



Diversity of Weed Flora in Citrus of the Oranian Phytogeographical Sector

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Abstract: The study of citrus weeds in citrus groves in the north-western tell of Oranie (western Algeria) is based on 200 phytoecological surveys carried out in different sites, taking into account certain agro-ecological variables according to the round-field sampling method. The flora recorded in all the sites in our study area includes 101 weed species belonging to 31 families and 87 genera. The species inventoried are mainly represented by therophytes, whose presence rate is estimated at 74.5%, reflecting unfavourable climatic conditions. Phytogeographical, the species inventoried belonging in particular to the Mediterranean element have a present rate of 43%. The weeds inventoried are classified according to their frequency and abundance. The analysis of the agronomic importance of the species based on their relative frequency and average coverage has been established. The projection of species on an infestation diagram made it possible to differentiate between 6 groups of species.

Keywords: Weeds, Citrus groves, Phytoecological surveys, Tell North Oranian, Thérophytes, Biological types
