



*IFLA Green Library Award 2024
Category "Best Green Library"*

Biology Library

Small, but working together it works!

*of the University
of Salamanca
(Spain)*

Intro

The Biology Library of the University of Salamanca (Spain) is a small university library dependent on the Faculty of Biology, integrated in two of its buildings.

Its collection covers numerous thematic areas related to Biodiversity and the Natural Environment such as Zoology, Botany, Ecology, Environment, Anthropology, Biochemistry, Genetics, Microbiology, Animal and Plant Physiology, etc.



It actively collaborates with university research institutes in which our professors participate, such as CEADIR, INCYL, CIALE, IBFG, IBSAL, IRNASA and the Cancer Research Center.



We have an annual acquisitions budget of 10,000 euros and a staff of four permanent members plus a itinerant employee that we share with the rest of the University libraries.

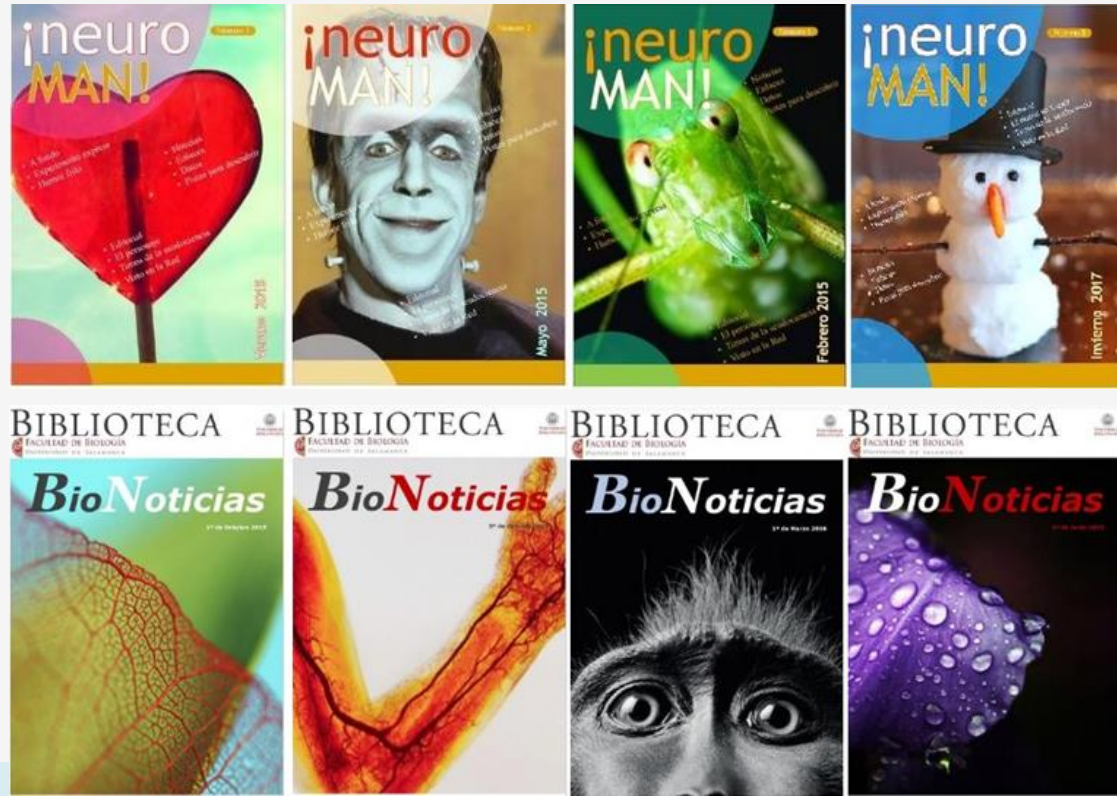


Ángel Poveda is the director of the library, Elena Roldán is the library technician, Elena Mateos and Mariel Sánchez are library assistants and Pilar Hernández is the itinerant library assistant.

