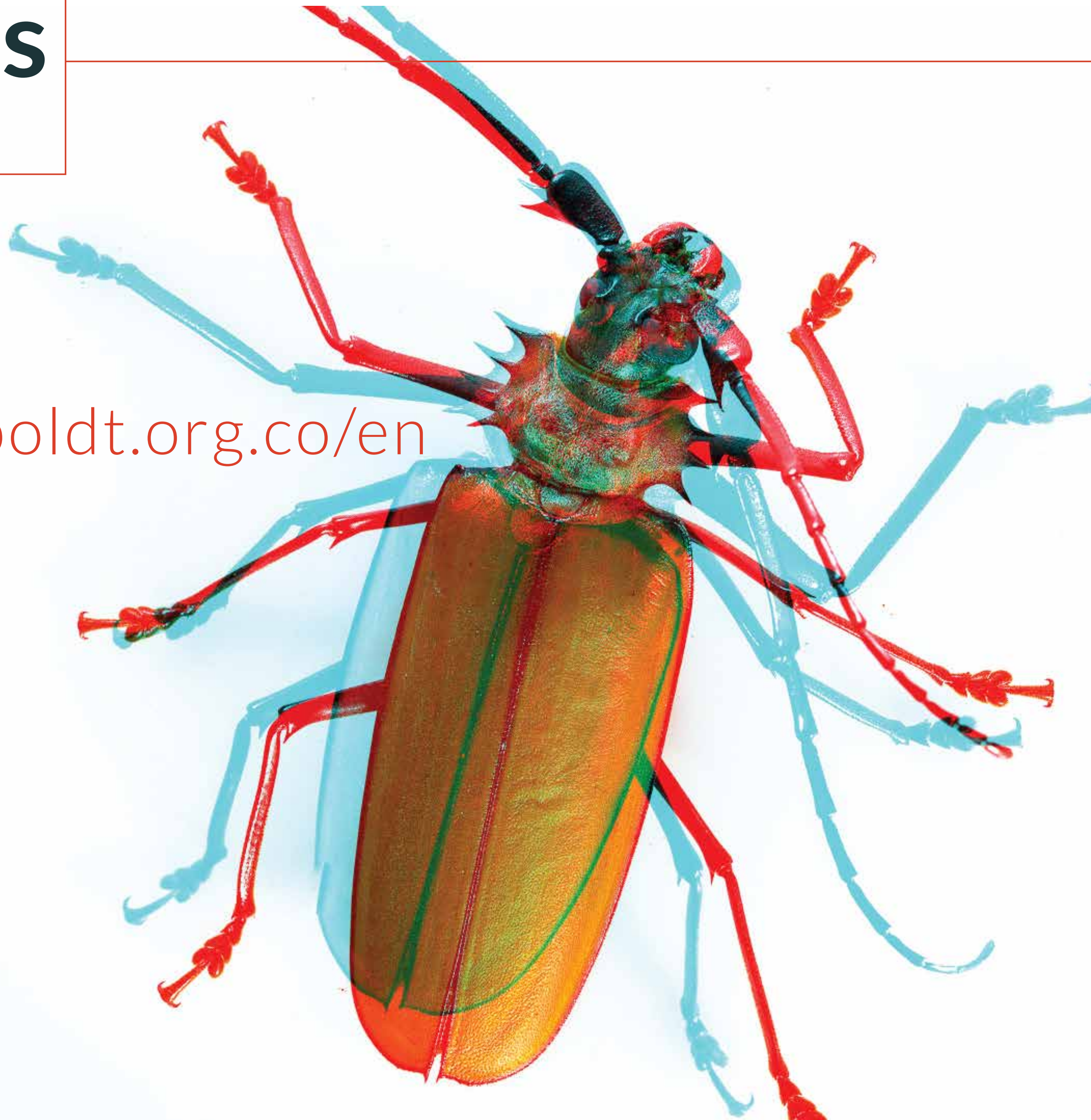


BioModelos

VERSION 2

A quick guide:
Registered users

biomodelos.humboldt.org.co/en

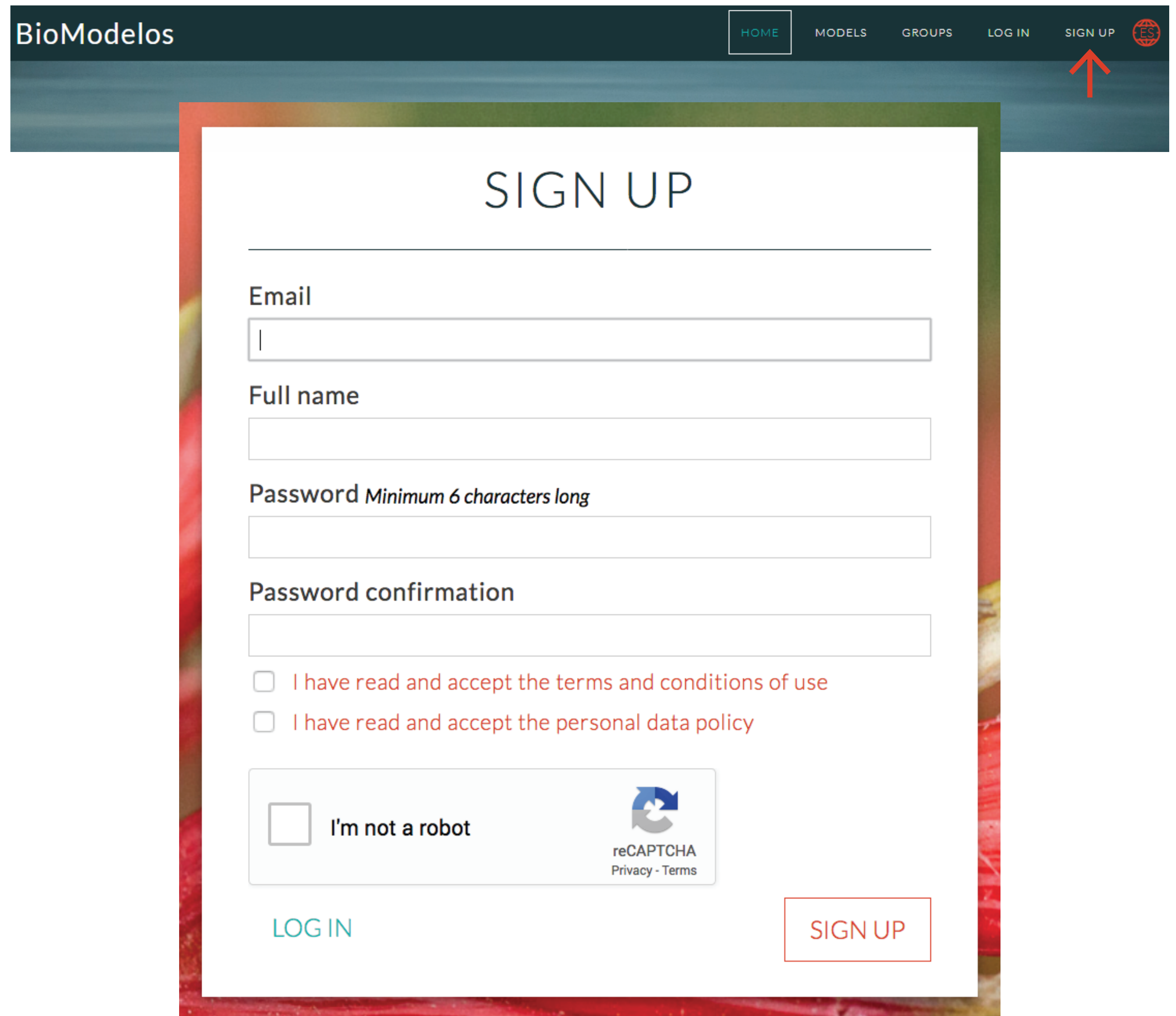


SIGN UP

1

▷ Go to the
“SIGN UP” option

▷ Complete the
information
requested in the
registration form



The screenshot shows the BioModelos website with a dark blue header. The header contains the BioModelos logo on the left and navigation links (HOME, MODELS, GROUPS, LOG IN, SIGN UP) on the right. A red arrow points to the SIGN UP link. Below the header is a large white modal window titled "SIGN UP". The form includes fields for Email, Full name, Password (with a note "Minimum 6 characters long"), and Password confirmation. Below these fields are two checkboxes for accepting terms and conditions, and a reCAPTCHA widget with the text "I'm not a robot". At the bottom of the modal, there is a "LOG IN" link and a "SIGN UP" button.

