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"دراسات فسيولوجية ومقارنة للتلوث على بعض النباتات
المنزرعة في مواقع على جانبي الطريق بين منطقتي القبة
والعبور، مصر"

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INTRODUCTION

Pollution of the environment is one of the most effective factors in the destruction of the biosphere components. Air pollution may be defined as the presence in the outdoor atmosphere of one or more contaminants or combinations that are injurious to human, plant or animal life or which unreasonably interferes with comfortable enjoyment of life or the conduct of business. Air pollution represents a serious problem in most of urban areas of the world that is injurious to human, plant or animal life.

Air pollution sources may be divided into two broad categories, natural and man-made. 1-Natural sources: include wind blown dust, volcanic ash and gases ozone from lightning and from ozone layer, ester and terpenes from vegetation, smoke- gases and fly ash from forest fire, pollen and aeroallergens and natural radioactivity. 2- Man-made sources cover wide spectrum of chemical and physical activities. These are mainly combustion processes (**Abdel-Aziz, 2001**).

Huhn *et al.* (1995) and Harrison and Jones (1995) confirmed that analysis of urban anthropogenic particulates has shown them to be enriched in a range of potentially toxic trace metals, including Fe, Pb, Zn, Ba, Mn, Cd and Cr. Accumulation of metals in the environment has greatly increased in the past decade since large quantities of pollutants are released annually into the atmosphere.
