

New Survey of Clare Island Volume 6: The Freshwater and Terrestrial Algae

CONTENTS

Committee members and fieldworkers	v
Acknowledgements	vi
Notes on Contributors	vii
Preface	ix
Introduction to surveys of non-marine algae	
<i>David John</i>	1
Field and laboratory methods	
<i>David John</i>	11
Freshwater and terrestrial habitats	
<i>David John</i>	13
Distribution and ecology	
<i>David John</i>	21
Introduction to major algal groups	
<i>David John</i>	25
The desmids (Chlorophyta, Zygnematales, in part)	
<i>David Williamson</i>	27
The stoneworts (Chlorophyta, Charales)	
<i>Jenny Bryant</i>	67
The green algae (Chlorophyta, in part) and most other phyla	
<i>David John</i>	73
The diatoms (Bacillariophyta)	
<i>Patricia Sims</i>	115
The blue-green algae (Cyanophyta)	
<i>Brian Whitton</i>	141
The subaerial algae	
<i>Fabio Rindi and Michael Guiry</i>	179
SUMMARY OF RESULTS AND CONCLUSIONS	
<i>David John</i>	193

Taxonomic diversity	193
Seasonality and sample variation	195
Comparing the survey findings	201
General conclusions and recommendations	202
Appendix	
<i>David John</i>	
Sources of illustrations	225
Glossary	233
bibliography	239
Taxonomix Index	243
General Index	253