BioModelos

HOME MODELS GROUPS LOG IN SIGN UP

SIGN UP

Email

Full name

Password *Minimum 6 characters long*

Password confirmation

☐ I have read and accept the terms and conditions of use

☐ I have read and accept the personal data policy

☐ I'm not a robot

reCAPTCHA
Privacy - Terms

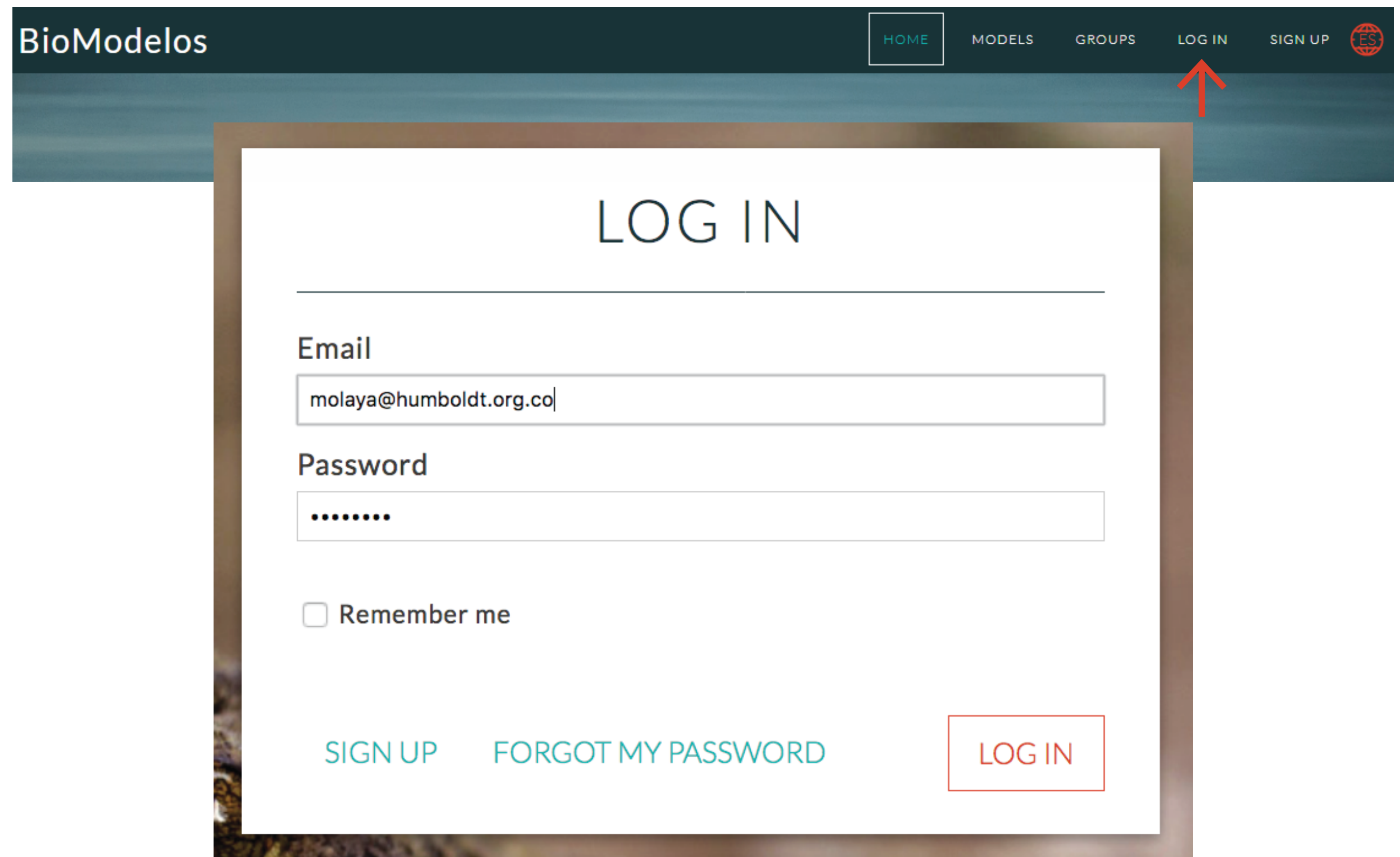
LOG IN

SIGN UP

LOG IN

2

- ▶ Go to the “LOG IN” option
- ▶ Enter your Email and Password



BioModelos

HOME MODELS GROUPS LOG IN SIGN UP

LOG IN

Email

molaya@humboldt.org.co|

Password

.....


