

A Phytoecological Database for Annotating Flora in Region of Maamoura – Saida, Algeria

A. Rachedi, A. Mohammedi and A. Boukhalfa

Department of Biology, Faculty of Sciences, University Dr Tahar Moulay, Saida.

e-mail: rachedi@bioinformaticstools.org

In order to best acquire knowledge of the floristic richness in Algeria a systematic annotation of flora is needed to be accomplished region by region to ultimately cover the whole nation. The online database system called “Flora In the region of Maamoura“ or FIMA presented in this work concerns an endeavor to annotate floristic survey studies distributed over the entirety of the study area of Maamoura situated in the district of Saida, west of Algeria.

Based on 70 floristic surveys distributed over the different vegetation encountered in the study area of 127100 hectares, six (6) areas floristically homogeneous were obtained to hold more than 91 plant species which demonstrates this area’s high richness in floral species.

A phytoecological database has been created primarily to start and motivate a nationwide flora annotation endeavor and to give users a unique and consistent view richness and importance of its data.

In addition to basic information about each plant like the plant classification, species names, biological type and description, the FIMA database provides key phytoecological information including topography parameters of the region where the plants grow (with GPS positions) together with properties such as the Abundance, Dominance and Sociability. Users of the database are also provided with images and interactive google-maps for the areas included in the study.

FIMA database system is freely available online on the World Wide Web at the URL address: <http://www.bioinformaticstools.org/fima>

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