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	Chapter 4 Succession on Hard Substrata; Introduction Succession and the Role of DisturbanceModels of Succession; Extension of General Models; Life History Characteristics; Patch Characteristics; Mode of Colonisation; Seasonality; Variable Endpoints of Succession; Conclusions; References; Chapter 5 Patterns of Fouling Onganisms?; The Pattern Revealed by a Global Modular Fouling Experiment; Are Biofouling Communities Saturated? The Relationship Between Local and Regional Diversity; Discussion and Future Perspectives; Conclusions; Acknowledgements; References Chapter 6 Biofouling Patterns with DepthIntroduction; Major Forcing Factors Determining Subtidal Sessile Assemblages; Patterns of Vertical Zonation on Natural Substratum Subtidal Communities; Patterns of Vertical Zonation in Biofouling Communities on Man-made Structures; Conclusions; References; iii Epibiosis and Anti-epibiosis; Chapter 7 Epibiosis; Sessile Mode of Life; Consequences of Epibioses; Distributional Patterns of Epibioses; Conclusions; References; Chapter 8 Natural Control of Fouling; Biofouling and Its Biological Consequences; Defence Mechanisms Against Biofouling; Conclusions Referencesiv Introduction to Microbial Fouling; Chapter 9 Marine Biofilms; Biofilm Development; Composition of Microbial Biofilms; Biofilm Dynamics; Signalling in Biofilms; Prokaryote-Eukaryote Interactions in Biofilms; Conclusions; Acknowledgements; Dedication; References; Chapter 10 Freshwater Biofilms; Introduction; Structure and Architecture of Freshwater Biofilms; Biofilm Biomass; Biofilm Metabolism and Its Role on the Aquatic Food Web; Dynamic Structure- Function in Freshwater Biofilms; Conclusions; Acknowledgements; References; Chapter 11 Biofilms in Medicine; Introduction Infection of the Head and Neck
Sommario/riassunto	Biofouling (the colonisation of an interface by a diverse array of organisms) is almost always a problem where it occurs, as it negatively affects surfaces, the materials that they are made from and the structures that they form, and can even destroy them. This comprehensive book covers in detail in its first section the processes involved in marine, freshwater and medical biofouling including coverage of settlement by larvae and spores, biofouling community processes, epibiosis (biofouling on living organisms) and microbial fouling, including biofilms deleterious to human hea