☐ Remember me

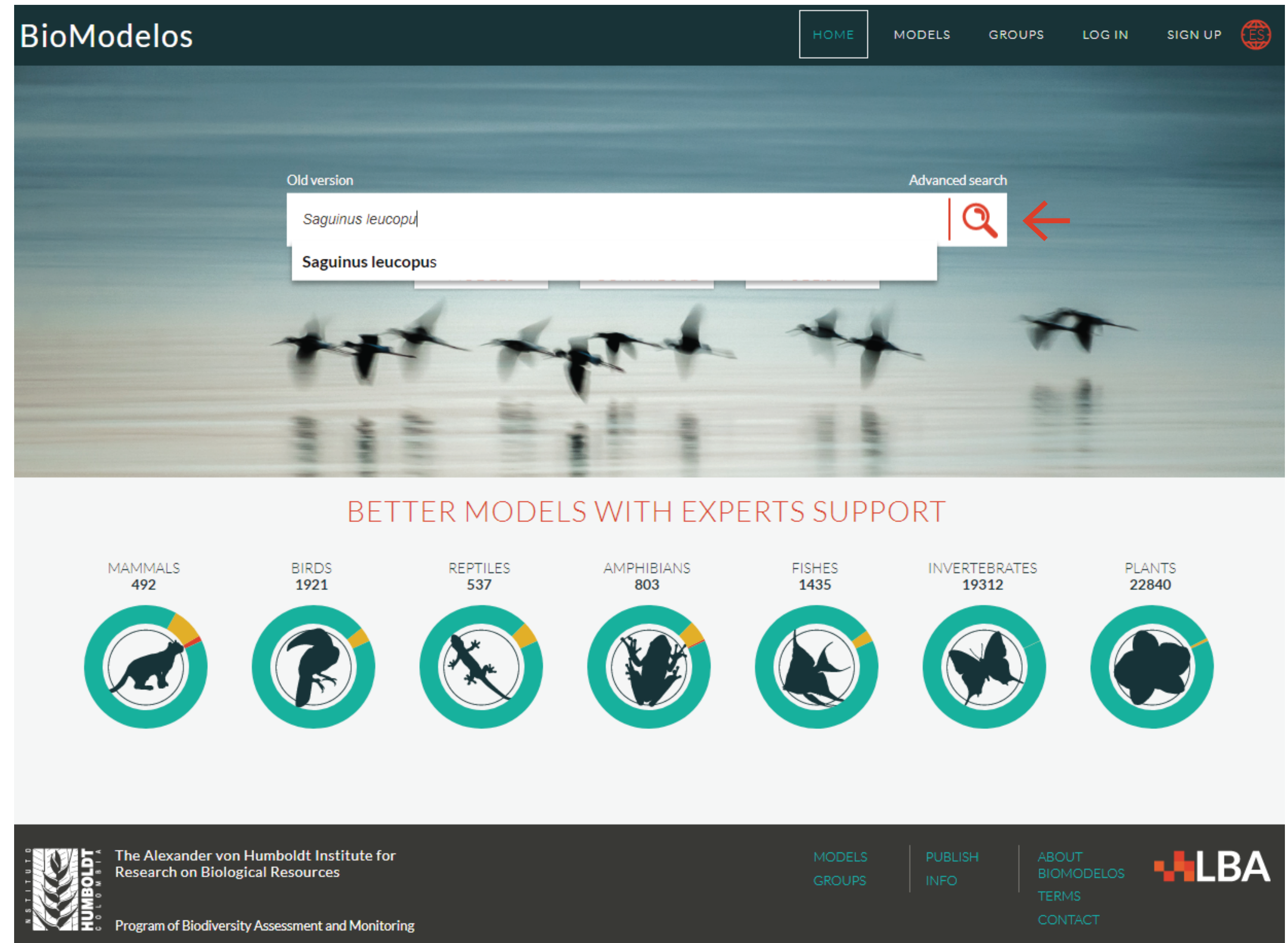
SIGN UP FORGOT MY PASSWORD LOG IN

EXPLORE BioModelos

using *Saguinus leucopus*

3

- ▶ 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 is a navigation bar with links: HOME, MODELS, GROUPS, LOG IN, and SIGN UP. Below the navigation bar is a large banner image of birds in flight. Overlaid on the banner is a search bar. The search bar has a dropdown menu showing "Old version" and "Saguinus leucopus". To the right of the search bar is a magnifying glass icon and a red arrow pointing to it. Below the banner, there is a section titled "BETTER MODELS WITH EXPERTS SUPPORT" which displays seven categories of models: MAMMALS (492), BIRDS (1921), REPTILES (537), AMPHIBIANS (803), FISHES (1435), INVERTEBRATES (19312), and PLANTS (22840). Each category has a corresponding icon and a circular progress indicator. At the bottom of the page, there is a footer with the logo of The Alexander von Humboldt Institute for Research on Biological Resources, the Program of Biodiversity Assessment and Monitoring, and the LBA logo. There are also links for MODELS, GROUPS, PUBLISH, INFO, ABOUT BIOMODELOS, TERMS, and CONTACT.

