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Symbiosis, where different species live together for prolonged periods, is ubiquitous and extremely important in coral reefs. The most important symbiosis is between corals and the microalgae (zooxanthellae) that live in their cells, without which coral reefs would not exist. This chapter focusses on the diversity of zooxanthellae, the linkage with coral calcification, the supply of ... Symbiotic Interactions - Oxford Scholarship Symbiotic interactions - Oxford Scholarship Symbiosis, where different species live together for prolonged periods, is ubiquitous and extremely important on coral reefs. The most important symbiosis is between corals and the microalgae (zooxanthellae) that live in their cells, without which coral reefs would not exist. Symbiotic interactions - Oxford Scholarship Symbiotic mutualisms involve an intimate physiological link between the species. Nonsymbiotic mutualisms arise through interactions that may or may not involve physical contact. 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Douglas, a professor of insect physiology and toxicology at Cornell University, begins The Symbiotic Habit by asking the reader to look out the window and recognize that every organism is a product of symbiosis: green plants, plant-eating vertebrates, and even ... Symbiosis | BioScience | Oxford Academic An introduction to symbiosis.--2. Symbiosis as a source of novel metabolic capabilities.--3. Novel structures in symbiosis.--4. Nutritional interactions in symbiosis.--5. How symbioses are formed.--6. Regulation of microbial symbionts.--7. The ecological impact of symbiosis.--8. Symbiosis and the eukaryotic cell. Series Title: Oxford science ... Symbiotic interactions (Book, 1994) [WorldCat.org] Herbivores : between plants and predators : the 38th symposium of the British Ecological Society in cooperation with the Netherlands Ecological Society held at the Wageningen Agricultural University, The Netherlands, 1997 / edited by H. Olff, V.K. Brown, R.H. Drent. 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