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MAPPING AND STUDY OF FLORISTIC BIODIVERSITY IN THE REGION OF MOSTAGANEM, NORTH-WEST, ALGERIA

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ABSTRACT

A mapping and inventory of the natural plant cover and its diversity was carried out on the plant groups of the mostaganem region. The floristic diversity of this study area revealed the existence of 78 taxa belonging to 42 families. The most important families are *Asteraceae* (46%), *Amaranthaceae* (29%), *Poaceae* (23%), *Brassicaceae* (14%) and *Fabaceae* (12%). The category of rare taxa represents 11% of the flora studied (9 taxa). In this study area, we counted 9 regional endemic species, of which some species are endemic to Algeria and Morocco, and some species are strictly endemic, among which *Bituminaria tunetana* is reported for the first time in Algeria. Among the taxa analysed, are listed on the IUCN red list, and are on the Algerian list of protected non-cultivated plant species.

Key words: Mapping, endemic, rare, *Bituminaria tunetana*, Mostaganem, Algeria