



Palynological Data of Compositae and Umbelliferae Families during Quaternary Period in Elbasan City[#]

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Abstract: The study is performed in Elbasan city which is situated in the central part of Albania. It is one of the biggest cities of Albania, with a population of around 100,000 and an area of 1,290 km². It lies down along Shkumbini River in the District of Elbasan at elevation 150 m. In this article for the first time are provided some paleopalynological data about the dispersion of Compositae and Umbelliferae families during Quaternary period in the area where is situated Elbasan. The aim of this paper is to present the correlation between the depth and dispersion of Compositae and Umbelliferae families on different periods of time. For this purpose we took some samples from various layers of soil, starting from the surface to four meters depth. Palynological data for these families are given for the first time in the Palynologic literature in our country. The data show a very interesting correlation between the depth and number of spores and pollens for these two families.

Key words: *Paleopalynological, Quaternary period, spore, pollen, compositae, umbelliferae.*

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