

# GBIF data gebruik via [gbif.org](#) en de API

# GBIF data

← → ⌂ ⌄ gbi...



Get data

How-to



Hello nl-bif,

Your download is available at the following address:

<https://api.gbif.org/v1/occurrence/download/request/0043332-230224095556074.zip>

## Citation

When using this dataset **please use the following citation:**

GBIF.org (6 March 2023) GBIF Occurrence Download <https://doi.org/10.15468/dl.g2qw2a>

## Download Information

DOI: <https://doi.org/10.15468/dl.g2qw2a> (may take some hours before being active)

Creation Date: 17:29:30 6 March 2023

Records included: 24881 records from 6 published datasets

Compressed data size: 3.6 MB

Download format: DWCA

Filter used:

```
{  
  "and" : [  
    "Country is Netherlands",  
    "Month is one of (December, January, February)",  
    "TaxonKey is Pyrrhula pyrrhula (Linnaeus, 1758)",  
    "Year 2015-2023"  
  ]  
}
```

PLEASE USE THIS CITATION

GBIF.org (06 Ma...

Copy

FILTER APPLIED 6 MARCH 2023

The download has...

Please expect up to...

A notification email...

Licence: Unspecifi...

RERUN QUERY

## Download file retention

Information about this download will always be available at <https://doi.org/10.15468/dl.g2qw2a> and <https://www.gbif.org/occurrence/download/0043332-230224095556074>

The DWCA file will be kept for six months (until 6 September 2023). You can ask us to keep the file for longer from <https://www.gbif.org/occurrence/download/0043332-230224095556074>

Make sure to read the [data user agreement](#) and [citation guidelines](#).

# GBIF data gebruik via gbif.org en de API

The screenshot shows a web browser displaying a GBIF occurrence download page. The URL in the address bar is [gbif.org/occurrence/download/0043332-230224095556074](https://gbif.org/occurrence/download/0043332-230224095556074). The page has a green header with links for 'Get data', 'How-to', 'Tools', 'Community', and 'About'. On the right side of the header are various icons for sharing and social media. Below the header, a large red box highlights the main content area. This area includes a 'DOWNLOAD' link and a timestamp '6 MARCH 2023', followed by the text '24,881 occurrences included in download'. A blue 'DOI' button with the identifier '10.15468/dl.g2qw2a' is also present. A green 'DOWNLOAD' button is located below the DOI. At the bottom of the page, there's a section for citation information, a 'FILTER APPLIED' message, and a note about data deletion.

gbif.org/occurrence/download/0043332-230224095556074

Get data How-to Tools Community About

nl-bif

DOWNLOAD | 6 MARCH 2023

24,881 occurrences included in download

DOI 10.15468/dl.g2qw2a

DOWNLOAD

PLEASE USE THIS CITATION IN PUBLICATIONS

GBIF.org (06 March 2023) GBIF Occurrence Download <https://doi.org/10.15468/dl.g2qw2a>

