

BioModelos

VERSION 2

A quick guide:
Non registered users

biomodelos.humboldt.org.co/en

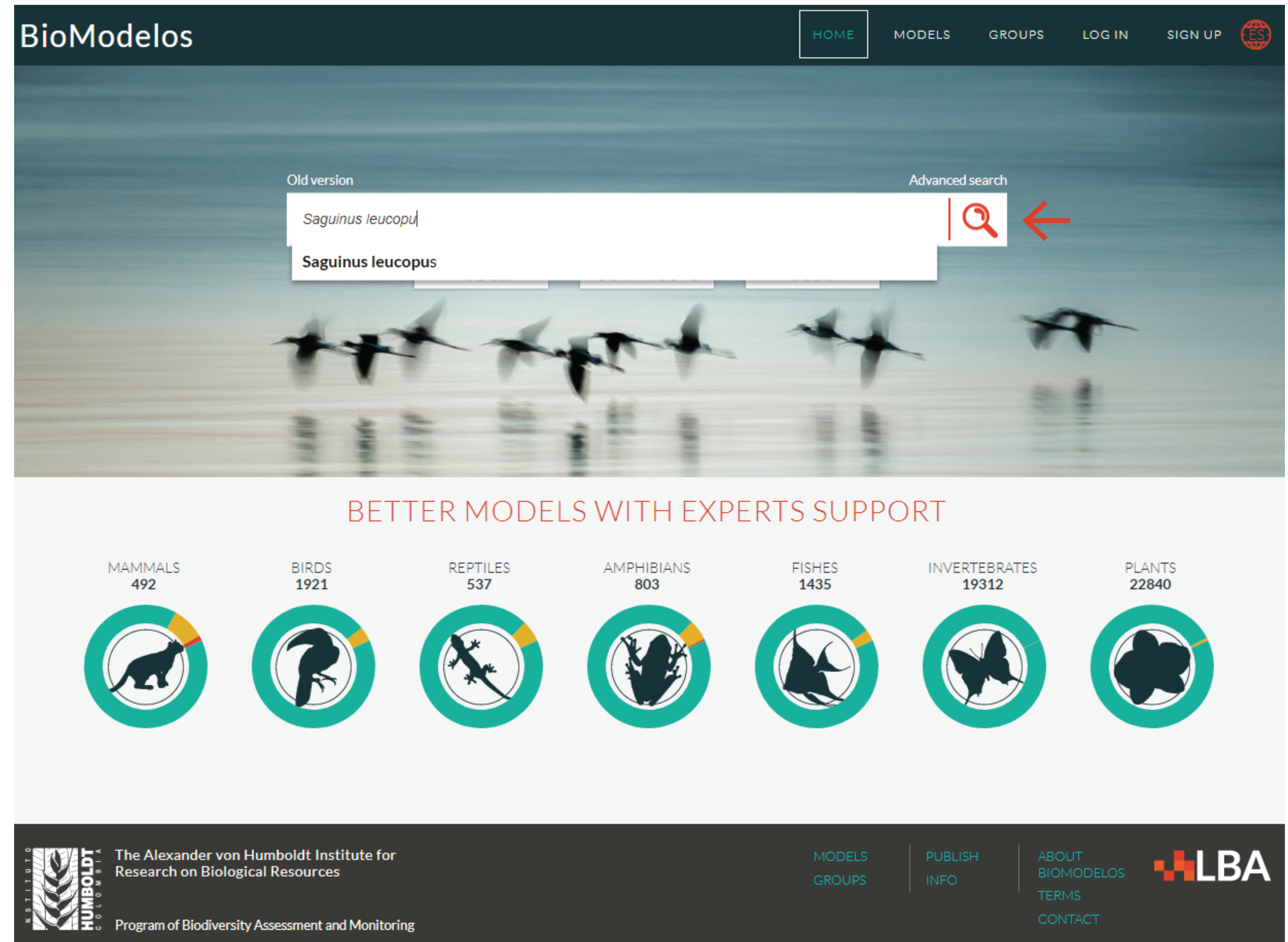


EXPLORE BioModelos

using *Saguinus leucopus*

1

- ▶ Start writing the **name of the species**
- ▶ Select the **correct name** from the drop-down list
- ▶ Click on



