

CONTENTS

C O N T E N T

<u>Chapter</u>	<u>Title</u>	<u>Page</u>
I	INTRODUCTION ...	1
II	STRUCTURE AND FUNCTION OF SALT GLAND - A REVIEW ...	13
	A - Ultrastructure ...	17
	B - Mechanism of salt excretion. ...	21
	C - Passage of the salt out of the glands. ...	26
	D - Mesophyll - Stalk - bladder system of <u>Atriplex</u>	30
	E - Salt gland of <u>Limonium</u> ...	33
III	MATERIAL AND METHODS ...	35
IV	RESULTS AND DISCUSSION ...	42
	A - Inorganic constituents ...	46
	B - Excretion ...	61
	a) Hoagland culture ..	62
	b) Soil culture ...	75
	C - Excretion of radio-active chloride. ...	84
	D - Productivity ...	88
V	SUMMARY AND CONCLUSION ...	95
	REFERENCES ...	108