Copy BibTex RIS TELL US ABOUT USAGE

FILTER APPLIED 6 MARCH 2023 RERUN QUERY

Licence: CC BY-NC 4.0

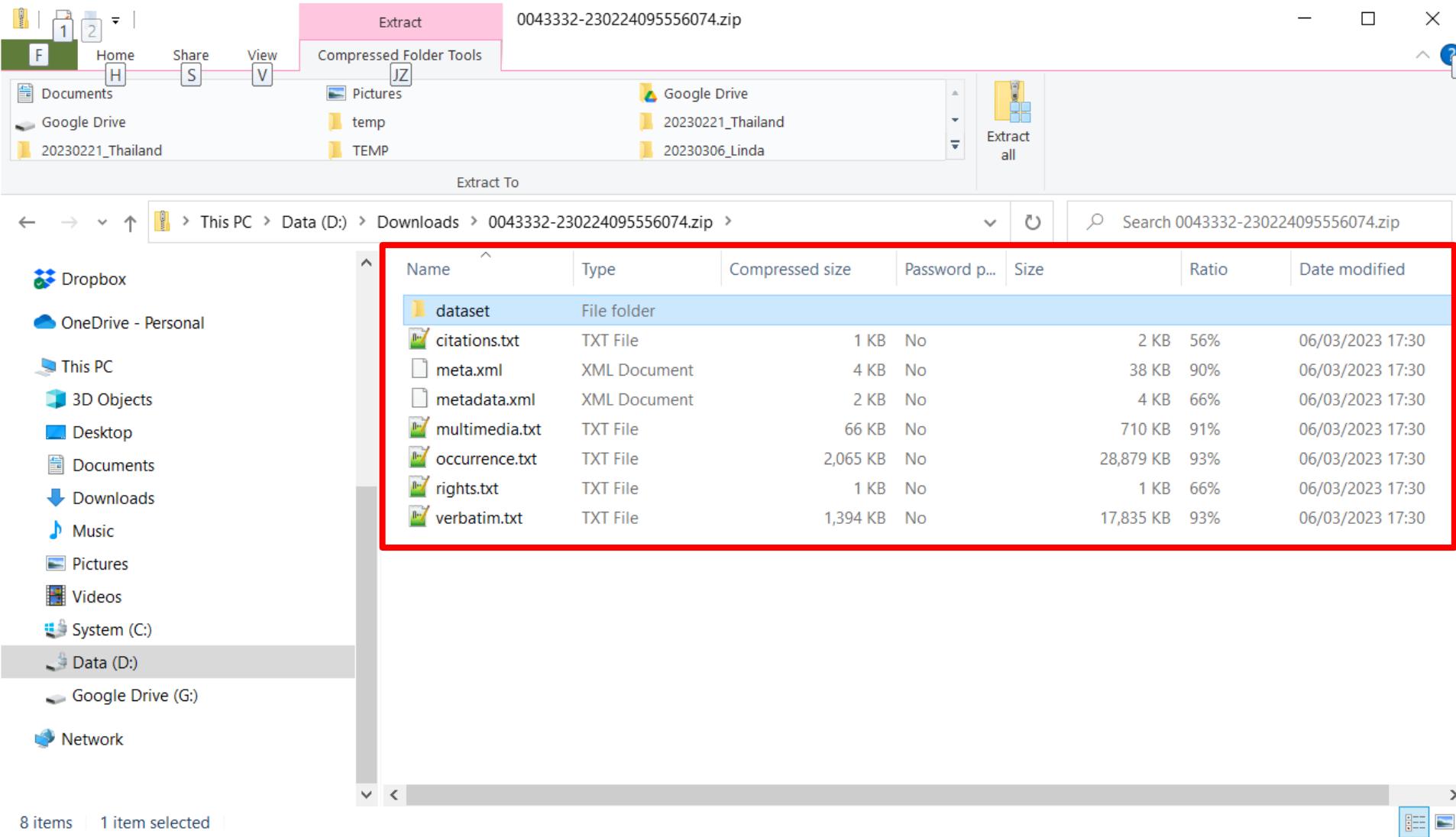
File: 4 MB Darwin Core Archive

Involved datasets: 6

Make sure to read the [data user agreement](#) and [citation guidelines](#).

Unless [GBIF](#) discovers citations of this download, the data file is eligible for deletion after September 6, 2023.

# GBIF data gebruik via gbif.org en de API



The screenshot shows a Windows File Explorer window with the following details:

- Title Bar:** Extract 0043332-230224095556074.zip
- Toolbar:** Home, Share, View, Extract, Compressed Folder Tools (with icon JZ), Google Drive, temp, TEMP.
- Address Bar:** This PC > Data (D:) > Downloads > 0043332-230224095556074.zip >
- Search Bar:** Search 0043332-230224095556074.zip
- Left Sidebar:** Shows links to various drives and locations: Dropbox, OneDrive - Personal, This PC, 3D Objects, Desktop, Documents, Downloads, Music, Pictures, Videos, System (C:), Data (D:), Google Drive (G:), Network.
- Content Area:** A table listing the contents of the ZIP file:

