

CONTENTS

CONTRIBUTORS TO VOLUME 34	v
---------------------------------	---

Mucus from Marine Molluscs

M.S. Davies and S.J. Hawkins

1. Introduction	2
2. Composition of Mucus	4
3. Properties of Mucus	8
4. Mucus Production	9
5. Functions of Mucus	23
6. Mucus in Molluscan Energy Budgets	35
7. Ecology	43
8. Overview	50
Acknowledgements	51
References	51

Constraints on Coastal Lagoon Fisheries

J.-C. Joyeux and A. B. Ward

1. Introduction	74
2. Overview	77
3. Material and Methods	86
4. Geographical and Morphometrical Constraints	117
5. Environmental and Anthropogenic Constraints	134
6. Final Conclusions	151
Acknowledgements	153
References	154
Appendix 1	179
Appendix 2	184
Appendix 3	194

The Effects of Fishing on Marine Ecosystems

S. Jennings and M.J. Kaiser

1. General Introduction	203
2. Benthic Fauna and Habitat	208
3. Fish Community Structure	236
4. Trophic Interactions	257
5. Study of Fishing Effects	292
6. Management	303
7. Summary	311
Acknowledgements	313
References	314

A Biogeographical Perspective of the Deep-Sea Hydrothermal Vent Fauna

V. Tunnicliffe, A.G. McArthur and D. McHugh

1. Introduction	355
2. Hydrothermal Vents	358
3. Other Related Faunas	379
4. The Biogeography of Faunas	385
5. Local to Regional-Scale Processes	394
6. Regional to Global-Scale Processes	398
7. The Distribution Patterns of Taxa	402
8. Patterns in Diversity	420
9. Summary	426
Acknowledgements	426
References	426
Taxonomic Index	443
Subject Index	452
Cumulative Index of Titles	457
Cumulative Index of Authors	462

