CONTENTS

	Tabe
INTRODUCTION	1
REVIEW OF LITERATURE	6
(A) PLANT MATERIAL AND LANDSCAPE GARDENING .	6
(1) TREES	6.
1- Trees and towns	11
(2) HEDGES	14
(3) SUCCLENT AND CACTI	20
(4) LAWNS	25
1- Types of lawns	25
2- The function of lawn in the garden	26
3- The shaded lawn	26
4- Lawn and temperature	27
5- Lawn and water requirements	28
6- Lawn mowing	29
7- Lewn colour	30
MATERIALS AND METHODS	32
RESULTS AND DISCUSSION	40
I- Effect of plant materials on air tempe-	
rature	40
1- Effect of trees	40
2- Effect of lawns	52

	•	
		Page
V -	Landscaping in the monuments places	110
	Evaluation of Citadel Garden	110
VI-	Evaluation the development of Tahrir Square	
	Garden	125
VII-	Criticism studies in the gardens	134
	1- Screening unattractive element in the	
	garden	134
	2- Agha-Khan garden in Shoubra	137
	3- Evaluation of some green area in Cairo	
	streets	142
SUMA	ARY 1	150
LITE	RATURE CITED	163
ARAB	IC SUMMARY.	

apart from every other. Many and differing features are matters of landscaping and landscape service, such as agreeable curve (smooth curving) and yet continual advance movement so as to make the approach to a community a pleasing experience; the conservation of natural advantages and beauties (water falls, mountains etc.) and their emphasis by means of the cutting of vistas and other treatments. Also, the planting on a broad scale of characteristic local plant material where such planting is needed and all such general attention to the details of the country as make for its highest beauty development.

On the other side, Bailey (1914) reported that landscape gardening is the application of garden form, methods and materials to the improvement of the landscape,
and the landscape in this relationship, is any area,
large or small on which it is possible or desirable to
develop a view or a design.

Moreover, the art of designing and make landscaping is known mostly by the name "landscape architecture".

The landscape art may include all objects within the scope of vision, from a narrow strip of sky and foliage

between buildings, a lawn, a garden, a town to a horizon-sweeping panorema

According to the same author, landscape architecture is the French term for the professional, could be properly applied to the designer that formulates landscape in a large way, as did Le Notre's at Verssilles or to big formal gardens. There is now a tendency to call the landscape architecture by the other names. Landscape gardening is the older term, but this term is considered not to be broad enough or hold enough to suggest the large elements of design.

El-Kiey (1981) reported that landscape is the expression which explains the process of land survey and arrangment of any area either large or small. However, it could be classified into landscape design for planing the area and the ways, roads; and walks etc. in both village or town.

On the other side, landscape gardening, concerns
the arrangment of the garden area according to the
proposed design, and choosing the plant material to be
distributed in the places which supply the requirement
of plant growth and to realize the display of the garden.

The landscape architecture also includes the constructions of gardens like Pergolas, Fountains and Terraces etc.

Clark (1983), added that landscape architecture is a marriage of the art and nature and there are several considerations must by fully understood before designing and planning a garden i.e. what to choose from plant genera and where to lay out them. What to choose is dependent on the recreation of the plant in the decided spot (form, colour, shade) the plant is connected with its use and the purpose in relation to its vertical and horizontal effects on the surroundings.

In the meantime landscape architecture determines the solutions for the special garden structures, and is wholly related to landscape gardening.

The present investigation aimed studying the relationship between the plant material and landscape gardening. The study includes some plant materials used in gardens in relation to the position, horticultural practices and sight effects. Comparison between the effects of the plant material and other places in Belgium, as well as, the criticism of some gardens in Cairo were undertaken.