

+ Biodiversidade@CIÊNCIAS

**Mobilizing CIÊNCIAS community for the improvement
of the campus biodiversity and livelihood**

Patrícia Tiago & Sergio Chozas



Context

The **Faculty of Science** of the University of Lisbon launched the Ideas for Sustainability Competition in 2019, aiming to promote initiatives that can contribute to sustainability, in the environmental, social and economic aspects within Ciências campus and/or in its interaction with the city of Lisbon

+Biodiversidade@CIÊNCIAS won the competition

The team

XX Researchers: Inês do Rosário, Otília Correia, Maria Amélia Martins-Loução, Margarida Santos-Reis, Joana Martelo, Ana Isabel Correia, Raquel Mendes, Cristina Antunes, Patrícia Garcia Pereira, Ana Júlia Pereira, Paula Gonçalves, Cristina Catita, Pedro Pinho, Ana Leal, Filipa Grilo, Ana Margarida Santos, Cristina Branquinho, Cristina Máguas, Silvana Munzi, Juliana Monteiro, Patrícia Tiago, Sergio Chozas

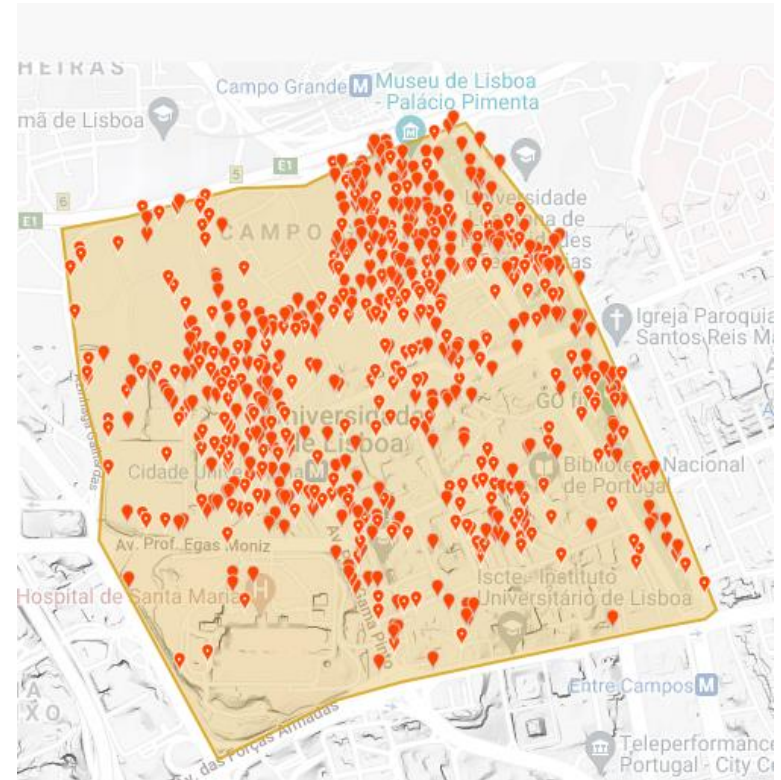
+ **Technical Services** (José Lousa)

+ **Biology Students Association**

Where?



160 ha



Objectives

Main objective: Enhance **sustainability** in the FCUL campus

Statements:

- ✓ **Biodiversity** sustains ecosystems and their services
- ✓ **Biodiversity** is decreasing dramatically
- ✓ Importance of **citizens** awareness

How?

- ✓ Apply the concept of **sustainability** in FCUL's green spaces
- ✓ **Characterize** and **monitor** FCUL biodiversity over time, involving both the Science community and the citizens who live and work in the area

How?



**Classic
biodiversity
surveys (floristic
and fauna)**



**Sophisticated
monitoring
equipment**



**Citizen Science
platform
BioDiversity4All**



How?