Goals

Our goal is to become a key and essential element in the daily activity of the Faculty at all levels, for which we actively collaborate in various projects with teachers, researchers and students, going beyond the traditional responsibilities of a library and documentation center.

And it works! In the annual satisfaction surveys that the Faculty carries out among students, our library is the most valued service.



1

2 rooms in 2 buildings
573 square meters
34.000 user visits

2

253 seats
854 linear meters of shelves
18.098 documents. 539 new acquisitions

3

888 paper magazine subscriptions
4.700.000 views on the Imaginarium visual gallery
32.000 web queries

Priorities

The priorities established in the library are to become an information center in the broadest sense of the term, the active and purposeful support for our students community, and to serve as a link between the Faculty's teaching and research activity and the general public through multiple outreach activities.



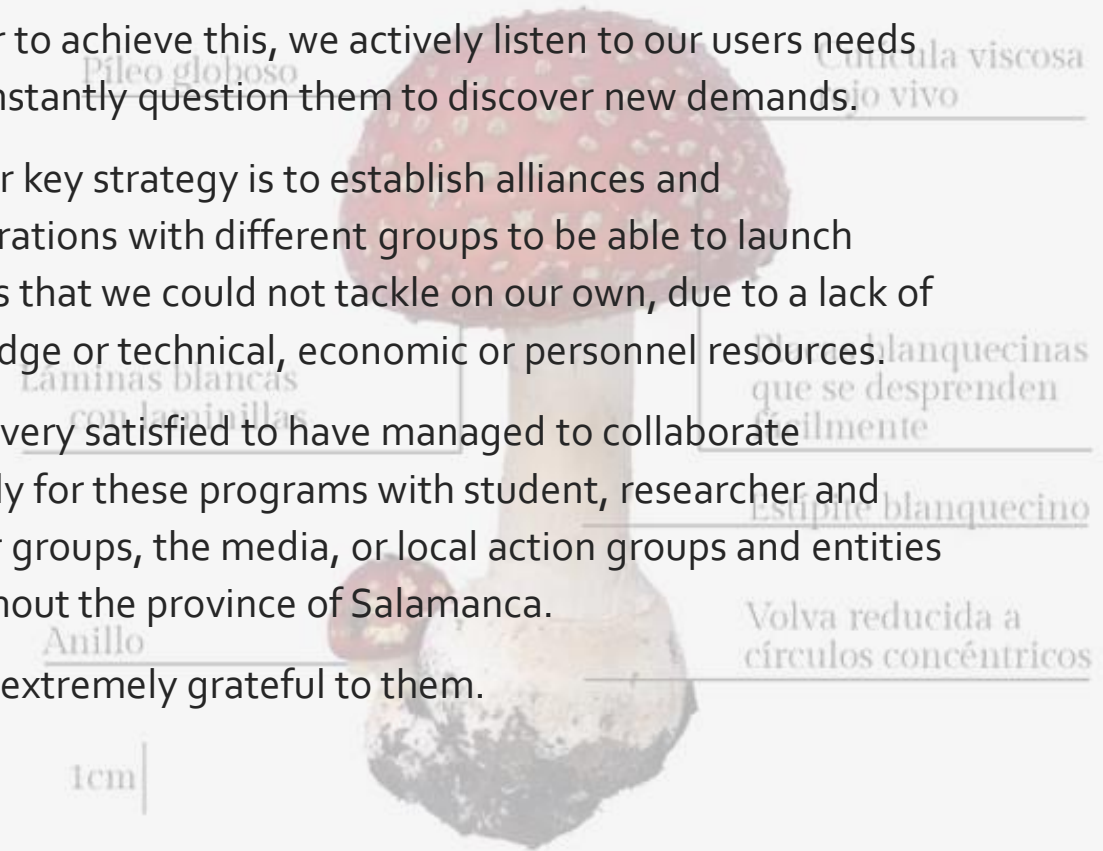
Due to the limited nature of our resources, we have opted for a strategy of prioritizing those services that our users demand and that provide them with the greatest benefit, even if they are not the services a library traditionally offers.

