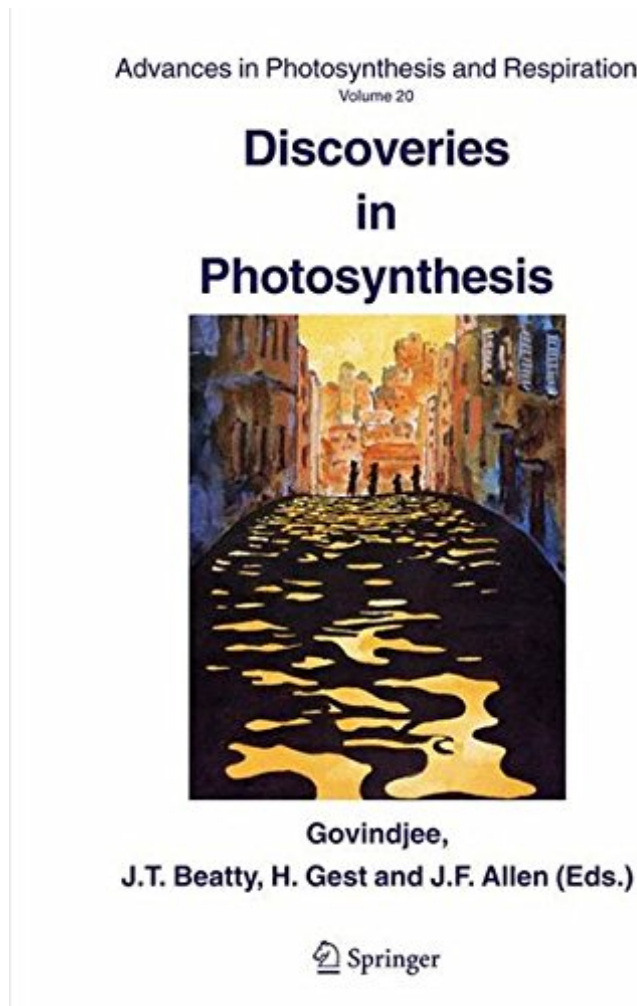


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of the significance of photosynthesis for life on earth. The study of photosynthesis has attracted the attention of a legion of biologists, biochemists, chemists and physicists for over 200 years. Discoveries in Photosynthesis presents a sweeping overview of the history of photosynthesis investigations, and detailed accounts of research progress in all aspects of the most complex bioenergetic process in living organisms. Conceived of as a way of summarizing the history of research advances in photosynthesis as of millennium 2000, the book evolved into a majestic and encyclopedic saga involving all of the basic sciences. The book contains 111 papers, authored by 132 scientists from 19 countries. It includes overviews; timelines; tributes; minireviews on excitation energy transfer, reaction centers, oxygen evolution, light-harvesting and pigment-protein complexes, electron transport and ATP synthesis, techniques and applications, biogenesis and membrane architecture, reductive and assimilatory processes, transport, regulation and adaptation, Genetics, and Evolution; laboratories and national perspectives; and retrospectives that end in a list of photosynthesis symposia, books and conferences. Informal and formal photographs of scientists make it a wonderful book to have. This book is meant not only for the researchers and graduate students, but also for advanced undergraduates in Plant Biology, Microbiology, Cell Biology, Biochemistry, Biophysics and History of Science.

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Govindjee and his colleagues are to be congratulated for preparing this extraordinary book, indeed without a parallel." (S. C. Maheshwari, Current Science, Vol. 92 (2), January, 2007) " It is an outstanding assembly of more than 100 articles: of personal reflections, of methods and approaches, of dedications and obituaries of those involved in the unravelling of photosynthesis, . The amount of information in these recollections is impressive in this book, and almost a complete source for references for a decisive time in a scientific field. It is with nostalgic pleasure that I read and recall those years. This book is a mine for everybody who wants to know more than just pure facts and what is condensed into a few pages in the textbooks." (Professor Emeritus Achim Trebst, Bochum University, Bochum, Germany, February 2007) "Discoveries in Photosynthesis is a new edited volume out of the Advances in Photosynthesis and Respiration series . 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much time of young researchers would be spared if they would know what had been done, in some cases many years ago. 112 review articles were published once more in one, very thick book. scientists interested in photosynthesis this volume is certainly an important material to have on the book shelf." (*Z. estk, Photosynthetica*, Vol. 45 (2), 2007) "111 papers, written by 132 authors from 19 countries, have been compiled to a real encyclopedia of photosynthesis research with a clear arrangement. A remarkable feature of the book is its rich illustration. All chapters include informal and formal photographs of the scientists. The book is meant not only for researchers and graduate students, but also for advanced undergraduates in plant biology, microbiology, cell biology, biochemistry, biophysics and, not to forget, history of science." (Eckehard Hxtermann, *History and Philosophy of the Life*, Issue 28, 2006)