

C O N T E N T S

Chapter No.	T i t l e	Page No.
	ACKNOWLEDGEMENTS	
I	INTRODUCTION ...	1 - 5
II	REVIEW OF LITERATURE ...	6 - 17
III	MATERIALS AND METHODS ...	18 - 22
IV	OBSERVATIONS :	
	1. Morphology :	23 - 37
	Description, distribution, phenology and ecology of <u>Urginea</u> species.	
	2. Cytology ...	37 - 38
	3. Palynology ...	38 - 43
	4. Anatomy	
	a) Scape anatomy ...	43 - 52
	b) Leaf anatomy ...	52 - 57
	c) Cuticle ...	58 - 61
	5. Embryology of <u>Urginea razii</u> and <u>Urginea polyantha</u>	61 - 70
	Phenology, flower blooming, anthesis and pollination. ...	62 - 63
	Microsporangium, microsporogenesis and male gametophyte. ...	63 - 64
	Megasporangium, megasporogenesis female gametophyte. ...	65 - 69
	Endosperm and Embryo development. ...	69 - 70
	Seed structure. ...	70

Chapter No.	T i t l e	Page No.
V	DISCUSSIONS :	
	Morphology and distribution	... 71 - 78
	Cytology	... 78 - 81
	Palynology	... 81 - 83
	Anatomy	... 83 - 88
	Embryology	... 88 - 93
	SUMMARY AND CONCLUSIONS	... 94 - 98
	BIBLIOGRAPHY	... 99 - 118
	CERTIFICATE	
	DECLARATION	