In order to achieve this, we actively listen to our users needs and constantly question them to discover new demands.

Another key strategy is to establish alliances and collaborations with different groups to be able to launch projects that we could not tackle on our own, due to a lack of knowledge or technical, economic or personnel resources.

We are very satisfied to have managed to collaborate regularly for these programs with student, researcher and teacher groups, the media, or local action groups and entities throughout the province of Salamanca.

We are extremely grateful to them.



Some services

Among such priorities, we currently offer the following thriving services to our users:

We will next briefly detail some of the activities that aim to constantly convey the importance and knowledge about the environment in all its facets to the university community and the rest of society.



Dissemination of environmental and scientific information in a broad sense



Dissemination of knowledge, science and respect for the environment to the university community and society in general



Production of new ways of support for teaching and learning



Dissemination of research results



Contribution to the development of the rural environment of the province of Salamanca



Support for students' future employability

Building

BUILDING'S CARBON FOOTPRINT

Built in 2008 at a green natural grassland.

Large windows for natural lighting.

Light sensors to self-regulate the intensity of artificial lighting to real needs.

Thermoregulation by ventilated façade and folding slats in the windows.

Natural gas heating regulated by thermostat in different areas.

Periodicals archive isolated with cork panels.

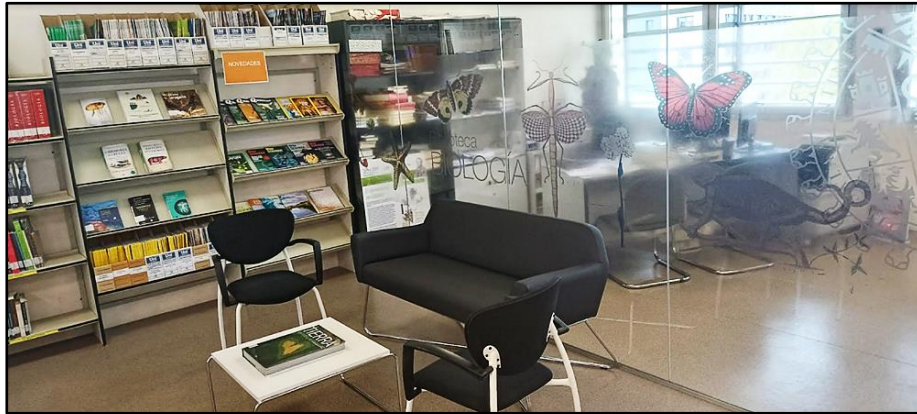
Involved SDGs.

7. Affordable and Clean Energy

11. Sustainable Cities And Communities

13. Climate Action





Guided walks through the parks of Salamanca

INNOVATIVE, CLIMATE SMART INITIATIVE

Activity that brings citizens closer to the flora and fauna that coexist with us in the city: identification, physiology, curiosities and usage. Organized by the library with students acting as guides in groups of 15 citizens. It takes place on Sundays in fall and spring depending on the availability of the students. Since 2016, in 2023, 250 citizens participated.

Involved SDGs.

3. *Good Health and Well-Being*

4. *Quality Education*

11. *Sustainable Cities And Communities*

+Info:

<https://salamancartvaldia.es/noticia/2018-10-28-nueva-edicion-de-los-paseos-ornitoboticos-para-conocer-la-flora-y-fauna-de-la-ciudad-79025>



Responsible Consumption Conference

INNOVATIVE, CLIMATE SMART INITIATIVE

Organizer of the 1st Responsible Consumption Conference, which included a week of 8 seminars, the celebration of the first ecological market in the city of Salamanca with 10 local producers and an exhibition on solutions to climate change.

+Info: <https://consumoresponsable.usal.es>



Involved SDGs.