The screenshot shows the BioModelos website. At the top, there's a navigation bar with links: HOME, MODELS, GROUPS, LOG IN, and SIGN UP. Below this is a large banner image of birds in flight. A search bar is overlaid on the banner, showing the text 'Saguinus leucopu' and a dropdown list with 'Saguinus leucopus'. A red arrow points to the search button. Below the banner, there's a section titled 'BETTER MODELS WITH EXPERTS SUPPORT' featuring seven circular icons representing different animal groups: MAMMALS (492), BIRDS (1921), REPTILES (537), AMPHIBIANS (803), FISHES (1435), INVERTEBRATES (19312), and PLANTS (22840). The footer contains the logo of The Alexander von Humboldt Institute for Research on Biological Resources, the Program of Biodiversity Assessment and Monitoring, and links to MODELS, GROUPS, PUBLISH, INFO, ABOUT BIOMODELOS, TERMS, and CONTACT. The LBA logo is also present.

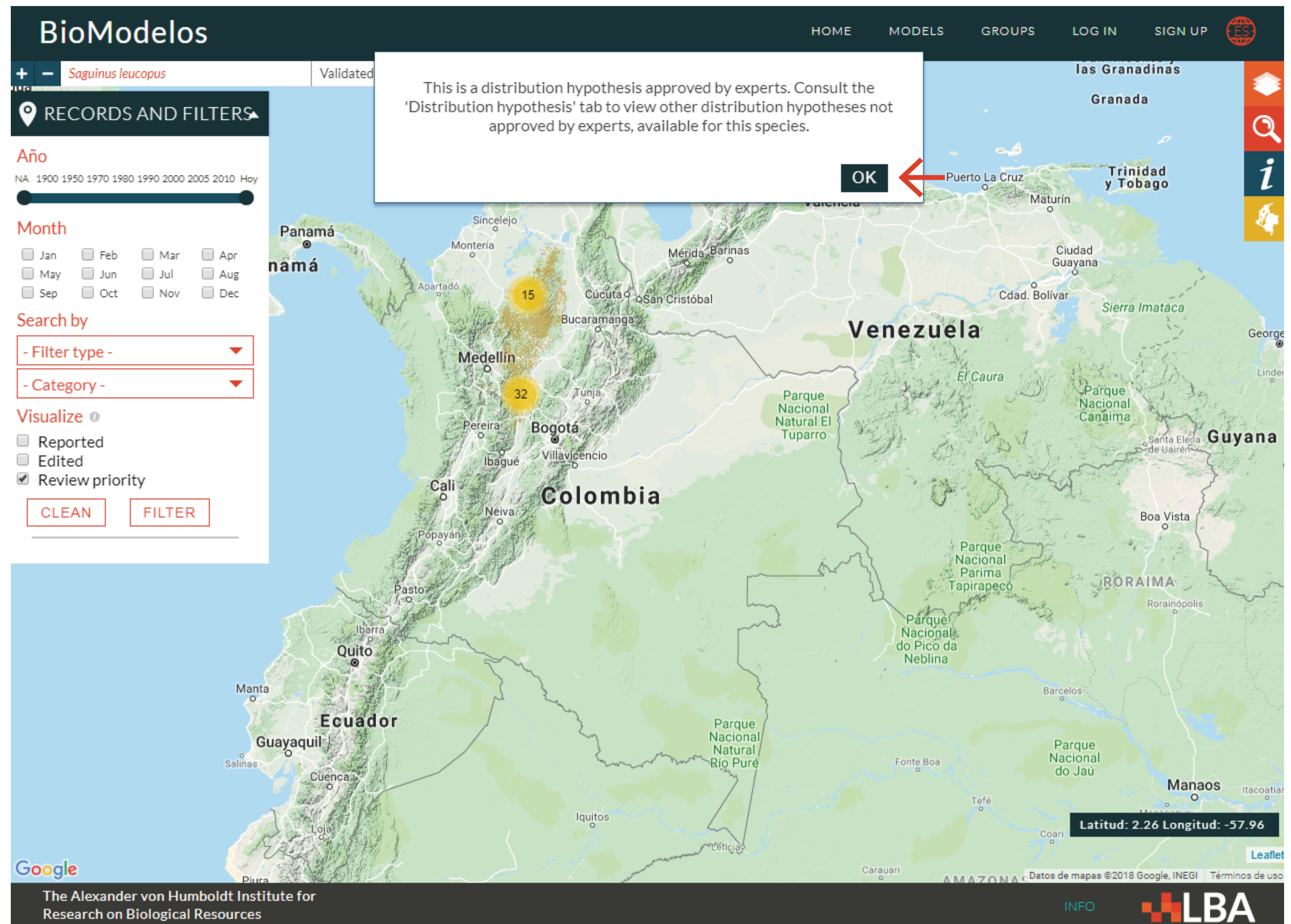
EXPLORE BioModelos

using *Saguinus leucopus*

2

► Select “OK” on the pop-up message

(This message describes the status of the species distribution model)



