

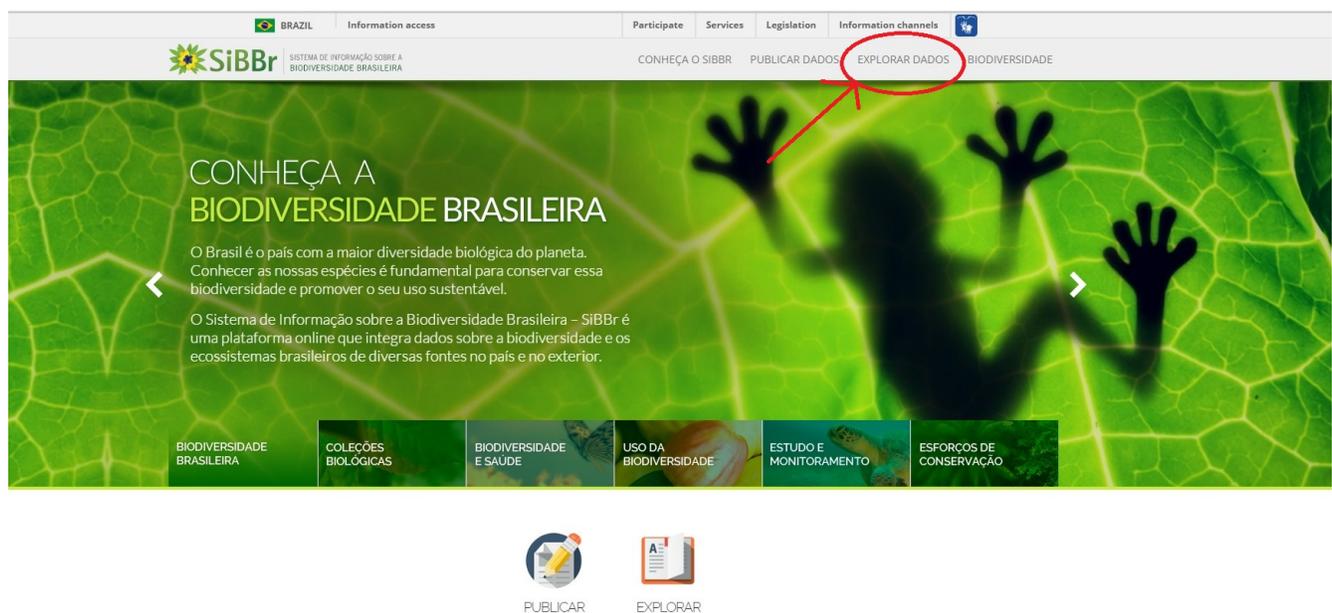
## Making Use of Data on Sibbr

<http://www.sibbr.gov.br/>

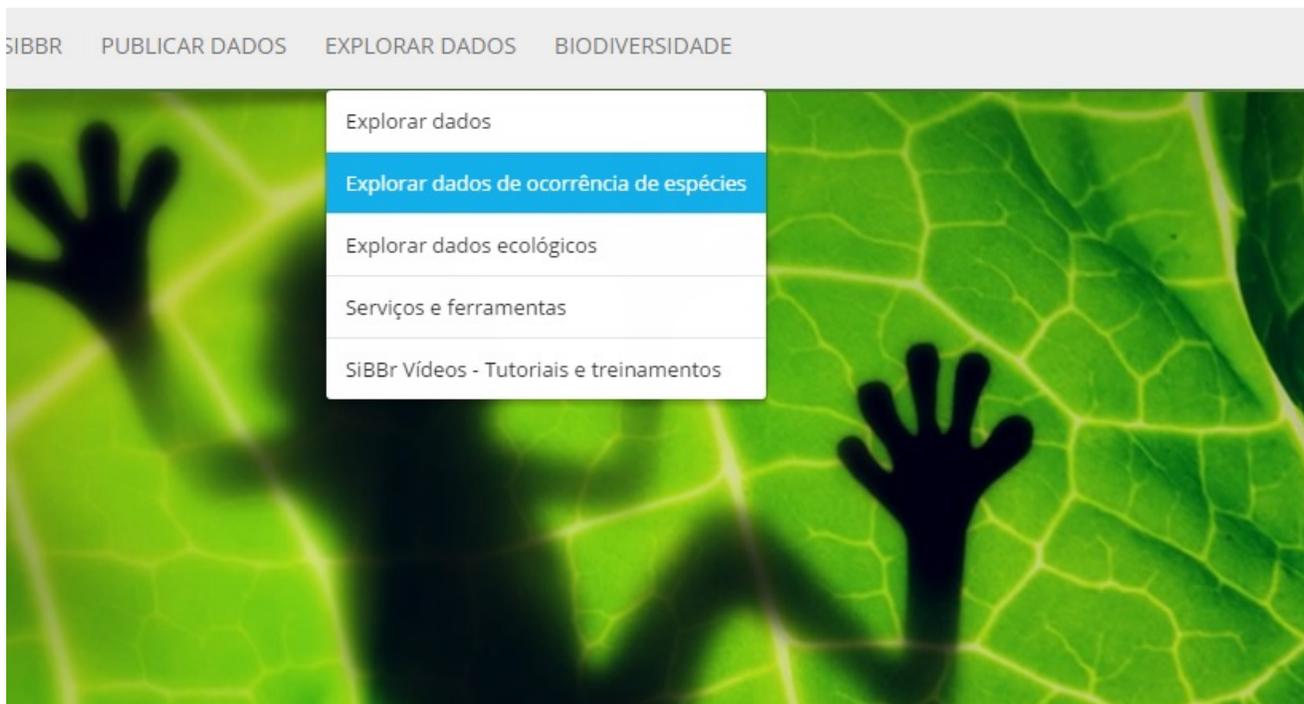
The process of repatriation of data related to Brazilian biodiversity began in 2014 and now there are over 6.3M records 4.3+M of which are georeferenced.



To find this data go to the Explorar dados tab on their website.



And select the Explorar dados do ocorrência de espécies option



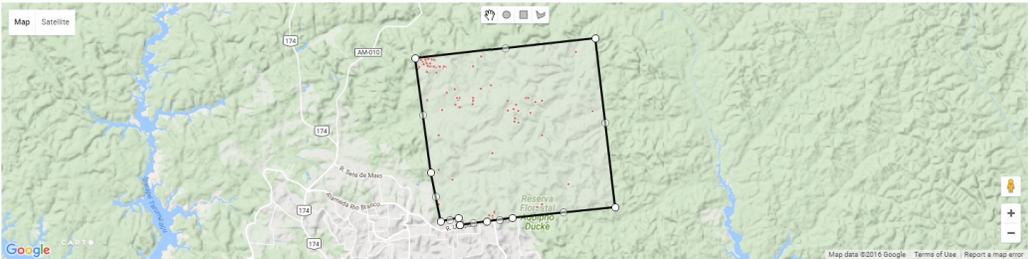
First you will be presented with a map showing all the georeferenced datasets collected by SiBBr.

A screenshot of the SiBBr data explorer interface. The page shows a map of South America with numerous red dots representing georeferenced records. The map is titled 'All 6,323,462 records' and includes a sub-note '(showing only georeferenced records: 4,344,966)'. The interface includes a search bar, a 'Download' button, and a 'Display' button. A sidebar on the right contains a 'Create a new filter' section with a dropdown menu for 'Scientific name' and a search input field. Below this is a list of species names and their corresponding record counts: Myrcia (7173), Eugenia (6972), Telenomus (6959), Coragyps atratus (6942), Pitangus sulphuratus (6287), Casearia sylvestris (5568), Miconia (5257), Solanum (5143), Piper (5111), and Tyranus melancholicus (5015). The 'Current filters' section shows 'No filters selected' and a 'search current filters' button.

You can zoom in to an area of interest and select all the datasets within an area of interest.