4. Quality Education

12. Responsible Consumption and Production



JORNADAS CON-SUMA RESPONSABILIDAD:
AGROPRODUCCIÓN SOSTENIBLE EN LA CESTA DE LA COMPRA

Octubre 2023

BioFilm

INNOVATIVE, CLIMATE SMART INITIATIVE

Film, environment and science exhibition organized by the library. A week of screenings of fiction films that address a topic of environmental or scientific interest. After the screening, two researchers specializing in the subject intervene and there is a final debate with the public. We have managed to expand to three exhibition venues for three weeks, including a children section. An average of 1,000 viewers per edition. This year we will hold the sixth edition.



Involved SDGs.

4. Quality Education

13. Climate Action

15. Life On Land

Neuroman magazine

INNOVATIVE, CLIMATE SMART INITIATIVE

Interactive digital magazine —to avoid the contribution to waste paper— on science and the environment aimed at awakening a scientific calling among the adolescent public. Published by the Library, the contents are written by volunteer teachers and students from all types of educational institutions in Spain. After a break, it will be published again in 2024.

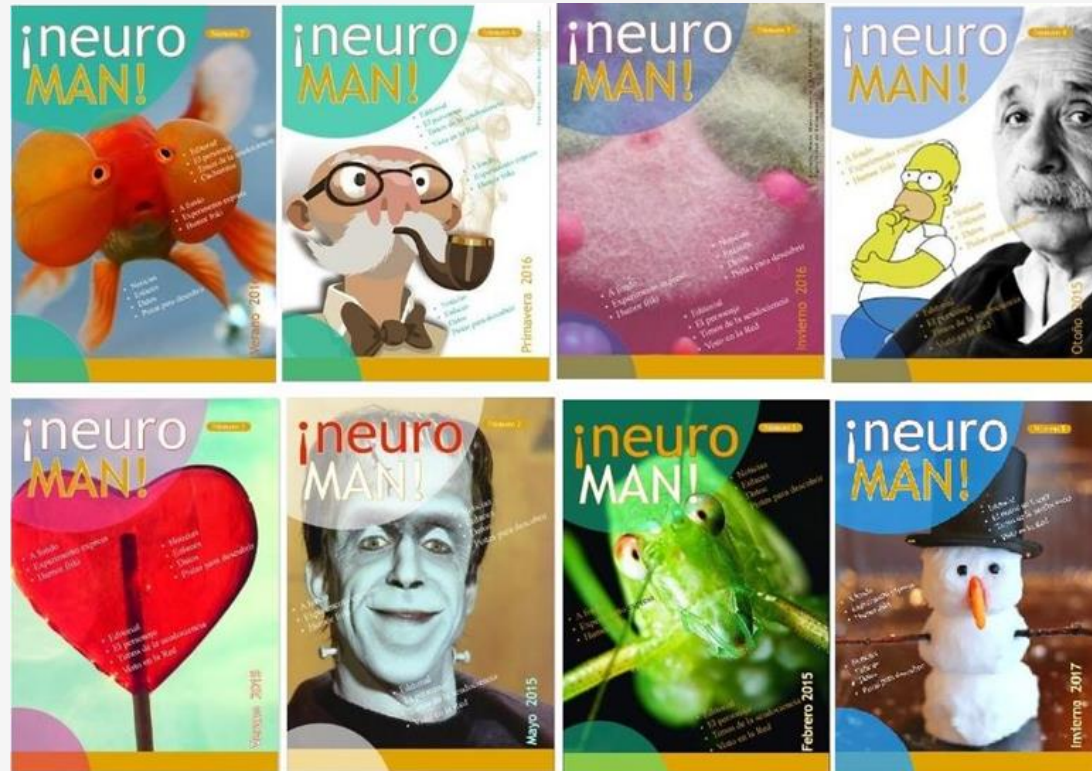
+Info: <https://neuroman.usal.es/>

Involved SDGs.

12. *Responsible Consumption and Production*

13. *Climate Action*

15. *Life On Land*



Bionoticias *magazine*

INNOVATIVE, CLIMATE SMART INITIATIVE

Interactive digital magazine —to avoid the contribution to waste paper— about science and the environment. Published every Monday to publicize the latest news among our students and teachers. Published by the Library. More than 600 volumes.