Vascular plant, bryophyte and lichen surveys



Trapping

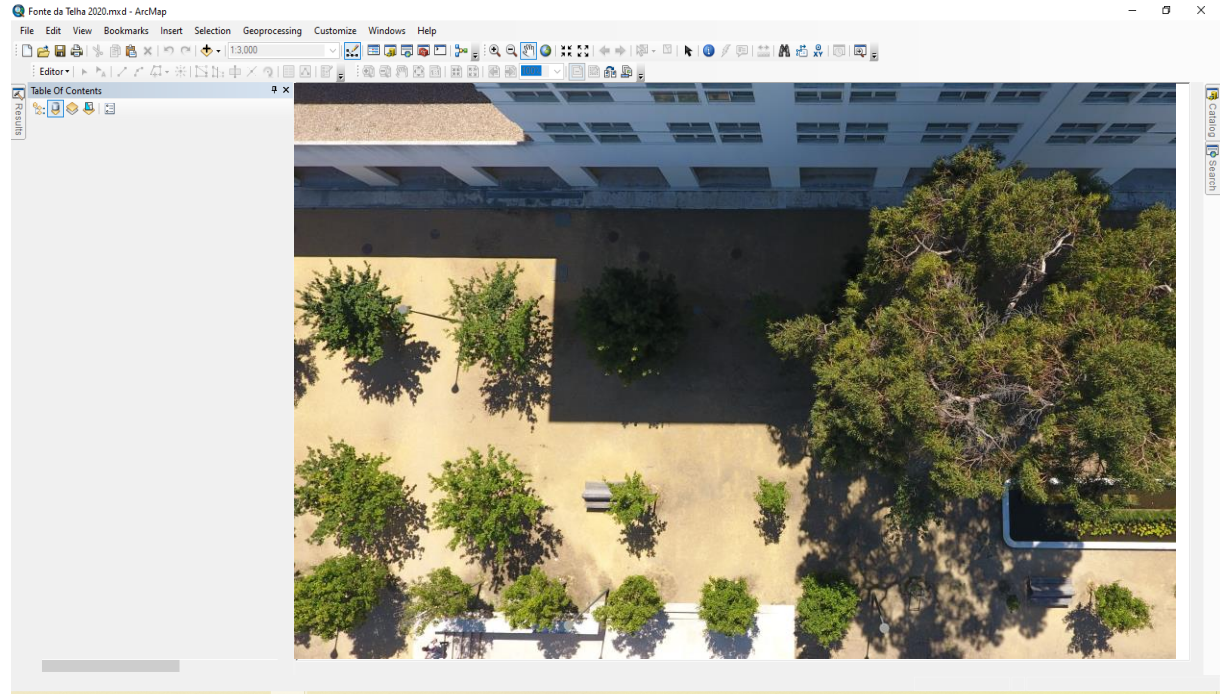
Bird counts



How?



Drone flights



How?



Acoustic sensors
and cameras



How?



Ethical issues involving data protection law – Audio and Video Recording Warning Signs

How to get involve?

Citizen Science
Platform



+Biodiversidade@CIÊNCIAS in the BioDiversity4All Platform

The screenshot shows a project page on the BioDiversity4All platform. At the top left, a red banner indicates 'EVENTO EM CURSO'. The main header features the project title '+Biodiversidade@CIÊNCIAS' and a blue button for 'Membros' with a count of 55. Below the title is a large image of a building courtyard with trees. To the left of the image is a logo for 'LABORATÓRIO VIVO SUSTENTABILIDADE CIÊNCIAS ULISBOA'. Below the image is a navigation bar with a 'C' icon and the project name '+ Biodiversidade@CIÊNCIAS'. To the right of the image is a text block titled 'Acerca de' with a 'Ler Mais >' link and a 'Diário do Projeto' button. At the bottom, a statistics bar shows: 'Visão geral' (underlined), '3.052 OBSERVAÇÕES', '724 ESPÉCIES', '406 IDENTIFICADORES', '107 OBSERVADORES', and a 'Estatísticas' button with a lightning bolt icon.

EVENTO EM CURSO

+Biodiversidade@CIÊNCIAS

Membros 55

Acerca de

+Biodiversidade@CIÊNCIAS: Mobilizar a comunidade de CIÊNCIAS para a promoção da sustentabilidade no Campus, é um projeto que se propõe aplicar o conceito de sustentabilidade nos espaços verdes da FCUL e caracterizar e monitorizar a sua biodiversidade ao longo do tempo, envolvendo tanto a comunidade de

Ler Mais >

Diário do Projeto

C + Biodiversidade@CIÊNCIAS

Visão geral

3.052 OBSERVAÇÕES

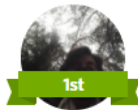
724 ESPÉCIES

406 IDENTIFICADORES

107 OBSERVADORES

Estatísticas

+Biodiversidade@CIÊNCIAS results



A maioria das observações
maremimar 673



tiagojrc 544



schozas 374



joao73 144

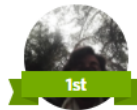


patriciatiago 141



filipa_coutinho_soares 111

[Ver todas](#)



A maioria das espécies
maremimar 203



schozas 199



tiagojrc 162



patriciatiago 80



cmluis 51



analeal 34

[Ver todas](#)



Espécies mais observadas
Melro 64



Pardal-Dos-Telhados 52



Rabirruivo-Preto 50



Pombo-Torcaz 46



Morcego-Anão 44



Abelheira 37

[Ver todas](#)