2,685 Results  
(showing only georeferenced records: 2,685)

Map view Table view Search Download Display



Map Satellite

Map data ©2016 Google Terms of Use Report a map error

Create a new filter

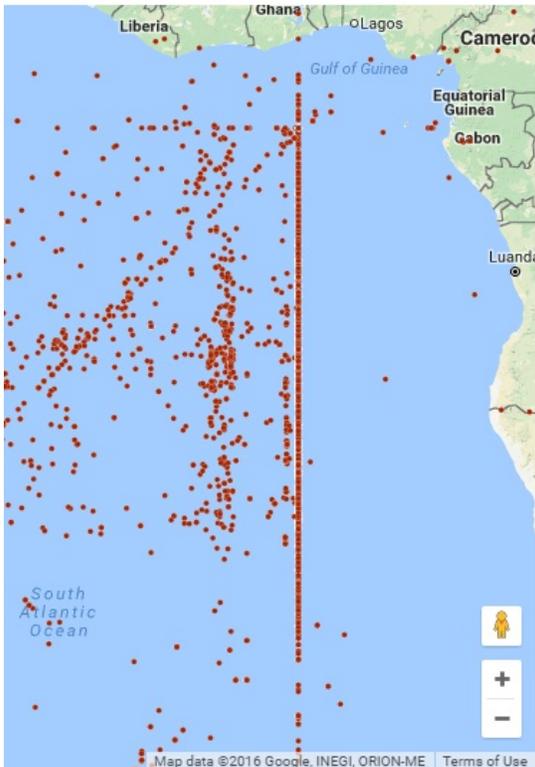
Current filters

Custom drawing (polygon)  
(is in)

search current filters

Or you can select by species or genera and so on

Map view Table view Search Download Display



Liberia Ghana Lagos Cameroon Equatorial Guinea Gabon Luanda South Atlantic Ocean

Map data ©2016 Google, INEGI, ORION-ME Terms of Use

Create a new filter

Scientific name

Classification

- Scientific name
- Kingdom
- Phylum
- Class
- Order
- Family
- Genus
- Specific Epithet
- Infraspecific Epithet
- Taxon rank

Dataset

- Dataset name
- Publisher name

Specimen

- Type specimens
- Collector

Date

- Date

Location

No filters selected.

search current filters

feedback

This example shows all the records for the Genus, Panthera.

141 Results

(showing only georeferenced records: 58)

Map view Table view

Search Download Display



**Create a new filter**

Genus

Ex: Miconia brasiliensis

Miconia	58595
Solanum	57336
Mycia	55913
Eugenia	48926
Mimosa	45014
Chamaecrista	41700
Psychotria	39028
Piper	36847
Croton	34869
Ocotea	34767

**Current filters**

Genus  
Panthera (exact)

[search current filters](#)

The results show georeferenced records as points on a map which can be individually selected to display any associated information.



**Panthera onca subsp. onca (Mammals A49393.7424497)**

This occurrence record belongs to the dataset Dados repatriados

Interpreted view | Original view | More informations about the name | Contact details

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**Classification**

Kingdom	Animalia
Phylum	Chordata
Class	Mammalia
Order	Carnivora
Family	Felidae
Genus	Panthera
Scientific name	Panthera onca subsp. onca (interpreted from: Panthera onca subsp. onca)
Authorship	Not provided

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**Location**

Country	Not provided
State/Province	Not provided
Municipality	Not provided
Locality	Amazon River

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**Specimen**

Collection code	Mammals
Catalog No.	A49393.7424497
Collector	C. Riker
Collector No.	No Number

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**Record**

You can list the results in a table.