+Info: <https://issuu.com/bibliotecabiologia>

Involved SDGs.

12. *Responsible Consumption and Production*

13. *Climate Action*

15. *Life On Land*



El Viejo verde

INNOVATIVE, CLIMATE SMART INITIATIVE

Weekly radio program aimed at disseminating news and knowledge about science and the environment. Created and coordinated by the Library, its contents and hosting were carried out by a group of researchers from the University. Last broadcast in 2018.

+Info:

https://www.ivoox.com/podcast-podcast-el-viejo-verde_sq_f1250197_1.html

Involved SDGs.

12. *Responsible Consumption and Production*

13. *Climate Action*

15. *Life On Land*



Loan of non-library material

INNOVATIVE, CLIMATE SMART INITIATIVE

We lend materials for activities in nature to avoid unnecessary shopping and promote reusing habits: 14 binoculars, 10 linen testers, 3 electronic magnifying glasses, 1 photo camera + tripod and 1 video camera.

Involved SDGs.

4. *Quality Education*

15. *Life on Land*



Aprovecha el fin de semana para salir al campo con uno de nuestros cacharritos .

Biblioteca de Biología: Universidad de Salamanca



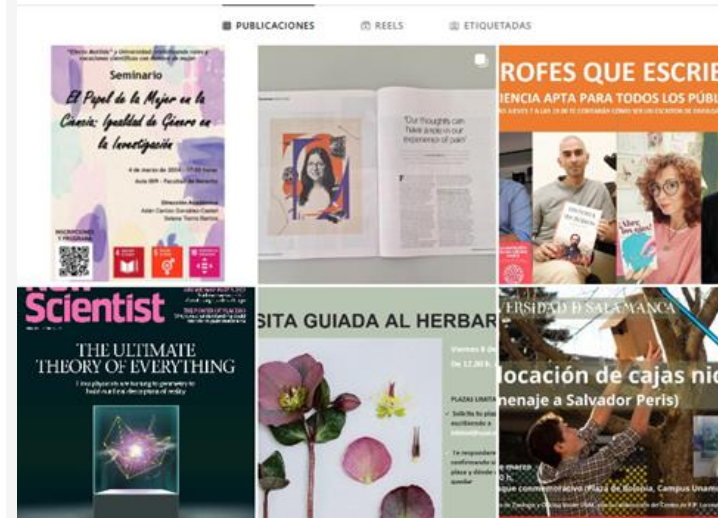
Information channels

COMMUNICATION AND COMMUNITY ENGAGEMENT

Various information channels on environmental and biology topics are supported by our library: website, Instagram, Facebook (+ 4000 subscriptions), YouTube and newsletters on environmental volunteering, activities in nature, training courses and bioemployment through the Bioempleo distribution list, with more than 4000 subscriptions.

Involved SDGs.

17. Partnerships For The Goals



+Info:

www.biblotecabiologia.usal.es

www.facebook.com/biblotecadebiologia

www.youtube.com/channel/UCS1zKe2ZuBWhLce0CUGH6lw/videos

Instagram @biblotecabiologiausal

Green partner I

COMMUNICATION AND COMMUNITY
ENGAGEMENT

- Member of **RECIDA**, the Spanish national network of documentary and environmental information and protected natural spaces.
- Collaborating entity with **CEADIR**, Center for Environmental Studies and Rural Dynamization of the University of Salamanca.

Involved SDGs.

13. *Climate Action*

15. *Life On Land*

17. *Partnerships For The Goals*

+Info:

<https://recida.net>

<https://ceadir.usal.es>



ceadir
UNIVERSIDAD
DE SALAMANCA

Green partner II

COMMUNICATION AND COMMUNITY
ENGAGEMENT

- Participating entity in the four editions of the teaching innovation project of the University of Salamanca **HEALTHY LEISURE FOR STUDENTS OF THE UNIVERSITY POPULATION.**
- Depository for the bibliographic collection of **AHE**, the Spanish Herpetological Association.