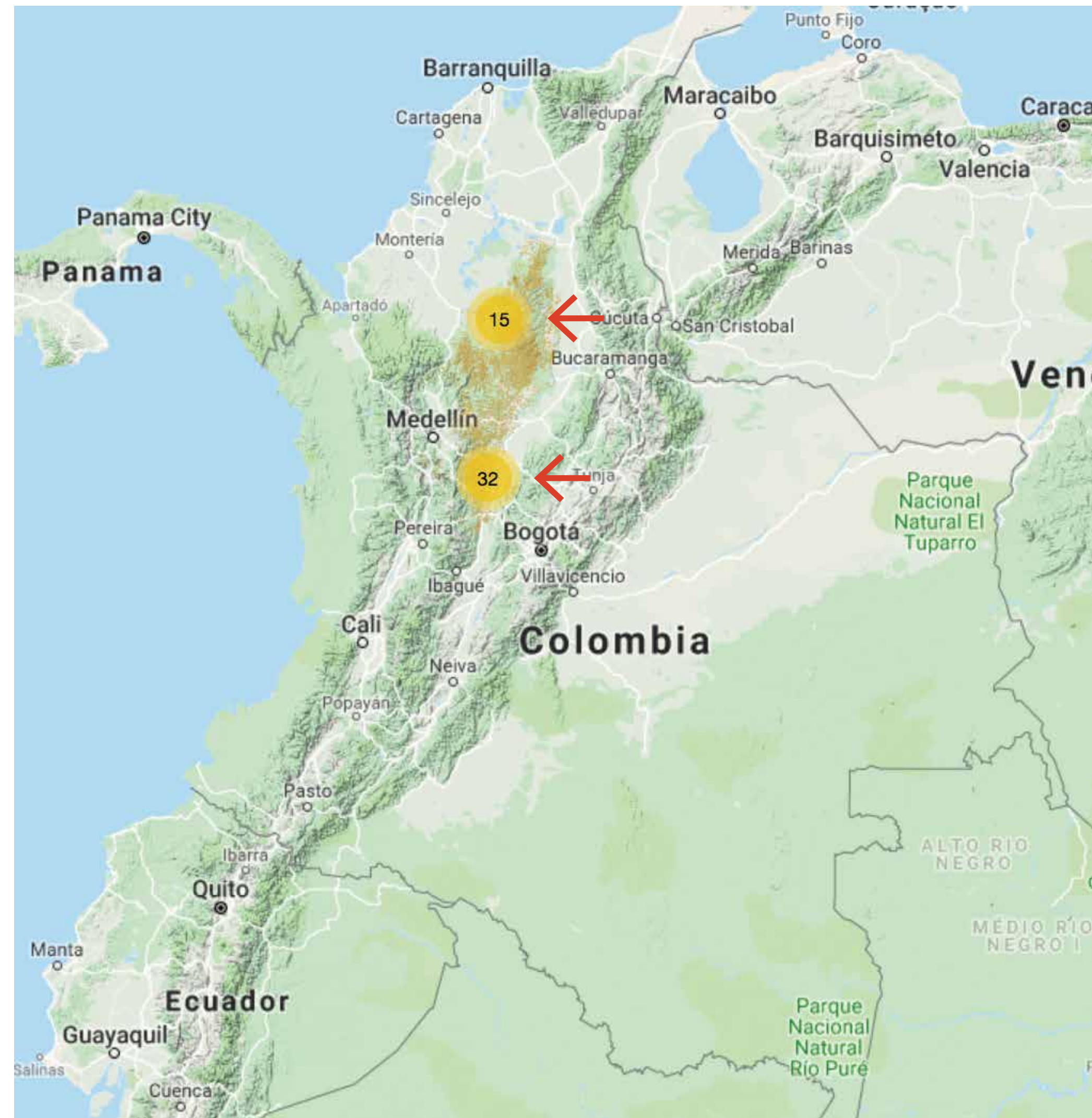
EXPLORE **BioModelos**

using *Saguinus leucopus*

3

► Explore the
occurrences

(Clicking the
«circles-number»)
and the available
distribution model

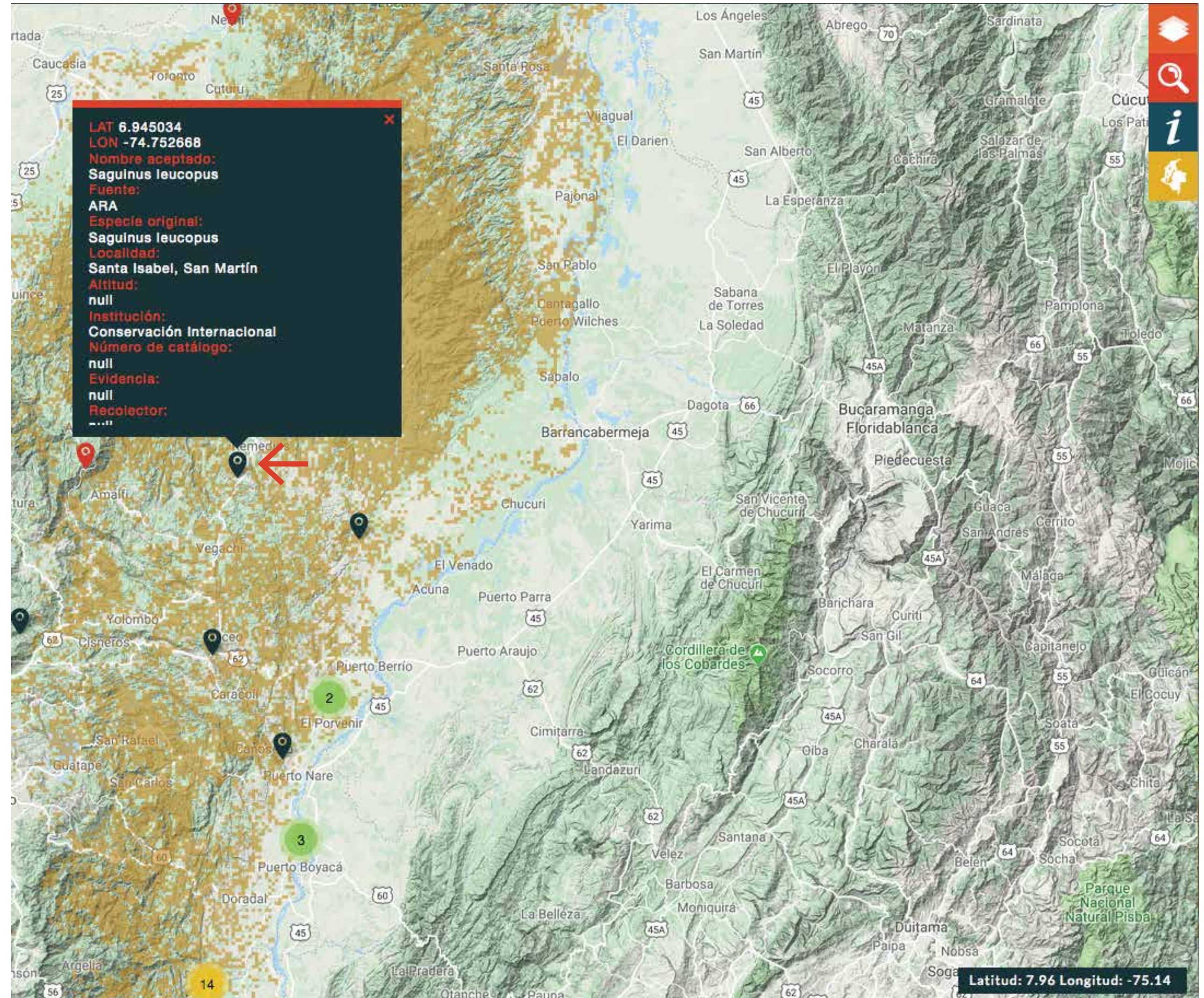


EXPLORE BioModelos

using *Saguinus leucopus*

4

- ▶ Click on the **records icons** 📍 to show a information box
(It contains some information associated with the occurrence)



EXPLORE BioModelos

using *Saguinus leucopus*


5


► You can **filter** the occurrence data by date, associated information or status in the “**RECORDS AND FILTERS**” box