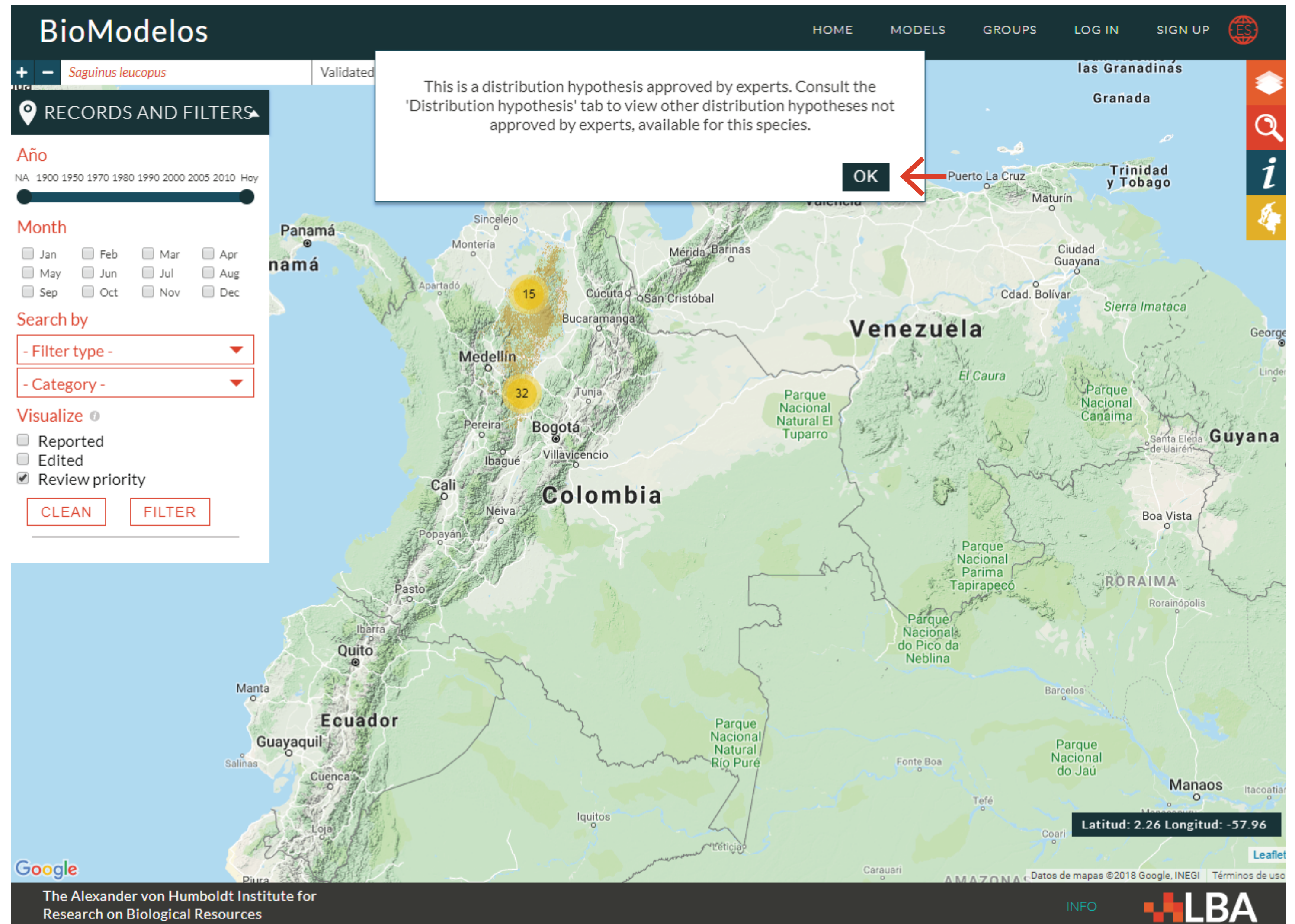
EXPLORE BioModelos

using *Saguinus leucopus*

4

► Select “OK” on the pop-up message

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



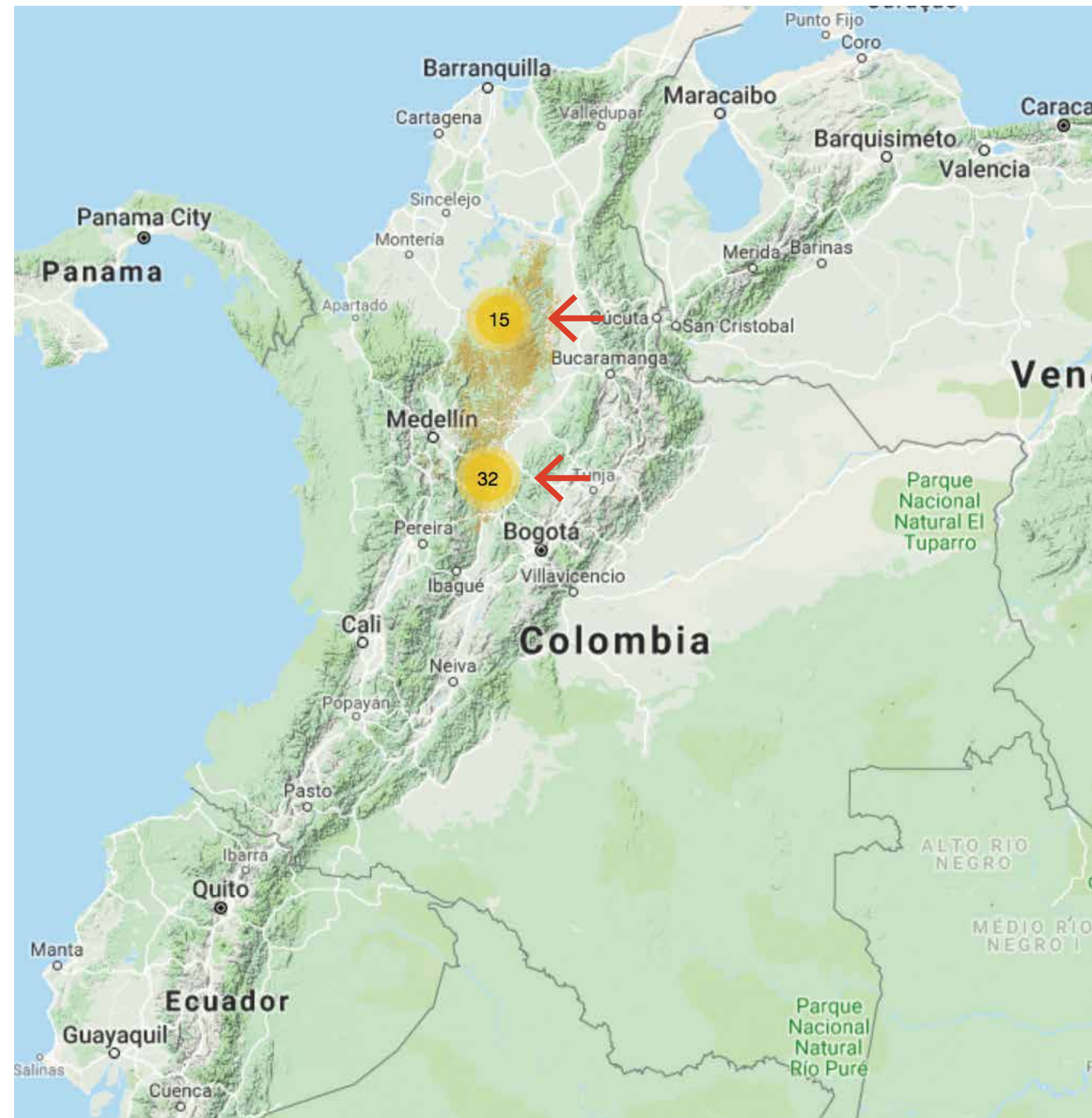
EXPLORE **BioModelos**

using *Saguinus leucopus*

5

► Explore the
occurrences

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

