



Cape Town, 7 April 2006

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***The first steps to establish the
Portuguese GBIF Node***

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**Science, Technology and High
Education Ministry**



Scientific Community

Working Group

Mission:

Propose the Portuguese
GBIF Node structure



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Working Group

Animal domain

(José Pedro/Bocage Museum)

Plant domain

(Amélia Loução/Head of National Natural History Museum)

Microbial domain

(Nelson Lima/Head of fungal culture collection)

ICT specialist

(Pedro Fernandes/Gulbenkian Institute of Science)

Portuguese GBIF contact-point

(Fernanda Sepúlveda/International Liaisons Office)

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Animal Domain:

Major collections on Entomology, Invertebrate and Vertebrate (e.g. aquarium Vasco da Gama)

The total number of specimens is unknown.

A survey will be carry out to identify potential data providers and to get the number of specimens that are maintained.



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Plant Domain:

Several Herbariums (e.g. Natural History Museum of Lisbon) and Botanic Gardens (e.g. Coimbra and Lisbon)

The total number of specimens is unknown. We estimated ca. 9.500.000 specimens. A substantial number of these specimens is related with the flora of the former Portuguese colonies.

A survey will be carry out to identify potential data providers and to get the number of specimens that are maintained and digitalized.



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Microbial Domain:

Portuguese Network of Microbial Culture Collections (PetMiCC)

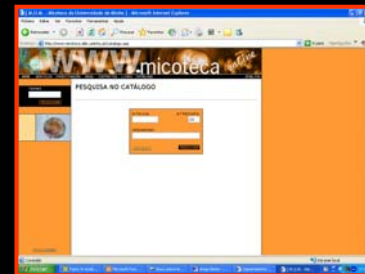
WDCM595: Portuguese Yeast Culture Collection (PYCC)

WDCM761: Culture Collection of Industrial Microorganisms (CCMI)

WDCM816: Micoteca da Universidade do Minho (MUM)

WDCM881: Micoteca da Estação Agronómica Nacional (MEAN)

e-catalogue
Micoteca da Universidade do Minho





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16 Microbial Culture Collections

ACRONYMS	DESIGNATIONS	STARTED IN	LOCALITY
ACOI	Algoteca de Coimbra (Coimbra Culture Collection of Algae)	1972	Coimbra
BOTFCP	Colecção de Microrganismos do Departamento de Botânica da Faculdade de Ciências do Porto	1966	Porto
CCENUTAD	Colecção de Culturas do Sector de Enologia – Departamento de Indústrias Alimentares da UTAD	1981	Vila Real
CCLM	Colecção de Culturas do Laboratório de Microbiologia	1988	Coimbra
CCMA/INET I	Colecção de Culturas de Microrganismos Alimentares	1966	Lisboa
CCMI/INETI	Colecção de Culturas de Microrganismos Industriais (Culture Collection of Industrial Microorganisms)	1985	Lisboa
C.D.B.	Colecção do Departamento de Biologia	1993	Braga
EVN	Colecção de Microrganismos da Estação Vitivinícola Nacional	1973	Dois Portos
IBET	Instituto de Biologia Experimental e Tecnológica	1991	Oeiras
ISA	Laboratório de Microbiologia do Instituto Superior de Agronomia	1980	Lisboa
LISE/EAN	Micoteca da Estação Agronómica Nacional	1948	Oeiras
LME	Laboratório de Microbiologia e Ecotoxicologia – E. Sousa Silva (Algal Culture Collection)	1962	Lisboa
M.INSA	Micoteca do INSA	1989	Lisboa
M.L.R.V.A.	Micoteca do Laboratório Regional de Veterinária (Açores)	1995	Angra do Heroísmo
MUM	Micoteca da Universidade do Minho	1996	Braga
PYCC	Colecção Portuguesa de Culturas de Leveduras (Portuguese Yeast Culture Collection)	1952	Caparica

The total number of strains is known: 15.100

- Micro-algae: 3.600

- Yeasts: 5.700

- Filamentous Fungi: 1.700

- Prokaryotes: 4.100

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Mentoring Project
GBIF.ES & GBIF.PT



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Mentoring Project: Goals

Implementation project and action plan for the Portuguese GBIF node (GBIF.PT)

Produce a state-of-the-art reports on:

- **Portuguese natural history and culture collections and biodiversity-related research projects**
- **Relevant actors in the Portuguese biodiversity scenario**

Establishment of a sound Portuguese biodiversity network

Dissemination of information and training workshops about the tools needed to digitalize and publish biodiversity data

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Mentoring Project: Deliverables

Implementation project and action plan for the Portuguese GBIF Node.

Report on natural history and culture collections and biodiversity projects in Portugal.

Report on main actors in the Portuguese biodiversity scene.

A **biodiversity information web portal** for the Portuguese node.

A **DIGIR data server** associated to the national node to host data from the providers without their own server.

A report on the **workshop on the digitalization of natural history and culture collections**.

A report on the **workshop on DIGIR data server software** installation.

A report on the main activities carried out to develop the Portuguese GBIF community among the Portuguese scientific society.

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Mentoring Project: Schedule

May 2006: People from the Portuguese node will visit the Spanish GBIF Node to discuss the action plan and all the other subjects related to the development of the project.

Early July 2006: **Workshop** about natural history and culture collections digitalization, will be held in Braga, Portugal.

End of July 2006: **Follow-up visit** to the Portuguese GBIF node by the Spanish GBIF node staff.

31st July 2006: **Web portal** of the GBIF.PT Node running.

Middle of September 2006: **Workshop** about DIGIR data server software will be held in Lisbon, Portugal.

30th September 2006: **Portuguese GBIF node DIGIR server** installation running.

November 2006: Deliverables ready to send to the GBIF Secretariat, with a report on all the activities related or supported by this mentoring project.

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THANK YOU