Date

Associated information

Status

 RECORDS AND FILTERS ▲

Year
NA 1900 1950 1970 1980 1990 2000 2005 2010 Hoy


Month
☐ Jan ☐ Feb ☐ Mar ☐ Apr
☐ May ☐ Jun ☐ Jul ☐ Aug
☐ Sep ☐ Oct ☐ Nov ☐ Dec

Search by

- Filter type - ▼

- Category - ▼

Visualize ⓘ
☐ Reported
☐ Edited
☒ Review priority

CLEAN

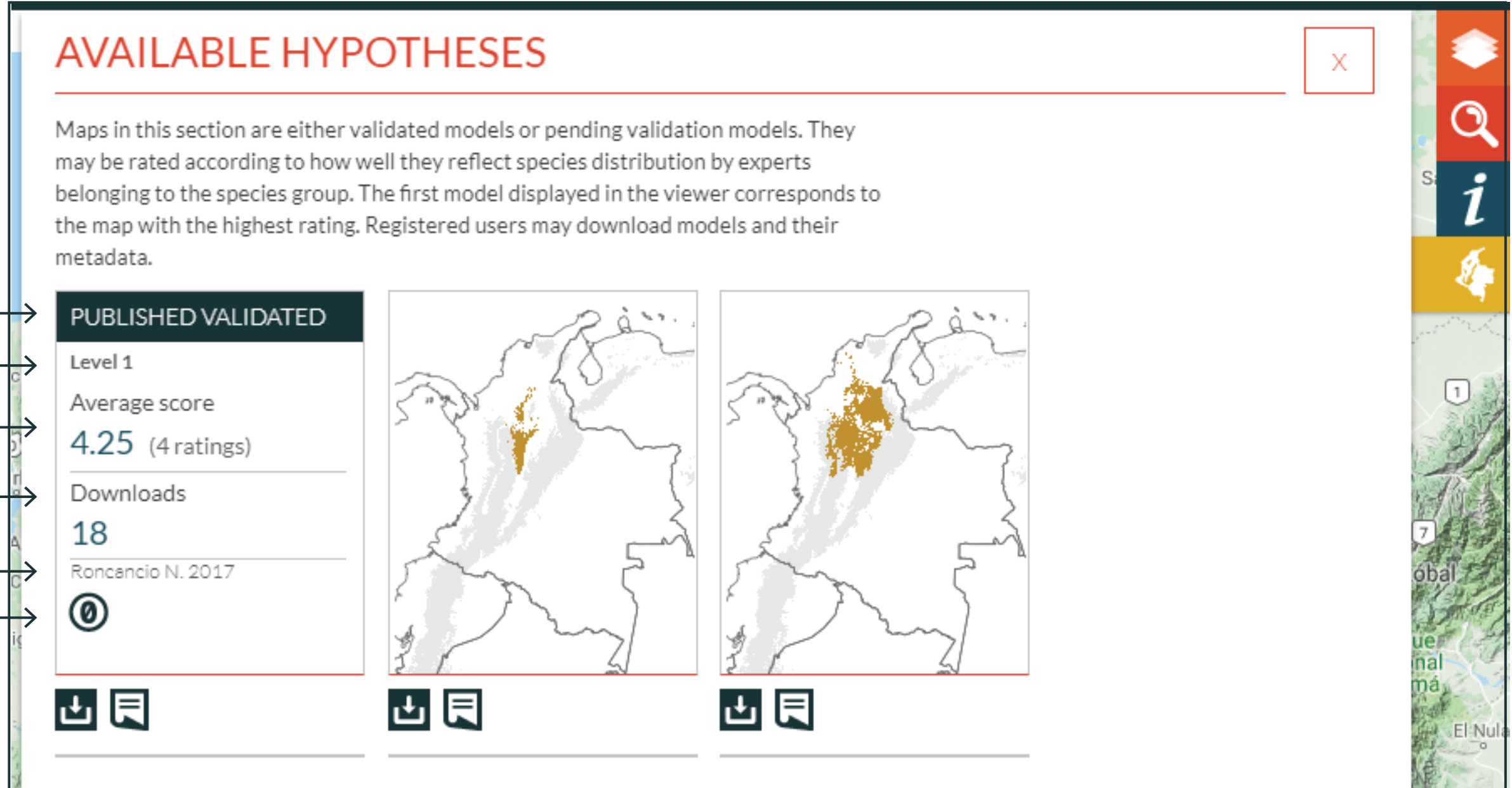
FILTER

EXPLORE BioModelos

6

using *Saguinus leucopus*

Status of the model
Level of the model: 1 = climatic; 2 = clip by cover
Score giving by experts (1⊗to 5✓)
Number of downloads
Short citation
Creative Commons license



AVAILABLE HYPOTHESES

Maps in this section are either validated models or pending validation models. They may be rated according to how well they reflect species distribution by experts belonging to the species group. The first model displayed in the viewer corresponds to the map with the highest rating. Registered users may download models and their metadata.