Name	Type	Compressed size	Password p...	Size	Ratio	Date modified
dataset	File folder					
citations.txt	TXT File	1 KB	No	2 KB	56%	06/03/2023 17:30
meta.xml	XML Document	4 KB	No	38 KB	90%	06/03/2023 17:30
metadata.xml	XML Document	2 KB	No	4 KB	66%	06/03/2023 17:30
multimedia.txt	TXT File	66 KB	No	710 KB	91%	06/03/2023 17:30
occurrence.txt	TXT File	2,065 KB	No	28,879 KB	93%	06/03/2023 17:30
rights.txt	TXT File	1 KB	No	1 KB	66%	06/03/2023 17:30
verbatim.txt	TXT File	1,394 KB	No	17,835 KB	93%	06/03/2023 17:30
- Status Bar:** 8 items | 1 item selected

# GBIF data gebruik via gbif.org en de API

C:\Users\Niels\AppData\Local\Temp\Temp1\_0043332-23022409556074.zip\occurrence.txt - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

occurrence.txt

```
1 gbifID abstract accessRights accrualMethod accrualPeriodicity accrualPolicy alternative audience available bibliographicCitation conformsTo contributor coverage created creator date dateAccepted dateCopyrighted dateSubmitted description educationLevel extent format hasFormat hasPart hasVersion identifier instructionalMethod isFormatOf isPartOf isReferencedBy isReplacedBy isRequiredBy isVersionOf issued language license mediator medium modified provenance publisher references relation replaces requires rights rightsHolder source spatial subject tableOfContents temporal title type valid institutionID collectionID datasetID institutionCode collectionCode datasetName ownerInstitutionCode basisOfRecord informationWithheld dataGeneralizations dynamicProperties occurrenceID catalogNumber recordNumber recordedBy recordedByID individualCount organismQuantity organismQuantityType sex lifeStage reproductiveCondition behavior establishmentMeans degreeOfEstablishment pathway georeferenceVerificationStatus occurrenceStatus preparations disposition associatedOccurrences associatedReferences associatedSequences associatedTaxa otherCatalogNumbers occurrenceRemarks organismID organismName organismScope associatedOrganisms previousIdentifications organismRemarks materialSampleID eventID parentEventID fieldNumber eventDate eventTime startDayOfYear endDayOfYear year month day verbatimEventDate habitat samplingProtocol sampleSizeValue sampleSizeUnit samplingEffort fieldNotes eventRemarks locationID higherGeographyID higherGeography continent waterBody islandGroup island countryCode stateProvince county municipality locality verbatimLocality verbatimElevation verticalDatum verbatimDepth minimumDistanceAboveSurfaceInMeters maximumDistanceAboveSurfaceInMeters locationAccordingTo locationRemarks decimalLatitude decimalLongitude coordinateUncertaintyInMeters coordinatePrecision pointRadiusSpatialFit verbatimCoordinateSystem verbatimSRS footprintWKT footprintsRS footprintSpatialFit georeferencedBy georeferencedDate georeferenceProtocol georeferenceSources georeferenceRemarks geologicalContextID earliestEonOrLowestEonothem latestEonOrHighestEonothem earliestEraOrLowestEra them latestEraOrHighestEra them earliestPeriodOrLowestSystem latestPeriodOrHighestSystem earliestEpochOrLowestSeries latestEpochOrHighestSeries earliestAgeOrLowestStage latestAgeOrHighestStage lowestBiostratigraphicZone highestBiostratigraphicZone lithostratigraphicTerms group formation member bed identificationID verbatimIdentification identificationQualifier typeStatus identifiedBy identifiedByID dateIdentified identificationReferences identificationVerificationStatus identificationRemarks taxonID scientificNameID acceptedNameUsageID parentNameUsageID