Principles of Microbial Diversity

James W. Brown
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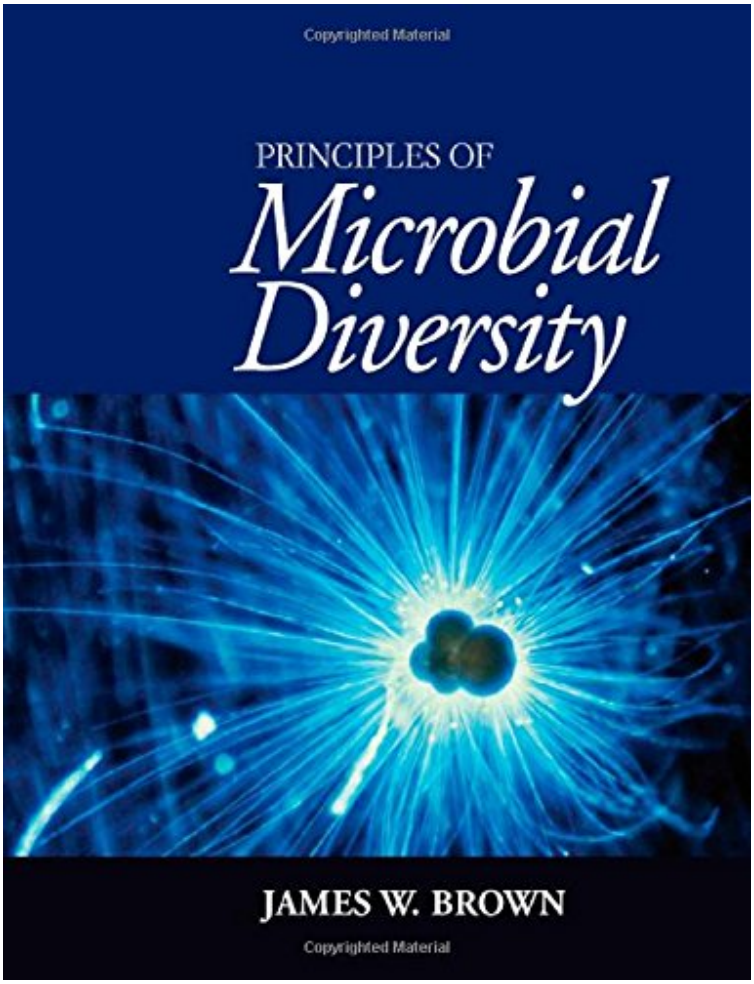

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James W. Brown : Principles of Microbial Diversity before purchasing it in order to gage whether or not it would be worth my time, and all praised Principles of Microbial Diversity:

4 of 4 people found the following review helpful. A good book for introduce undergraduate students into microbial diversity.By Salvador EmbarcaderoI have received with pleasantness this book. In fact the contains of it fill many gaps in a course of microbial diversity. The different sections are well written and are focused into the main and distinctive aspects of every microbial group. The illustrations are very suitable. Some recently-discovered microbial groups are missing in Archaea domain, for example phylum Thaumarchaeota. The section about phylogeny is short and could receive more attention in future editions.

Every speck of dust, drop of water, and grain of soil and each part of every plant and animal contain their own worlds of microbes. Designed as a key text for upper-level undergraduates majoring in microbiology, genetics, or biology,

Principles of Microbial Diversity provides a solid curriculum for students to explore the enormous range of biological diversity in the microbial world. Within these richly illustrated pages, author and professor James W. Brown provides a practical guide to microbial diversity from a phylogenetic perspective in which students learn to construct and interpret evolutionary trees from DNA sequences. He then offers a survey of the tree of life that establishes the necessary basic knowledge about the microbial world. Finally, the author draws the students attention to the universe of microbial diversity with focused studies of the contributions that specific organisms make to the ecosystem. Principles of Microbial Diversity fills an empty niche in microbiology textbooks by providing an engaging, cutting-edge view of the microbial zoo that exists around us, covering bacteria, archaea, eukaryotes, and viruses.

"We desperately needed a book that climbs the big tree, branch by branch, written both for undergraduates and as a reference. Principles of Microbial Diversity is that book!" Jo Handelsman, Howard Hughes Medical Institute Professor, Frederick Phineas Rose Professor, Department of Molecular, Cellular and Developmental Biology, Yale University "What an absolutely fabulous book! Jim Brown captures the excitement and transformative impact that microbial diversity has brought to the field of microbiology in a text appropriate for students. Principles of Microbial Diversity belongs on every microbiologist's bookshelf." - Hazel A. Barton; Associate Professor of Biology, Associate Professor of Geosciences, University of AkronAbout the AuthorPrinciples of Microbial Diversity fills a currently empty niche in microbiology textbooks and provides a current and comprehensive view of microbial diversity.