



PLANTS AS INDICATORS OF ENVIRONMENTAL CONDITIONS OF URBAN SPACES FROM CENTRAL PARKS OF BUCHAREST

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Abstract

In the biggest and the most polluted (due to traffic agglomeration and other diffuse sources) city from Romania, Bucharest, the city centre presents an increased air and soil pollution. In situ researches (passive methods) have been applied in the central parks due to their different structural diversity and position in the most polluted area of the city. The researches show the present species from Park and help to establish their potential as biomonitors/bioindicators of pollutants in the terrestrial environment. Biological data are used to estimate the environmental impact and potential impact on other organisms including humans.

Key words: bioindicators, biomonitors, Bucharest, pollution, Romania, urban spaces, vascular plants

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