originalNameUsageID nameAccordingToID namePublishedInID taxonConceptID scientificName acceptedNameUsage parentNameUsage originalNameUsage nameAccordingTo namePublishedIn namePublishedInYear higherClassification kingdom phylum class order family subfamily genus genericName subgenus infragenericEpithet specificEpithet infraspecificEpithet cultivarEpithet taxonRank verbatimTaxonRank vernacularName nomenclaturalCode taxonomicStatus nomenclaturalStatus taxonRemarks datasetKey publishingCountry lastInterpreted elevation elevationAccuracy depth depthAccuracy distanceAboveSurface distanceAboveSurfaceAccuracy distanceFromCentroidInMeters issue mediaType hasCoordinate hasGeospatialIssues taxonKey acceptedTaxonKey kingdomKey phylumKey classKey orderKey familyKey genusKey subgenusKey speciesKey species acceptedScientificName verbatimScientificName typifiedName protocol lastParsed lastCrawled repatriated relativeOrganismQuantity level0Gid level0Name level1Gid level1Name level2Gid level2Name level3Gid level3Name iucnRedListCategory eventType 4034965569 148773095  
2 CC_BY_NC_4_0 2023-02-15T12:24:55Z https://www.inaturalist.org/observations/148773095 Andre  
Hosper iNaturalist Observations iNaturalist research-grade observations HUMAN_OBSERVATION  
https://www.inaturalist.org/observations/148773095 148773095 Andre Hosper https://orcid.org/0000-0003-1676-7399  
PRESENT 2023-02-14T16:43:35 16:43:35+01:00 2023 2 14 2023-02-14  
16:43:35+01:00 EUROPE NL Groningen U T Delfiaweg, Groningen, Grönen, NL 333925557 Andre  
53.21447 6.51605 4.0  
Hosper https://orcid.org/0000-0003-1676-7399 2023-02-14T18:15:19 9462 Pyrrhula pyrrhula (Linnaeus, 1758)  
Animalia Chordata Aves Passeriformes Fringillidae Pyrrhula Pyrrhula pyrrhula SPECIES ACCEPTED  
50c9509d-22c7-4a22-a47d-8c48425ef4a7 US 2023-03-01T09:36:05.0752 CONTINENT_DERIVED_FROM_COORDINATES StillImage true false 2494543 2494543  
1 44 212 729 5242 2494543 Pyrrhula pyrrhula Pyrrhula pyrrhula (Linnaeus, 1758) Pyrrhula pyrrhula DWC_ARCHIVE 2023-03-01T09:36:05.0752  
2023-02-28T06:32:53.875Z true NLD Netherlands NLD.5_1 Groningen NLD.5.7_2 Groningen LC  
4034650661 148396945  
CC_BY_NC_4_0 2023-02-10T22:19:11Z https://www.inaturalist.org/observations/148396945 Peter  
Bönnen iNaturalist Observations iNaturalist research-grade observations HUMAN_OBSERVATION  
https://www.inaturalist.org/observations/148396945 148396945 Peter Bönnen  
PRESENT 2023-02-07T10:22:34 10:22:34+01:00 2023 2 7 2023-02-07  
10:22:34 EUROPE NL Limburg 5854 Bergen, Niederlande 51.595641  
6.092876  
2023-02-09T18:56:03 9462 Pyrrhula pyrrhula (Linnaeus, 1758) Animalia Chordata Aves Passeriformes  
Fringillidae Pyrrhula Pyrrhula Pyrrhula SPECIES ACCEPTED 50c9509d-22c7-4a22-a47d-8c48425ef4a7 INS  
Normal text file length:29,571,920 lines:24,883 Ln:1 Col:1 Pos:1 Unix (LF) UTF-8 INS
```

# GBIF data gebruik via gbif.org en de API

The screenshot shows a web browser with the URL [gbif.org/developer/summary](https://gbif.org/developer/summary) in the address bar. The page has a green header with links for 'Get data', 'How-to', 'Tools', 'Community', and 'About'. On the right side of the header are icons for a heart rate monitor, a document, a search bar, and a user profile. Below the header, there's a navigation bar with tabs for 'SUMMARY' (which is active), 'REGISTRY', 'SPECIES', 'OCCURRENCE', 'MAPS', and 'LITERATURE'. The main content area features a red-bordered box containing the text 'DEVELOPER | API DOCS' and 'API Summary' with the URL <https://api.gbif.org/v1/>.