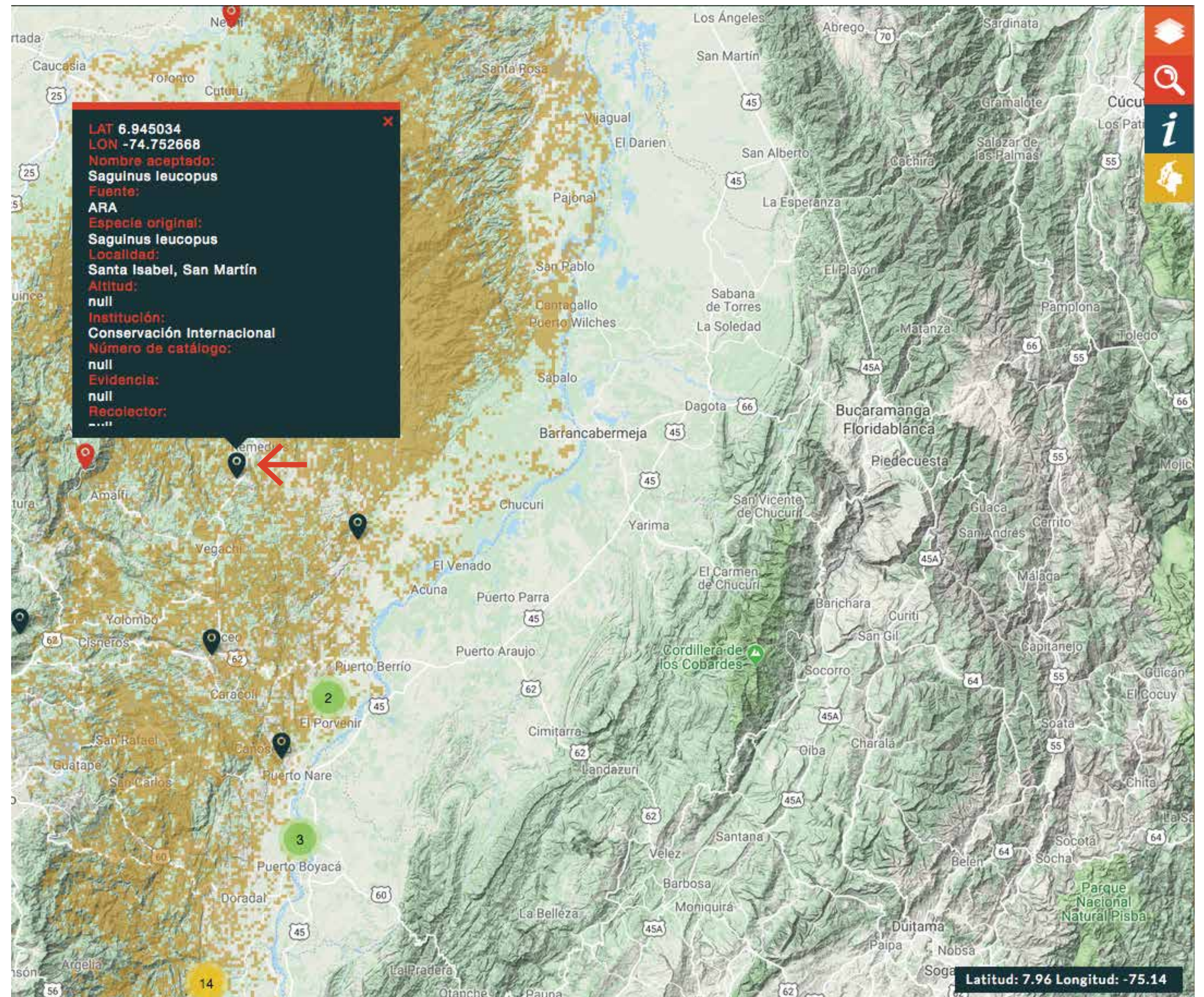


EXPLORE BioModelos

using *Saguinus leucopus*

6

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



EXPLORE BioModelos

using *Saguinus leucopus*


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► 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

