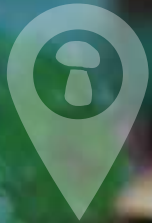


NETWORK FOR THE STUDY OF MYCOLOGICAL DIVERSITY



Italian Fungi census



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Italian Funghi census

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More details on the Network are available at the link: ndm.isprambiente.it/en/homepage-english/
or by scanning the following QRCode



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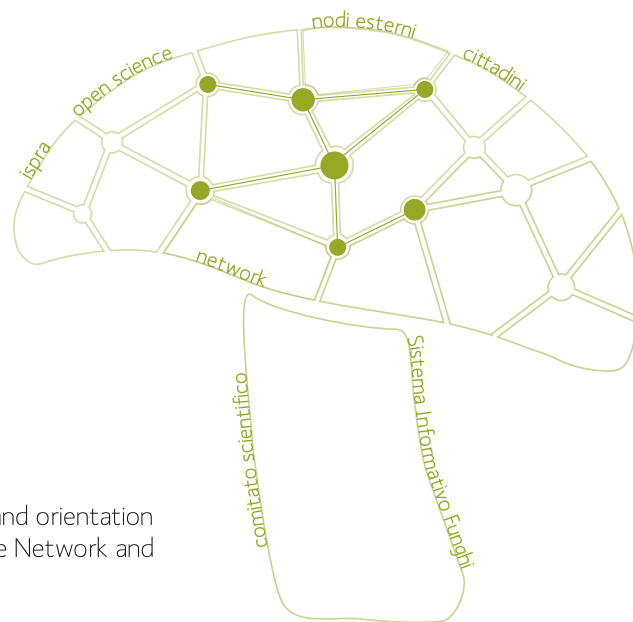


THE NETWORK

The Network for the study of mycological diversity is a **network system** that integrates human and technological resources to implement the census and monitoring of macromycetes within national terrestrial habitats. It was launched by ISPRA in February 2021 with the aim of systematizing and publishing surveys and fungal data in a national database called **Fungi Information System (SIF)**.

The Network

- a **central node** coordinated by **ISPRA** Department for Environmental Monitoring and Protection and for the Conservation of Biodiversity;
- **external nodes** composed by public and private legal bodies (external units) and experts citizens (the contributors) who collaborate, according to the principles of **open science**, in the development of the Network activities, the census and monitoring of fungal components, the development of mycological projects and activities and the definition of scientific objectives;
- a **Scientific Committee** that defines the standards, activities, themes and orientation of scientific initiatives aimed at the development of the actions of the Network and the national database (**Fungi Information System - SIF**).



INSTITUTIONAL REFERENCES

According to the recent Law 132/2016 and Law 12 December 2019, n. 141, **ISPRA** has the task both to aggregate any environmental information from public and private bodies and to make the information **accessible to citizens**.

The published data represent the official technical reference for the Italian State and, therefore, they must be accurate, consistent and reliable.

On this basis, ISPRA implements a precise policy on research activities and environmental data: developing a research and retrieval action, analysis, production and communication of data, environmental indicators and information with innovative management solutions regarding **biodiversity** protection, in the light of climate change and its effects



Open science

The Network for the study of mycological diversity was born as an initiative of open science involving external experts who deal with mycology according to defined standards

ITALIAN FUNGI CENSUS INITIATIVE



The census initiative was realized with the aim of collecting and publishing surveys of macromycetes in habitats on the national territory, in order to create a public national database accessible by all users, called **Fungi Information System - SIF**.

The data are collected and sent by the the experts who adhere to the Network according to protocols and standards defined by the Scientific Committee. Data are sent using specific computer **applications**. Both field and historical surveys are accepted, belonging to lists and databases of past years.

Contributors are encouraged to submit surveys of **all fungal species**. The mycological data include information relating to both the species and the habitat in which it is present, for a study and analysis of fungi within terrestrial ecosystems.

To access the SIF scan the following QR code



“ THE INTELLECTUAL PROPERTY OF THE SCIENTIFIC DATA SUBMITTED SHALL BE ASSURED TO THE CONTRIBUTORS ”

QUALITY CERTIFICATION



CSQ



In 2021 the Network "Process of acquisition and systematization of data for census, monitoring and conservation of mushrooms on the Italian territory" received ISO 9001:2015 certification.

PARTICIPATION IN THE NETWORK

You can join the Network as:

- external unit;
- contributor.

The **External Units** are public or private legal bodies:

- Universities, Museums and/or Research Institutes;
- mycological associations, groups and confederations;
- national and international scientific societies.

Contributors are persons with one of the following requirements:

- **mycologist certification:** registration in the National Register of Mycologists is a sufficient requirement to accept the request for participation;
- **experience in mycology** deriving from teaching and/or research activities at universities and research institutes; in public or private laboratories; in research centres and/or mycological inspectorates; teaching both for courses for mycologists; study and research with publications and scientific articles subject to peer review.

“ The experience in mycology is recognized by ISPRA exclusively for the purposes of the activities of the Network, after the evaluation of the Scientific Committee ”



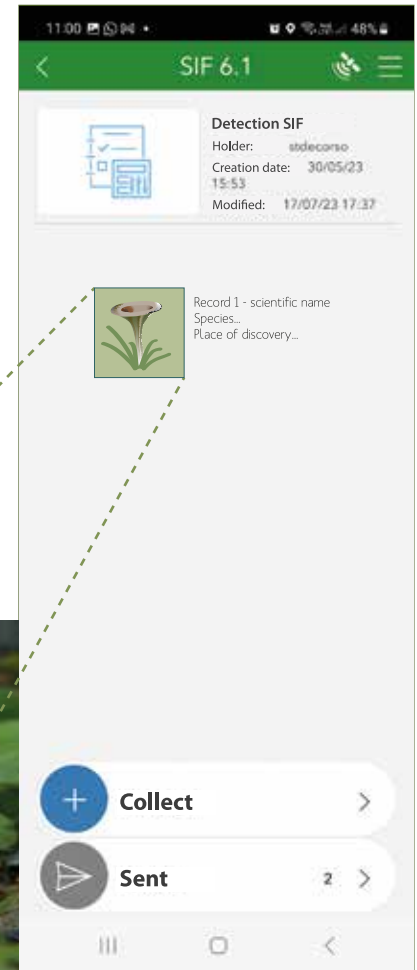
APP FOR SENDING MYCOLOGICAL DATA

The contributor can send their findings through the **Survey123** for arcgis App using a form prepared by ISPRA in which a series of information about the species and habitat is requested.

The app can be used both from your mobile devices, so you can fill out the survey directly in the field, and from your PC so as to transcribe later the information collected.

After field operations, the contributor may request to send dried samples for free genetic analysis (fungarium).

For more information on sending data scan the QR code



FUNGARIUM



The Fungarium is the structure realized by ISPRA at its headquarters in Ozzano dell'Emilia (BO); in the fungarium dried fungal samples sent by contributors are stored.

Each sample in the Fungarium, upon request, can be subjected to genetic analysis in ISPRA Laboratories



FUNGARIUM



Amanita muscaria



Boletus edulis



Russula sardonia



Suillus collinitus



Morchella esculenta



Mycena galericulata

notes

A large rectangular area designed for writing notes. It features a solid dark red top and bottom border. A horizontal dotted line runs across the width of the page, positioned approximately one-third of the way down from the top border. The space between the top border and the dotted line is intended for a title or header. The space below the dotted line is the main area for writing notes.

