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| 1. Record Nr. | UNINA9910481081403321 |
| Autore | Maraschi Bartolomeo <approximately 1420-1487.> |
| Titolo | Della preparazione alla morte [[electronic resource]] |
| Pubbl/distr/stampa | Rome, : Giovanni Filippo La Legname, 1473 |
| Descrizione fisica | Online resource (v.) |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Reproduction of original in Biblioteca Nazionale Centrale di Firenze. |
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| 2. Record Nr. | UNINA9910139484303321 |
| Titolo | Biofouling / / edited by Simone Durr, Jeremy Thomason |
| Pubbl/distr/stampa | Ames, Iowa, : Blackwell, 2009 |
| ISBN | 1-282-31687-7
9786612316876
1-4443-1546-3
1-4443-1547-1 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (460 p.) |
| Altri autori (Persone) | DurrSimone
ThomasonJeremy |
| Disciplina | 628.9/6 |
| Soggetti | Fouling organisms
Fouling |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Biofouling; Contents; List of Contributors; Preface; I Processes in Marine and Freshwater Biofouling; i Larvae and Spores; Chapter 1 Reproduction and Larvae/Spore Types; Introduction; Some Terminology; Asexual |

Production of Propagules; Sexual Reproduction - Mechanisms
 Facilitating Fertilisation; Demographic Effects on Fertilisation Success -
 Allee Effects; Environmental Factors Affecting Fertilisation; Links
 Between Fertilisation and Subsequent Larval Attributes; Hatching and
 Development; Mobility and Survival of Larvae/Spores; Carry-over
 Effects; Conclusions; References
 Chapter 2 Larval Supply and Dispersal Introduction; The Significance of
 Scales of Larval Dispersal; Factors Influencing Dispersal Scales;
 Estimating Dispersal; Practical Consequences of Dispersal Scales;
 References; Chapter 3 Settlement and Behaviour of Marine Fouling
 Organisms; Introduction; Cues; Planktonic Propagules; Inert Surface
 Encounter, Followed by (Active?) Attachment or Rejection; Behavioural
 Surface Encounter, Exploration and Attachment or Rejection;
 Conclusions; Conclusions; References; ii Fouling Community Processes;
 Chapter 4 Succession on Hard Substrata; Introduction
 Succession and the Role of Disturbance Models 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 on a Global
 Scale; Background; Is There a Latitudinal Cline in Fouling Organisms?;
 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 Depth Introduction; 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 health.