+Biodiversidade@CIÊNCIAS results

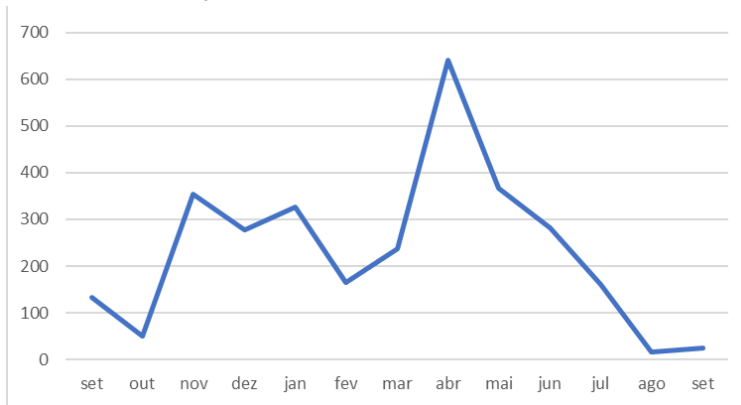
Number of species / taxa



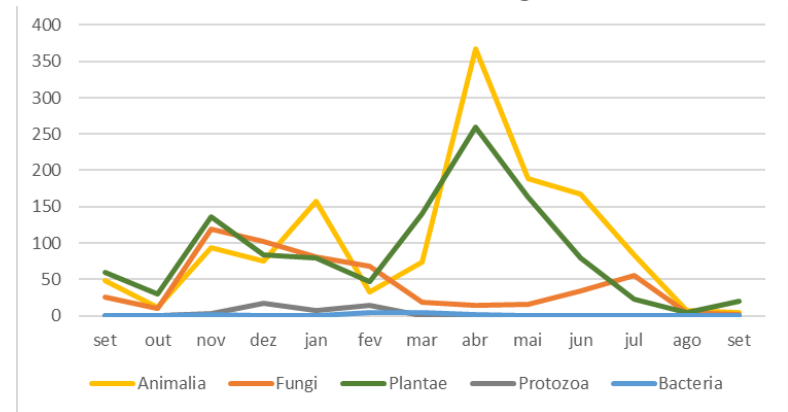
47.9% plants
21.7% insects
17.1% fungi & lichens
6.4% Birds

+Biodiversidade@CIÊNCIAS results

Monthly observations over time

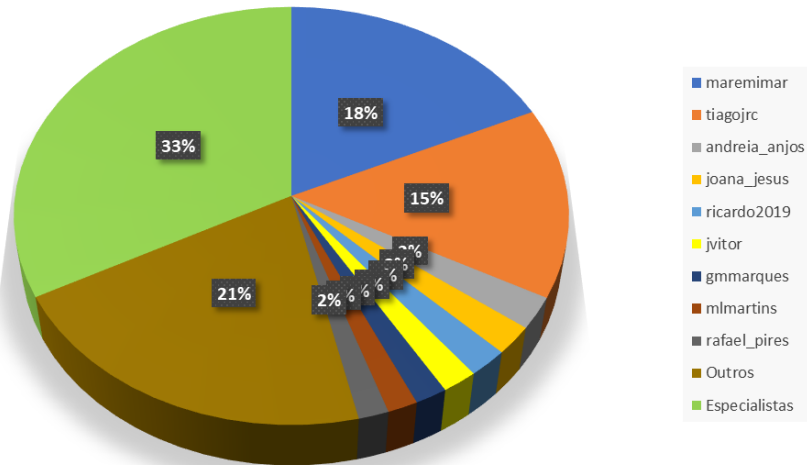


Observations/kingdom

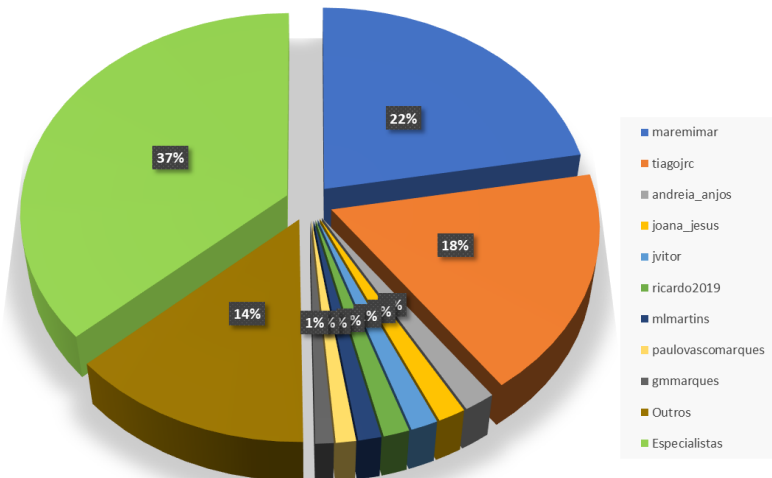


+Biodiversidade@CIÊNCIAS results

Species number/observer



Number of observations/observer



We would love to count on your support and collaboration in the implementation of the project!

