

CONTENTS

Sl. No.	Subjects	Pages
A.	List of Tables	IX-XII
B.	List of Figures	XIII-XXII
C.	List of Graphs	XXIII-XXV
D.	Abbreviations	XXVI
	Scientific Term	XXVI
	Technical Term	XXVI
	Journal Name	XXVI
	Chapter-I	
1.	Introduction	1-3
	Chapter-II	
2.	Review of Literature	4-9
	Chapter-III	
3.	Study Areas	10-21
	3.1. Total Geographical area	10
	3.2. Topography	10-13
	3.3. Soil	13-15
	3.4. Climate	15-16
	3.5. Rivers	16-17
	3.6. Forests	18
	3.7. vegetation	18-20
	3.8. Agriculture	20
	3.9. Population	20-21
	Chapter-IV	
4.	Aims and Objectives of study	22-23
	Chapter-V	
5.	Materials and Methods	24-28
	5.1. Floristic study Method	24
	5.1.1. Quantitative study and floristic analysis	24-26
	5.1.1.1. Determination of plant species Density	26
	5.1.1. 2. Determination of plant species Frequency (%)	26
	5.1.1. 3. Determination of plant species Abundance	26
	5.1.2. Similarity and dissimilarity indices	26
	5.1.3. PCA (Principle Component Analysis)	27
	5.1.4. Plant collection and identification	27
	5. 1.5. Plant documentation and preserved	27
	5.1.6. Floristic documentation	28
	5.2. Exploration of medicinally important aquatic plants	28

CONTENTS

Sl. No.	Subjects	Pages
	Chapter-VI	
6.	Result on Floral diversity of aquatic angiosperm plants	29-301
	6.1. Floral diversity of aquatic angiosperm plants	29
	6.1.1. General enumeration of aquatic angiosperm plants	29-35
	6.1.2. List of Aquatic and Wetland Monocotyledons plant species	35-37
	6.1.3. List of Aquatic and Wetland Dicotyledons plant species	38-39
	6.1.4. Growth forms (Life forms)	39-41
	6.1.4.1. Growth forms of Monocot	40
	6.1.4.2. Growth forms of Dicot	41
	6.1.5. Quantitative analysis of aquatic angiosperm plants	42-77
	6.1.5.1. Quantitative survey of Monocot	42-63
	6.1.5.1.1. Density of Monocot in selected areas	46-51
	6.1.5.1.2. Frequency (%) of Monocot in selected areas	52-57
	6.1.5.1.3. Abundance of Monocot in selected areas	58-63
	6.1.5.2. Quantitative survey of Dicot	64-81
	6.1.5.2.1. Density of Dicot in selected areas	67-71
	6.1.5.2.2. Frequency (%) of Dicot in selected areas	72-76
	6.1.5.2.3. Abundance of Dicot in selected areas	77-81
	6.2. Plant descriptions with keys to species	82-295
	6.2.1. Monocotyledonous Plant descriptions with their flowering, fruiting, ecological notes and collection sites	82-197
	6.2.2. Dicotyledonous Plant descriptions with their flowering, fruiting, ecological notes and collection sites	198-290
	6.3. Role of Aquatic plant as a Home remedies and Ethnomedicine	291-299
	Chapter-VII	
7.	Discussion on Floral diversity of aquatic angiosperm plants	300-317
	7.1. General enumeration of Aquatic angiosperms:	300-301
	7.2. Growth forms of Monocot	302
	7.3. Growth forms of Dicot	302
	7.4. Quantitative survey of Monocot	303
	7.5. Quantitative survey of Dicot	303-304
	7.6. PC analysis of distribution of Monocotyledons	304-308
	7.7. PC analysis of distribution of Dicotyledons	309-313
	7.8. Role of Aquatic plant as a Home remedies and Ethnomedicine	314-317
	Chapter-VIII	
8.	Conclusion	318-322
	Chapter-IX	
9.	Major Findings	323
	Chapter-X	
10.	References	324-338

APPENDIX

SL. No.	Subjects	Pages
	Appendix-I	
1.	Field survey in different areas of Paschim Medinipur District	i-v
	Appendix-II	
2.	Research publications: National, International Journal, Newsletter and Books	vi
	Appendix-II	
3.	National, International and State level Seminar/Conference attended and presented paper	vii-viii