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Titolo	Microbes and evolution [[electronic resource]] : the world that Darwin never saw // edited by Roberto Kolter and Stanley Maloy
Pubbl/distr/stampa	Washington, D.C., : ASM Press, c2012
ISBN	1-68367-073-6 1-55581-847-1
Descrizione fisica	1 online resource (314 p.)
Altri autori (Persone)	KolterRoberto <1953-> MaloyStanley R
Disciplina	571.8/92
Soggetti	Microorganisms - Evolution Bacteria - Evolution Evolution (Biology)
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	""Cover""; ""Half Title""; ""Title Page""; ""Copyright""; ""Contents""; ""Contributors""; ""Preface""; ""Introduction: Darwin and Microbiology""; ""Chapter 1. Evolution in Action: A 50, 000-Generation Salute to Charles Darwin""; ""Chapter 2. Minimal Genomes and Reducible Complexity""; ""Minimal Cells: from Aristotle to Plato""; ""Naturally Evolved Reduced Genomes""; ""The Flagellum of a Bacterial Endosymbiont: A Case against Intelligent Design""; ""Chapter 3. Lady Lumpsa€?s Mouthguard""; ""Chapter 4. Trying To Make Sense of the Microbial Census""; ""Chapter 5. The View from Below"" ""Chapter 6. Running Wild with Antibiotics""""Chapter 7. Antibiotic Resistance""; ""What Are Antibiotics and How Do They Work?""; ""Some Bacteria Are Naturally Resistant to Particular Antibiotics""; ""How Susceptible Bacteria Become Resistant to Antibiotics""; ""Target- Focused Resistance Mechanisms""; ""Drug-Focused Resistance Mechanisms""; ""What Has Antibiotic Use Taught Us about Natural Variation, Selection, and Evolution of Bacteria?""; ""Where Do We Stand Today?""; ""Chapter 8. Bacteria Battling for Survival""; ""Chapter 9. Phage: An Important Evolutionary Force Darwin Never Knew"" ""Chapter 10. The Struggle for Existence: Mutualism""""Chapter 11. The

Secret Social Lives of Microorganisms"; "Chapter 12. Microbes and Microevolution"; "Chapter 13. Unnecessary Baggage"; "Chapter 14. Bacterial Adaptation: Built-In Responses and Random Variations"; "Graduality and Overlap of Bacterial Built-In Responses"; "Heterogeneity in Bacterial Populations"; "Bacterial Genome Plasticity"; "Variation of Mutation Rates"; "Clues of Bacterial Evolutionary Success"; "Chapter 15. The Impact of Differential Regulation on Bacterial Speciation"
"Chapter 16. An Accidental Evolutionary Biologist: GASP, Long-Term Survival, and Evolution""
"Chapter 17. How Bacteria Revealed Darwin's Mistake (and Got Me To Read On the Origin of Species)"; "The Importance of Small-Effect Mutations"; "Before You Can Estimate the Mutation Rate, You Must Eliminate Natural Selection"; "Why are Mutants Frequent in the Cairns Experiment?"; "Take-Home Points";
"Chapter 18. The Role of Conjugation in the Evolution of Bacteria";
"Chapter 19. Do Bacteria Have Sex?"; "Chapter 20. Better than Sex"
"Chapter 21. Darwin in My Lab: Mutation, Recombination, and Speciation"
"Chapter 22. Sexual Difficulties"; "Chapter 23. Unveiling Prochlorococcus: The Life and Times of the Ocean's Smallest Photosynthetic Cell"; "Chapter 24. Deciphering the Language of Diplomacy: Give and Take in the Study of the Squid-Vibrio Symbiosis";
"The Geological Context of the Evolution of Animal-Microbial Partnerships"; "A *Symbiosis* Begins: Margareta's Story";
"Evolution of a Microbiologist: Neda's Story"; "What We've Learned, Where We Are Now, and Where We're Going"
"Chapter 25. The Tangled Banks of Ants and Microbes"

2. Record Nr.	UNINA9910790557003321
Autore	Mata Camille Tuason
Titolo	Marginalizing access to the sustainable food system : an examination of Oakland's minority districts / / Camille Tuason Mata
Pubbl/distr/stampa	Lanham, MD : , : University Press of America, , [2013] ©2013
ISBN	0-7618-6054-1
Descrizione fisica	1 online resource (166 p.)
Disciplina	339.47
Soggetti	Sustainable agriculture - California Minorities - California
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.
Nota di contenuto	MARGINALIZING ACCESS TO THE SUSTAINABLE FOOD SYSTEM; Table of Contents; Preface; Acknowledgements; 1. Introduction: Framing the Indicators for Measuring Minority Food Access; 2. Community Food Security: An Evolving Concept; 3. Localizing Food Security: Oakland's Experience; 4. The History of Farming Access for Minority Farmers; 5. Historicizing Access to the Sustainable Food System through CSAs, Farmer's Markets, and Urban Gardens; 6. Summarizing Marginalization and Concluding Remarks; 7. Bibliography; About the Author
Sommario/riassunto	This book is a comprehensive analysis of the barriers and opportunities confronting minority communities' ability to access healthy, fresh foods. Mata uses three minority districts in Oakland-Chinatown, Fruitvale, and West Oakland-to examine the patterns of marginalization in relation to the sustainable food system of the California Bay Area.