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SUMMARIES

DISTRIBUTION OF MACROMYCETES IN ITALY

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A report of a survey undertaken by the Committee for Mapping of Macromycetes in Europe sanctions the first organic initiative of European cartography (mapping) of Macromycetes: Portugal, Spain, Russia and Italy did not participate.

For the last country GOVI, with the guarantee of the U.M.I., launched a national project of cartography and, by means of an U.M.I. notice, reporting a first list of 50 Macromycetes, explained the use of the data card.

Aftwards GOVI started a scientific co-operation with the "data bank" group of the Botanical Institut of the University of Catania.

So it started the possibility to make out in automatical manner the distribution maps of Macromycetes. This initiative is included in a wider context that has in view the realization of Macromycetes data bank (AIELLO et alii, 1980).

In order to direct the data towards an informatical use it is necessary to draw up a new data card. This card, drawn up like a questionnaire, also includes data by literature.

The data, opportunely codified, constitute an archive useful to successive elaborations.

The map, made to bring graphycally back the distribution of Macromycetes on the basis of both field and bibliographycal data, is completed with ecological data (e.g.: type of substratum) and with fungus frequency surveyed in the various regions.

This work ends with a critical examination of the methodology used for the automatic cartography, with a support of the choices made and an analysis of the advantages derivating from an informatical management.