141 Results

Map view Table view Search Download Display

Scientific name	Family	Country	State/Province	Locality	Habitat	Start year	Collection code	Catalog No.	Extra
Panthera onca	Felidae						Collection Mammalogie	285-Ma	
Panthera onca	Felidae						Collection Mammalia	15749	
Panthera onca	Felidae						Collection Mammalia	15767	
Panthera	Felidae						MACN-Ma	23-20	
Panthera onca subsp. onca	Felidae	Mato Grosso					Mammals	256376.7288976	
Panthera onca subsp. onca	Felidae			San Luis De Caceres, 100 M S		1939	Mammals	270363.7293792	
Panthera onca subsp. onca	Felidae			Amazon River			Mammals	A49393.7424497	
Panthera onca subsp. onca	Felidae	Para		Tocantim River Valley			Mammals	296385.7288985	
Panthera onca subsp. onca	Felidae					1900	Mammals	100122.7240033	
Panthera onca subsp. onca	Felidae	Para		Tocantim River Valley			Mammals	256386.7288986	
Panthera onca subsp. onca	Felidae			Rio Doce, N Of			Mammals	256389.7216072	
Panthera onca subsp. onca	Felidae	Minas Gerais		Rio Doce			Mammals	256387.7216067	
Panthera onca subsp. onca	Felidae	Minas Gerais		Upper Doce Rio			Mammals	256377.7288977	
Panthera onca subsp. onca	Felidae			Rio Doce, N of			Mammals	256386.7288987	
Panthera onca subsp. onca	Felidae						Mammals	66231	
Panthera onca palustris	Felidae	Mato Grosso		Xarayás Marshes			Mammals	150781	
Panthera onca palustris	Felidae	Mato Grosso		southwestern part of Piru			Mammals	45987	

**Create a new filter**

Genus

Ex: Miconia brasiliensis

- Miconia 58596
- Solanum 57236
- Myrcia 55913
- Eugenia 48926
- Mimosa 45014
- Chamaecrista 41700
- Psychotria 35028
- Piper 36847
- Croton 34869
- Ocotea 34767

**Current filters**

Genus Panthera (exact)

To obtain a copy of these results for study enter your email address and request a download.

You will receive a text file which can be imported into a spreadsheet.

Map view Table view Search Download Display

lo.	Extra
288976	
293792	
424497	
288985	
240033	
288986	
216072	
216067	
288977	
200007	

**Download**

To download all 141 results of your query, please provide your email address below. As soon as the download is ready, you will receive an email with a link to the data.

The data will be packaged as a Darwin Core archive, containing the data as provided by the data publishers.

We will not share your email address with others or use it to send unsolicited messages.

**Your email address**

Your download is in queue. You will receive an email when it is available.

The time to generate your archive will depend on the size of your query. If you have not received the email within the hour, check your spam folder or contact us.



First insert a blank column and then use the function  
`=DATE(MID(AN2;1;4);MID(AN2;6;2);MID(AN2;9;2))`  
 to separate the relevant parts and put them into a date format of your choice.

	AN	AO	AQ	AR	AS
eventDate		Date	eventID	eventRemarks	eventTime
	1890-01-22T00:00Z	01/22/1890			Ps
	1890-01-25T00:00Z	01/25/1890			Ps
	1890-01-27T00:00Z	01/27/1890			Ps
	1927-09-05T00:00Z	09/05/1927			Ps
	1915-04-04T00:00Z	04/04/1915			Ps
	1919-07-08T00:00Z	07/08/1919			Ps
		11/30/1999			Ps
	1997-01-20T00:00Z	01/20/1997			Ps
	1997-12-08T00:00Z	12/08/1997			Ps
	1997-12-07T00:00Z	12/07/1997			Ps

To fix the date as numbers and remove the function you need to copy or cut the column and use paste special.

The 'Paste Special' dialog box is shown with the following settings:

- Selection:**
  - Paste all
  - Text
  - Numbers
  - Date & time
  - Formulae
  - Comments
  - Formats
  - Objects
- Operations:**
  - None
  - Add
  - Subtract
  - Multiply
  - Divide
- Options:**
  - Skip empty cells
  - Transpose
  - Link
- Shift cells:**
  - Don't shift
  - Down
  - Right

The background spreadsheet shows a list of bird species in column AT and their field notes in column AU. The species listed include Psittacidae and several NATIV species.



