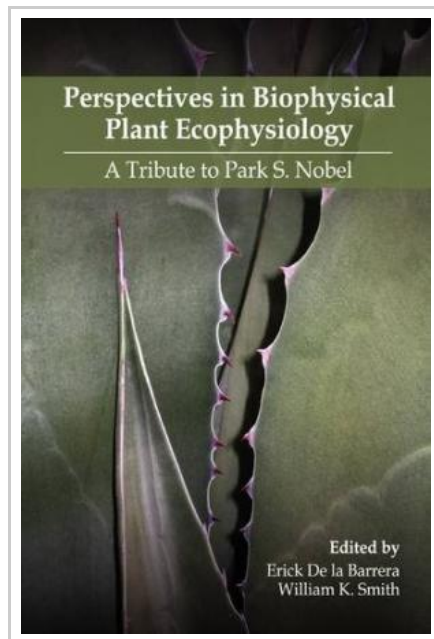




Perspectives in Biophysical Plant Ecophysiology: A Tribute to Park S. Nobel

By Erick De la Barrera, William K. Smith

Universidad Nacional Autonoma de Mexico, United States, 2009. Paperback. Book Condition: New. 226 x 150 mm. Language: English . Brand New Book ***** Print on Demand *****.Park S. Nobel pioneered the coupling of cellular physical chemistry with plant physiology, providing a sound physicochemical interpretation of the laws of diffusion to a rapidly expanding field of plant physiological ecology. His classical textbook is the only one of its kind to provide an extensive array of quantitative problems and solutions in the field of plant biophysics and ecophysiology, extending from the molecular to the ecological level. In this festschrift, former graduate students and postdocs, as well as colleagues of Prof. Nobel present a series of reviews that include scales from sub-cellular to global, and topics that range from desert succulent biology to the physiology of alpine plants, encompassing basic research and applications in agronomy and conservation biology. This state-of-the-field survey provides current and useful information for professionals and graduate students, while illustrating the broad span of the influence that Nobel's career has had on modern ecophysiology.



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