Involved SDGs.

3. *Good Health and Well-being*

15. *Life On Land*

17. *Partnerships For The Goals*



+Info:

<https://gredos.usal.es/handle/10366/151818>

<https://herpetologica.es>



Green partner III

COMMUNICATION AND COMMUNITY
ENGAGEMENT

- Collaboration with **LOCAL ACTION GROUPS OF THE RURAL ENVIRONMENT** (Adriss, Adrecag, Adezos and Nordeste) by releasing electronic publications, posters and videos about the rural territory of Salamanca and running workshops addressing the rural territory and its opportunities to students.

Involved SDGs.

12. Responsible Consumption and Production

13. Climate Action

15. Life On Land

17. Partnerships For The Goals



+Info:

<https://adriss.net/wp-content/uploads/2022/04/Guia-26-PASEOS-INESPERADOS.pdf>

<https://www.sierrasdesalamanca.es/publicacion/turisleader/mobile/index.html>

<https://www.youtube.com/watch?v=82Sl6X5392M>

Recycling

SUSTAINABLE WORK PRACTICES

Recycling of paper, plastic, organic waste and toner.

There are specific containers to facilitate waste recycling.

Involved SDGs.

12. Responsible Consumption and Production



Digitalization

SUSTAINABLE WORK PRACTICES

Digitalization of magazines to avoid generating paper copies when there is a demand for articles.

921 digitalized copies.

Involved SDGs.

12. Responsible Consumption and Production



Imaginarium

ADDITIONAL RELEVANT ACTIVITIES

Creation of Imaginarium, an image database for teaching and studying purposes. It includes information about species, their characteristics and habitat. It is used by universities throughout Spain and Latin American countries.

In 2023 it received 4,739,192 views, accumulating more than 51,8 million views since its release in 2010.

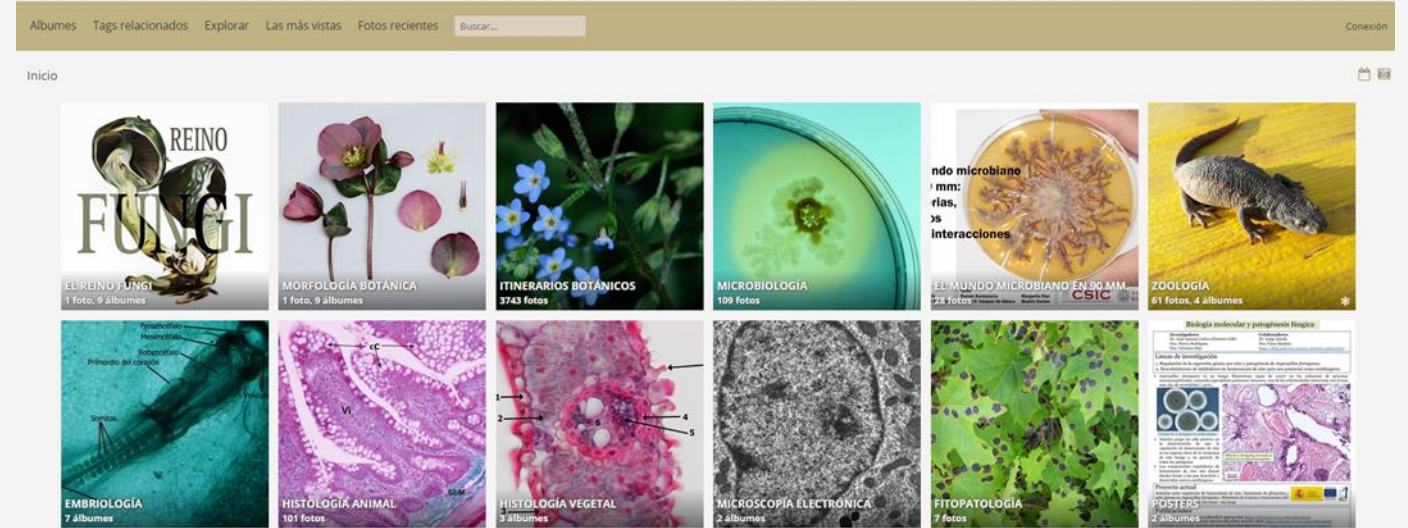
It has more than 5,500 images with their corresponding explanatory legend distributed in 102 thematic albums.

