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ISHS Acta Horticulturae 605: II International Symposium on Fig

FIG GERMPLASM OF CBNM PORQUEROLLES DISPLAYS AN IMPORTANT GENETIC VARIABILITY : EVIDENCE FROM POMOLOGICAL DESCRIPTORS

Authors: J.P. Roger, B. Khadari

Keywords: Fig cultivars, Variability, Pomological description, Genetic diversity, Field collection, Identification

Abstract:
With 277 accessions originating from different Mediterranean areas and several collections, the fig germplasm of CBNM Porquerolles corresponds to a major part of Mediterranean fig cultivars. It includes caprifigs, Smyrna (one crop), San Pedro (two crops) and common (parthenocarpic) types which correspond to fresh and dried fig cultivars. New accessions are regularly introduced in this collection. The aim of CBNM Porquerolles is to make a representative collection of cultivated fig genetic diversity. Using pomological descriptors, we characterised 149 accessions, while the 128 other are difficult to distinguish because of character similitude and required molecular characterisation for efficient identification. We report pomological description of all accessions in this study which showed an important variability corresponding to a high potential for clonal selection and breeding programs.