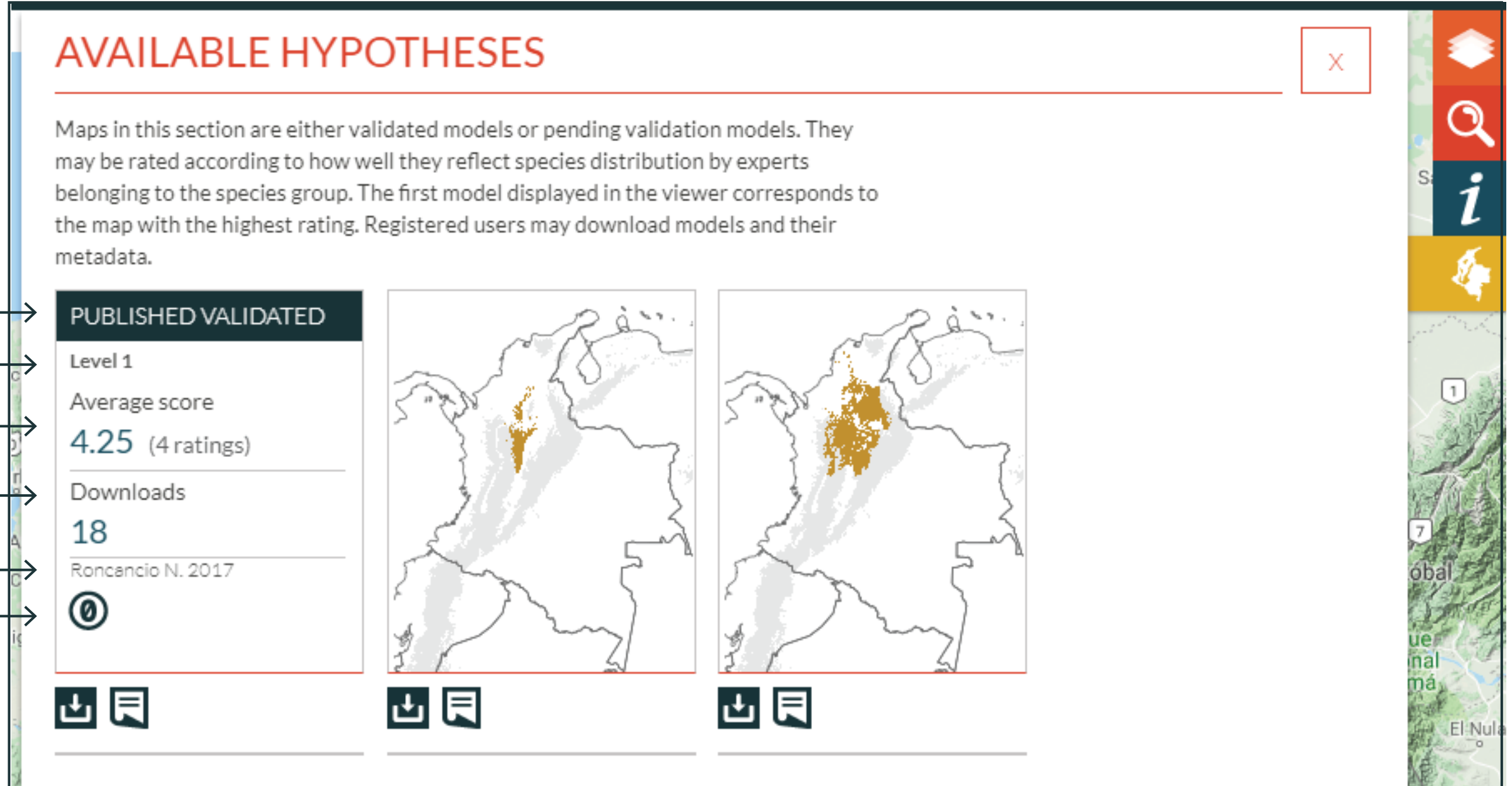
FILTER

EXPLORE BioModelos

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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.

