## **Contents**

List	of	Figur	es	xviii
Pref	ace	•		xii
Fore	ewo	ord		xii
Ack	nov	wledg	gements	xv
Cha	pte	r 1: Ir	ntroduction: The Canopic region – presentation of the project	1
1	Ir	atroduction		
		1.1	Canopus, Menouthis, Heracleion, Thonis	3
		1.2	The clues leading the search	3
		1.3	The research area	5
		1.4	The causes of the submersion of these sites	5
		1.5	The objectives of the research project and the adopted approach	8
	2	Prob	elems, methodology and reflections	8
		2.1	The problems of history	9
		2.2	Survey issues in the Bay of Aboukir	10
		2.3	Electronic survey instruments utilised	11
		2.4	The magnetometric survey	12
		2.5	The sub-bottom profiler survey	12
		2.6	The bathymetric sounding survey	12
		2.7	The side-scan sonar survey	12
		2.8	The set-up of the survey procedure	12
		2.9	General method for geophysical, geological and archaeological surveys	13
	3.	The data produced by the surveys		15
		3.1	Summary of the survey data	16
	4.	Iden	tification of sites: essential results and comments	17
		4.1	Identification of the sites	17
		4.2	Summary of the major results of the mission	18
		4.3	Comments on the results obtained	19
		4.4	Observations and further details about the sites found and studied during our missions or already known through Prince Omar Toussoun's work: The area	20
			covering the sites pinpointed as of 1933.	
	5		eral topographical results	23
	6.		eral observations on the nature of the ground found during the excavations in	26
		6.1	opus and Heracleion, and the conditions of these excavations  The types of ground	26
		6.2	The dispersal of the artefacts	27
		0.4	THE dispersal of the atteracts	21

## Contents

	1.	Presentation of the site	29
	2.	The survey of the site of East Canopus	29
	3.	Description of the sites at the current state of excavation	33
		3.1 Site T	33
		3.2 The site of the circular building	47
		3.3 The site of the western trench	50
		3.4 Site TW4	50
		3.5 Sites TW0, TW3, TW5 and TW6	57
		3.6 Site TW2	61
		3.7 Site TW1	65
	4.	Conclusion	65
Chap	oter	3: Heracleion	
	1.	Presentation of the site	69
	2.	Methodology	71
	3.	Description of the principal remains discovered at the current state of survey and	
		archaeological excavation	73
		3.1 Designation of the sites	73
		3.2 Summary of the major discoveries	74
	4	Site H1: the temple of Herakles (also identified as the temple of Amon-gereb and his son Khonsu)	
		4.1 The temenos compound, southern section	75 78
		4.2 The section of the 'interior wall'	78
		4.3 The centre-north wall of the temple	83
		4.4 The inner temple area	88
		4.5 The east wall of the temple	93
		4.6 The western walls and the mid-west wall of the temple	94
		4.7 The deposits of the northern zone	96
		4.8 The northern zone	99
	5	Site H2, the Great Mole	100
	6	The site of the Grand Canal	
	7	Site H3, the harbour basins	111
		7.1 The central depression	111
		7.2 The south-eastern depression	115
		7.3 The northern depression	115
	8	The buildings around the temple	
		8.1 The esplanade west of the temple	117
		8.2 The northern zone	118
		8.3 The western zone H6	120
		8.4 The area on the west side of the temple of Amon	120

## Contents

	9	Distr	ibution of the artefacts	124
		9.1	The bronze cult instruments	124
		9.2	The gold objects	126
		9.3	The lead objects	126
		9.4	Statuary and sphinxes	126
		9.5	The red granite elements	126
	10	0 Buildings at the periphery of Heracleion		126
	11	Conc	lusion	127
	Ge	General conclusion		130
Bibliography				
Inde		133		