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The Evolution of American Ecology, 1890-2000

By Sharon E. Kingsland

Johns Hopkins University Press. Paperback. Book Condition: new. BRAND NEW, The Evolution of American Ecology, 1890-2000, Sharon E. Kingsland, In the 1890s, several initiatives in American botany converged. The creation of new institutions, such as the New York Botanical Garden, coincided with radical reforms in taxonomic practice and the emergence of an experimental program of research on evolutionary problems. Sharon Kingsland explores how these changes gave impetus to the new field of ecology that was defined at exactly this time. She argues that the creation of institutions and research laboratories, coupled with new intellectual directions in science, were crucial to the development of ecology as a discipline in the United States. The main concern of ecology-the relationship between organisms and environment-was central to scientific studies aimed at understanding and controlling the evolutionary process. Kingsland considers the evolutionary context in which ecology arose, especially neo-Lamarckian ideas and the new mutation theory, and explores the relationship between scientific research and broader theories about social progress and the evolution of human civilization. By midcentury, American ecologists were leading the rapid development of ecosystem ecology. At the same time, scientists articulated a sharp critique of modern science and society in the postwar context, foreshadowing...



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Reviews

An incredibly great book with perfect and lucid answers. Better then never, though i am quite late in start reading this one. You will not sense monotony at whenever you want of the time (that's what catalogues are for relating to if you question me).

-- **Nannie Lindgren Jr.**

This publication may be really worth a go through, and a lot better than other. It really is full of knowledge and wisdom Its been printed in an exceptionally easy way in fact it is simply after i finished reading this publication by which basically modified me, affect the way i really believe.

-- **Troy Dietrich DDS**