The GBIF API is a RESTful JSON based API. The base URL for v1 you should use is: <https://api.gbif.org/v1/>

The API should be considered stable, as should this accompanying documentation. It is also available with HTTPS. Please report any issues you find with either the API itself or the documentation using the "feedback" button on the top right.

## Content

Sections

Communication

Common operations

Authentication

Enumerations

Roadmap to v2

## API Sections

The API is split into logical sections to ease understanding:

**Registry:** Provides means to create, edit, update and search for information about the datasets, organizations (e.g. data publishers), networks and the means to access them (technical endpoints). The registered content controls what is crawled and indexed in the GBIF data portal, but as a shared API may also be used for other initiatives

**Species:** Provides services to discover and access information about species and higher taxa, and utility services for interpreting names and looking up the identifiers and complete scientific names used for species in the GBIF portal.

**Occurrence:** Provides access to occurrence information crawled and indexed by GBIF and search services to do real time paged search and asynchronous download services to do large batch downloads.

**Maps:** Provides simple services to show the maps of GBIF mobilized content on other sites.

# GBIF data gebruik via [gbif.org](http://gbif.org) en de API

# Key performance indicators

gbif.org/dataset/15f819bd-6612-4447-854b-14d12ee1022d

Get data How-to Tools Community About

OCCURRENCE DATASET | REGISTERED SEPTEMBER 16, 2015

# Naturalis Biodiversity Center (NL) - Botany

Published by [Naturalis Biodiversity Center](#)

Bijmoer R • Scherrenberg M • Creuwels J

4,991,356 OCCURRENCES | 1,623 CITATIONS

DATASET METRICS ACTIVITY [DOWNLOAD](#)

BECAUSE YOU ARE TRUSTED CONTACT

[HISTORY](#) INGEST NOW LOGS

This database contains specimen records from the former herbarium of the Leiden University within the botanical collection of the Naturalis Biodiversity Center (Leiden, Netherlands). The Department of Botany houses the National Herbarium of the Netherlands (NHN) which consists of herbarium collections of the universities of Leiden, Wageningen and Utrecht. In 2010 the collection of the University of Amsterdam also moved to Naturalis. The focal areas of the collection are Southeast Asia, tropical A... [More](#)

**N** **Naturalis**  
Biodiversity Center  
Publication date: January 30, 2023  
Metadata last modified: January 30, 2023  
Hosted by: [Naturalis Biodiversity Center](#)  
Licence: CC0 1.0  
[How to cite](#) DOI 10.15468/ib5ypt

4,991,356 100% 41% 83%

# Key performance indicators

gbif.org/resource/search?contentType=literature&gbifDatasetKey=...

Get data How-to Tools Community About nl-bif

Resources ALL LITERATURE

SEARCH RESOURCES | 1,623 RESULTS

Read more about literature, how it's discovered and linked to GBIF-mediated data.

Precipitation is the main axis of tropical plant phylogenetic turnover across space and time Literature

Ringelberg, J., Koenen, E., Sauter, B., Aebli, A., Rando, J., Iganci, J., ... - (2023) Science Advances

Early natural historians—Comte de Buffon, von Humboldt, and De Candolle—established environment and geography as two principal axes determining the distribution of groups of organisms, laying the foundations for biogeography over the subsequent 200 years, yet the relative importance of these two axes...