Model	Status	Level	Average score	Downloads	Short citation	Creative Commons license
1	PUBLISHED VALIDATED	Level 1	4.25 (4 ratings)	18	Roncancio N. 2017	CC BY-NC-SA
2	PUBLISHED	Level 1	4.25 (4 ratings)	18	Roncancio N. 2017	CC BY-NC-SA

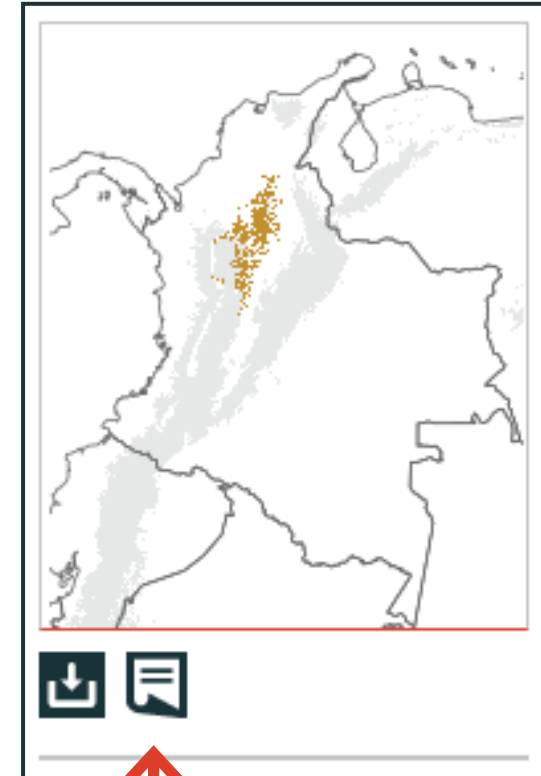
► Explore all the **distribution hypotheses** available for the species

► See the **general information** of the models by moving the mouse on the available hypotheses

EXPLORE BioModelos

using *Saguinus leucopus*

7



► Explore the
metadata of the
model

MODELS METADATA SAGUINUS LEUCOPUS

Model ID: PRI-675

Number of records: 351

Development date: 2017-1-7

INFO

Method Maxent

Threshold null

Validation type Validación cruzada

AUC 0.878

Level Climatic

Documentation [Cap14-Roncancio_et al.pdf](#)