The library also produces INTERACTIVE DIDACTIC GAMES as learning tools based on it.

Involved SDGs.

4. Quality Education

UNIVERSIDAD DE SALAMANCA - BIBLIOTECA DE LA FACULTAD DE BIOLÓGÍA - IMAGINARIUM



+Info:

<https://bibbiologia.usal.es/>

https://bibbiologia.usal.es/BIOLOGIAGENE/RAL2/biologia_general_2.html

<https://bibbiologia.usal.es/reinofungi/>

Guided visits to research centers

ADDITIONAL RELEVANT ACTIVITIES

Organization of guided visits to research centers related to Biology and the Environment: CIALE, IRNASA, the University Herbarium, etc.

There are usually two visits to each center annually, organized in groups of 20 students each.



Involved SDGs.

4. Quality Education

+Info:

<https://ciale.usal.es/>

<https://www.irnasa.csic.es/>

<https://nucleus.usal.es/es/herbario>

Employability seminars

ADDITIONAL RELEVANT ACTIVITIES

Employability seminars for students, in the field of environmental work for the most part. Environmental volunteer conferences are also organized: on Tortuguero Beach in Costa Rica, Panama, Cape Verde, Greece, etc..

Involved SDGs.

8. Decent Work And Economic Growth



More activities

ADDITIONAL RELEVANT ACTIVITIES

- **PRESS RELEASES** to make the results of our researchers activity known to the general public through the media.
- **DOCUMENTATION and INFORMATION RESEARCH COURSES AND SEMINARS** for students throughout the academic year.
- Maintenance of **DATABASES ON RESEARCH CARRIED OUT BY OUR PROFESSORS**: USAL Scientific Production Portal, Gredos and Dialnet.

Involved SDGs.

4. *Quality Education*

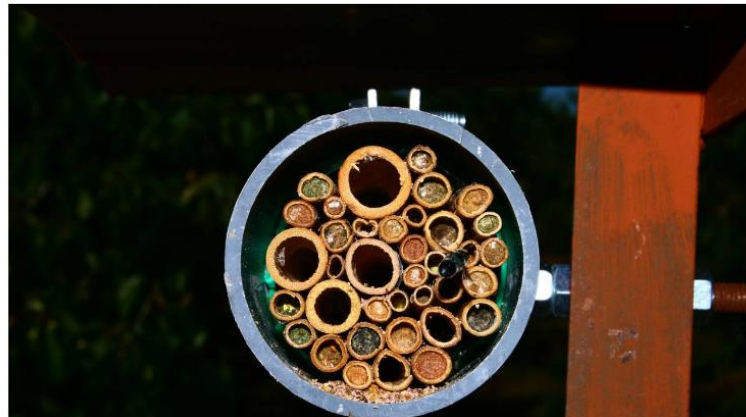
CIENCIAS AGRARIAS

El paisaje agrícola determina el sexo y el tamaño de las abejas solitarias

Una investigación de la Universidad de Salamanca publicada en la revista *Journal of Apicultural Research* demuestra que la interacción de las abejas de la especie *Osmia caerulescens* con el paisaje agrícola determina su estrategia a la hora de desarrollarse y reproducirse. La cantidad de hembras y de machos, así como el tamaño que alcanzan, son diferentes en zonas de viñedos, cereales y huertas y resultan muy importantes para todo el ecosistema, que ve afectada su polinización en función de estos factores.

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+Info:

<https://produccioncientifica.usal.es/>

<https://gredos.usal.es/>

<https://dialnet.unirioja.es/>

See you!

bibliotecabiologia.usal.es

BIBLIOTECA
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