STATUS	LEVEL	AVERAGE SCORE	DOWNLOADS	SHORT CITATION	CC LICENSE	
PUBLISHED	VALIDATED	Level 1	4.25 (4 ratings)	18	Roncancio N. 2017	CC BY
PUBLISHED	VALIDATED	Level 2	4.25 (4 ratings)	18	Roncancio N. 2017	CC BY
PUBLISHED	VALIDATED	Level 2	4.25 (4 ratings)	18	Roncancio N. 2017	CC BY

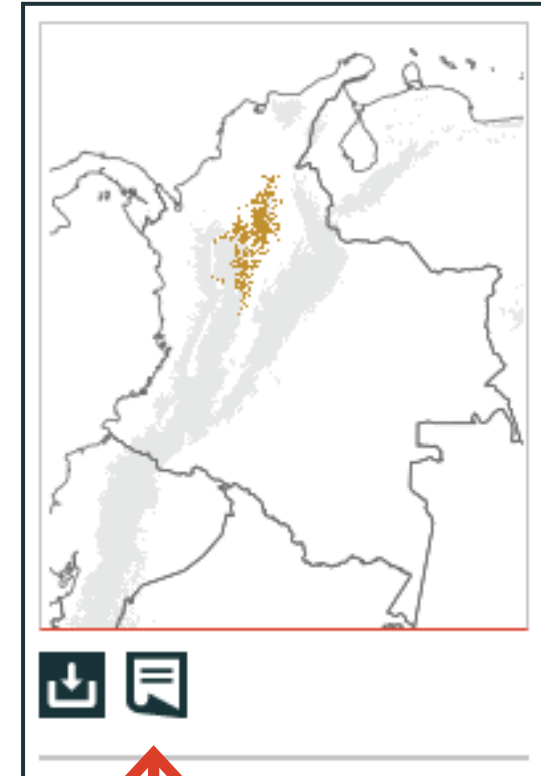
► Explore all the **distribution hypotheses** available for the species

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

EXPLORE BioModelos

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using *Saguinus leucopus*



► 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

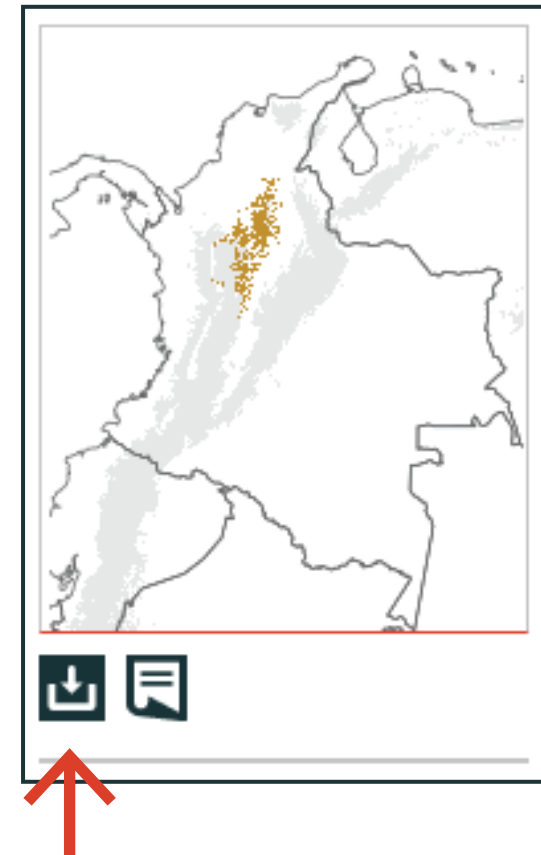
Roncancio N. 2017. Modelo de distribución de *Saguinus leucopus* ID PRI-675. Laboratorio de Biogeografía Aplicada. Instituto Alexander von Humboldt.

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

EXPLORE BioModelos

10

using *Saguinus leucopus*



Before download, remember:

☐ I have read and accept the terms and conditions

Select the use you will give the model:

- ☐ Education activities
- ☐ Applied research
- ☐ Academic research
- ☐ Environmental consulting
- ☐ Bio-prospecting
- ☐ Other

ACCEPT X

▷ Download the model

(zip file with model.tif and metada.csv)

▷ Select the use for the model

LOCATE THE Validated models

11

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

The screenshot shows the BioModelos website. The top navigation bar includes links for HOME, MODELS, GROUPS, LOG IN, and SIGN UP. Below the navigation bar, there is a search bar with the placeholder text "Enter species scientific name". To the right of the search bar is a magnifying glass icon. Below the search bar, there are three buttons: MODELS, CONTRIBUTE, and PUBLISH. The main content area is titled "ADVANCED SEARCH" and includes a sub-header "Refine the species list using the filters provided below. Although not all species have a distribution model they may have options to advance their development." Below this, there is a search bar with the placeholder text "Enter species scientific name" and a magnifying glass icon. Under the search bar, there is a section titled "FILTERS" with several icons representing different species groups. Below the filters, there are four buttons: ENDEMIC, INVASIVE, THREATENED, and VALIDATED. The VALIDATED button is highlighted with a red arrow. Below the filters, there is a list of species names: Agamia agami, Alouatta palliata, Alouatta seniculus, Anas andium, Anas bahamensis, Anas cyanoptera, Anas flavirostris, Anas georgica, Aotus brumbacki, Aotus griseimembra, Aotus jorgehernandezi, Aotus lemurinus, Aotus nancymae, Aotus trivirgatus, Aotus vociferans, and Aotus zonalis. A red arrow points to the species name Anas georgica.

SELECT

Zamia amazonum

12

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