CITATION

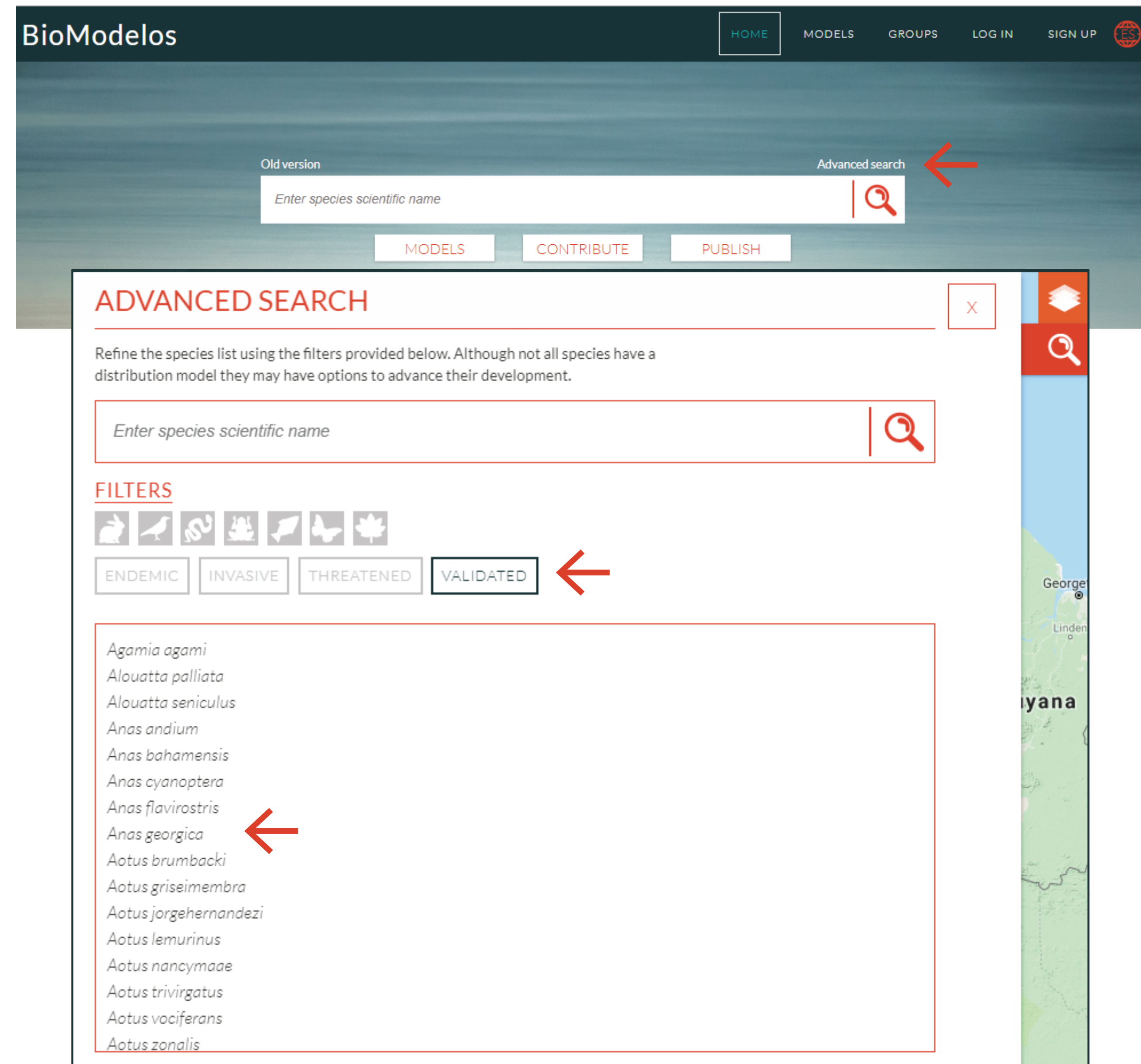
Roncancio N. 2017. Modelo de distribución de *Saguinus leucopus* ID PRI-675. Laboratorio de Biogeografía Aplicada. Instituto Alexander von Humboldt.

http://biomodelos.humboldt.org.co/species/visor?species_id=4238.

LOCATE THE Validated models

8

- ▶ Go to “Advanced search”
- ▶ Select the “**VALIDATED**” filter
- ▶ Select any species from the **result list**



- Check the **stadistic information** calculated from the validated model in the “**Species information**” section