Journal article Open access Peer-reviewed

Data referenced in study DOI 10.15468/dl.0ttcm1 DOI 10.15468/dl.3ko5dm DOI 10.15468/dl.3ymuni  
DOI 10.15468/dl.4k4zhq DOI 10.15468/dl.87hdqa DOI 10.15468/dl.8ljqpj DOI 10.15468/dl.95gzq9  
DOI 10.15468/dl.9zjyif DOI 10.15468/dl.ahjxrw DOI 10.15468/dl.bdberq DOI 10.15468/dl.bg8uil  
DOI 10.15468/dl.bli6ug DOI 10.15468/dl.cwclrm DOI 10.15468/dl.cynmca DOI 10.15468/dl.dgx4di  
DOI 10.15468/dl.drw11w DOI 10.15468/dl.e7gb4q DOI 10.15468/dl.fcnbjl DOI 10.15468/dl.femx39  
DOI 10.15468/dl.fun5sf DOI 10.15468/dl.glwqcj DOI 10.15468/dl.gxxret DOI 10.15468/dl.hdmafv  
DOI 10.15468/dl.ic5opx DOI 10.15468/dl.ilgxuv DOI 10.15468/dl.ioo9mw DOI 10.15468/dl.j83m4m  
DOI 10.15468/dl.jhbryb DOI 10.15468/dl.jwrrz4 DOI 10.15468/dl.kj4rzc DOI 10.15468/dl.l45f4x  
DOI 10.15468/dl.lqpri8 DOI 10.15468/dl.m2v18 DOI 10.15468/dl.mf9qjm DOI 10.15468/dl.mueoxb  
DOI 10.15468/dl.nyrn3i DOI 10.15468/dl.ohfef1 DOI 10.15468/dl.oiol1q DOI 10.15468/dl.oivieb  
DOI 10.15468/dl.olcr3l DOI 10.15468/dl.peiayu DOI 10.15468/dl.pmfef26 DOI 10.15468/dl.q8d1pd  
DOI 10.15468/dl.qdqpu1 DOI 10.15468/dl.qgnrcw DOI 10.15468/dl.qmnejj8 DOI 10.15468/dl.qovicd  
DOI 10.15468/dl.ru9fym DOI 10.15468/dl.rv7rtq DOI 10.15468/dl.sgkx8x

https://doi.org/10.1126/sciadv.ade4954

# Key performance indicators

gbif.org/dataset/15f819bd-6612-4447-854b-14d12ee1022d/activity

Get data How-to Tools Community About nl-bif

## Naturalis Biodiversity Center (NL) - Botany

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4,991,356 OCCURRENCES 1,623 CITATIONS

DATASET METRICS ACTIVITY DOWNLOAD

CITATIONS

Year	Citations
2016	~10
2017	~20
2018	~80
2019	~150
2020	~350
2021	~400
2022	~480
2023	~50

1623 citations  
Read more about literature, how it's discovered and linked to GBIF-mediated data.

433,345 download events Download report

# Key performance indicators

gbif.org/dataset/15f819bd-6612-4447-854b-14d12ee1022d/activity

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## Naturalis Biodiversity Center (NL) - Botany

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4,991,356 OCCURRENCES 1,623 CITATIONS

DATASET METRICS ACTIVITY DOWNLOAD

CITATIONS

Year	Citations
2016	~10
2017	~20
2018	~80
2019	~150
2020	~350
2021	~400
2022	~500
2023	~50

1623 citations  
Read more about literature, how it's discovered and linked to GBIF-mediated data.

433,345 download events Download report

# Key performance indicators

gbif.org/dataset/15f819bd-6612-4447-854b-14d12ee1022d/activity

Get data How-to Tools Community About nl-bif

4 OCCURRENCES FROM THIS DATASET

DOI 10.15468/dl.uvnnz4 Date: 7 March 2023 Format: Darwin Core Archive

Occurrences: 82 Involved datasets: 14

Scientific name Argyrolobium filifolia (Pers.)

RERUN QUERY SHOW

1,413 OCCURRENCES FROM THIS DATASET

DOI 10.15468/dl.d4vjxu Date: 7 March 2023 Format: Simple

Occurrences: 373,324 Involved datasets: 1,751

And

- Has coordinate true
- Has geospatial issue false
- Occurrence status present
- Scientific name Melilotus Mill.

