

LIST OF FIGURES

<u>Chapter</u>	<u>Figure</u>	<u>Caption</u>	<u>Page</u>
II	1	<u>Guizotia abyssinica</u> Cass.-Habit	8
	2	Natural and naturalized distribution of <u>Guizotia abyssinica</u>	14
III	3	Changes in titratable acidity, polyphenols and chlorophylls in leaves of <u>Guizotia abyssinica</u> during different growth stages	40
	4	Changes in total nitrogen and carbohydrates during growth of <u>Guizotia abyssinica</u>	43
	5	Changes in nitrogen and carbohydrates in different plant parts of <u>Guizotia abyssinica</u> during growth	44
	6	Changes in inorganic constituents in different parts of <u>Guizotia abyssinica</u> during growth	51
	7	Nutrient uptake of niger plant at different stages of growth	54
	8	Changes in inorganic constituents in different parts of <u>Guizotia abyssinica</u> during growth	58
	9	Nutrient uptake of niger plant at different stages of growth	61
IV	10	Organic constituents of Young, Mature and Senescent leaves of <u>Guizotia abyssinica</u>	81

LIST OF FIGURES (contd... 2)

<u>Chapter</u>	<u>Figure</u>	<u>Caption</u>	<u>Page</u>
	11	Inorganic constituents of Young, Mature and Senescent leaves of <u>Guizotia abyssinica</u>	88
V	12	Effect of water stress on <u>Guizotia abyssinica</u>	100
	13	Effect of water stress on moisture content and organic constituents in leaves of <u>Guizotia abyssinica</u>	104
	14	Effect of water stress on organic constituents in different parts of <u>Guizotia abyssinica</u>	111
	15	Effect of water stress on inorganic constituents in different parts of <u>Guizotia abyssinica</u>	121
	16	Effect of water stress on inorganic constituents in different parts of <u>Guizotia abyssinica</u>	126