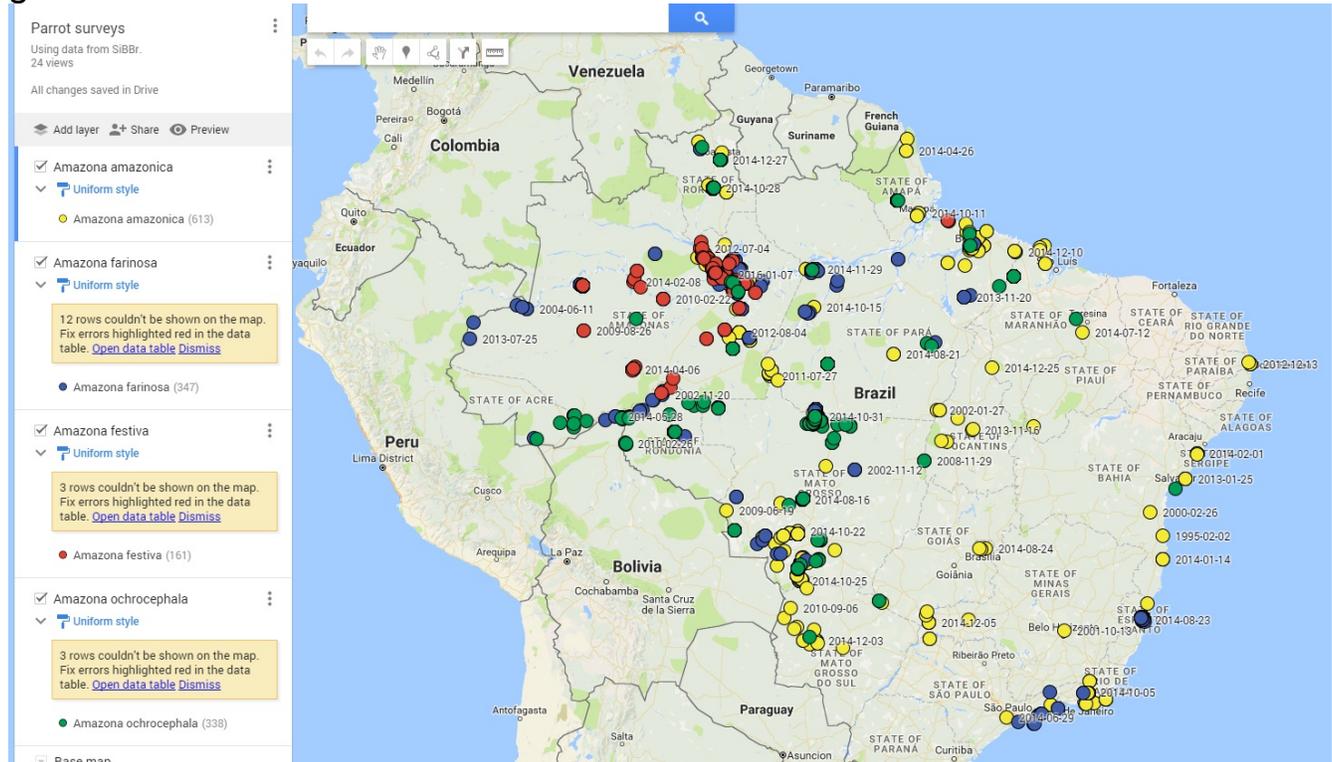
Enter google maps logged on with a google account and select your places and then the MAPS tab. Then select Create Map. Choose a file to import and then select or drag and drop the csv you just created.

You will be asked to select the columns that contain your latitude and longitude, and then the column that you want as the label for each place marker. - Could be the date or species name, depending on what you want.

That's it. You can change the type of place marker and add more layers for different species or whatever is useful.

There are a lot of options for customizing the map.

This map, for example, compares distribution data for 4 species of parrots in the genus *Amazona*.



Please contact Tim Vincent at PPBio for further information or comment.

[timothy.vincent@inpa.gov.br](mailto:timothy.vincent@inpa.gov.br)