RERUN QUERY SHOW

# Key performance indicators

gbif.org/article/1E6v02SFQyhuvB7JqDXPN/citation-widget

Get data How-to Tools Community About nl-bif

## Citation widget

Showcase the uses and reuses of open biodiversity data by displaying data citation results for both individual datasets and publishers



*Psittacus erithacus* observed in Cuvette-Ouest, Congo by aliceantares. Photo via iNaturalist (CC BY-NC 4.0).

# Key performance indicators

gbif.org/article/1E6v02SFQyhuvB7JqDXPN/citation-widget

Get data How-to Tools Community About nl-bif

## Citation count

To show a button with number of citation, simply insert an iframe like below. The important part is the source [https://www.gbif.org/api/widgets/literature/button?YOUR\\_FILTER](https://www.gbif.org/api/widgets/literature/button?YOUR_FILTER).

```
<iframe src="https://www.gbif.org/api/widgets/literature/button?gbifDatasetKey=50c9509d-22c7-4a22-a47d-8c48425ef4a7" scrolling="no" frameborder="0" allowtransparency="true" allowfullscreen="false" style="width: 140px; height: 24px;"></iframe>
```

 3303 citations

## Citation feed

It is also possible to show the feed, by changing the url. The important part is the source [https://www.gbif.org/api/widgets/literature/latest?YOUR\\_FILTER](https://www.gbif.org/api/widgets/literature/latest?YOUR_FILTER).

```
<iframe src="https://www.gbif.org/api/widgets/literature/latest?gbifDatasetKey=50c9509d-22c7-4a22-a47d-8c48425ef4a7" scrolling="no" frameborder="0" allowtransparency="true" allowfullscreen="false" style="width: 100%; height: 350px;"></iframe>
```

 3303 citations

The socio-environmental impacts of tropical crop expansion on a global scale: A case study in cashew

# PROGRAMMA 2023

Tijd	Activiteit		Spreker
9:30 - 10:00	Inloop, ontvangst & koffie		
10:00 - 10:10	Welkom		Niels Raes Node manager
10:10 - 11:00	<ul style="list-style-type: none"> <li>• Ontwikkelingen NLBIF</li> <li>• GBIF resultaten 2022</li> <li>GBIF strategisch meerjarenplan 2023-2027</li> <li>GBIF jaarlijkse werkprogramma 2023</li> <li>• Terugtredende en nieuwe NLBIF Commissie-leden</li> <li>• Opening NLBIF-call 2023</li> </ul>		
11:00 - 11:30	Koffie		
11:30 - 11:50	Europese biodiversiteit projecten	BGE (Biodiversity Genomics Europe)	Rutger Vos
11:50 - 12:10		MAMBO (Modern Approaches to the Monitoring of BiDiversity)	Vincent Kalkman
12:10 - 12:30		BioDT (Biodiversity Digital Twin)	Sharif Islam
12:30 - 13:30	Lunch		
13:30 - 14:30	Workshops	Workshop COL checklistbank & beschermde soortenlijsten	Olaf Bánki
		GBIF data gebruik via gbif.org en de API & Key Performance Indicators (KPIs): Data downloads & Dataset citaties	Niels Raes
14:30 - 15:00	Koffie		
15:00 - 15:15	MOVE2GBIF – GPS-zendergegevens van dieren mobiliseren naar Movebank en GBIF		Peter Desmet
15:15 - 15:30	Automatische beeldherkenning als instrument voor museumcollecties		Sander Pieterse
15:30 - 15:45	Lange-termijn dynamiek van lichaamsgrootte bij vogels		Henk van der Jeugd
15:45 - 16:00	(Ook) Mariene data boven water – GBIF en de Open Data Viewer		Barbara Schoute
16:00 - 16:15	Afsluiting		Niels Raes
16:15 - 17:30	Borrel		