

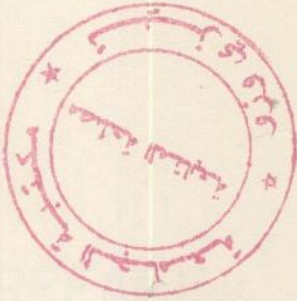
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MODERN BIOLOGY SERIES



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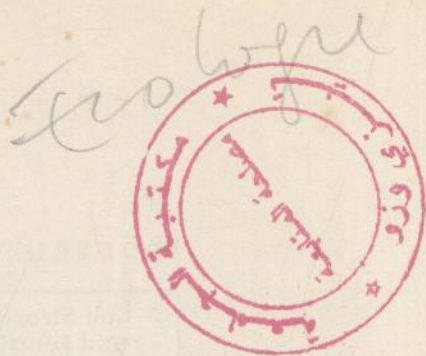
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The twentieth century has seen biology come of age as a conceptual and quantitative science. Major functional phenomena rather than catalogues of animals and plants comprise the core of MODERN BIOLOGY; such heretofore seemingly-unrelated fields as cytology, biochemistry, and genetics are now being unified into a common framework at the molecular level.

The purpose of this Series is to introduce the beginning student in college biology—as well as the gifted high school student and all interested readers—both to the concepts unifying the fields of biology and to the diversity of facts that give the entire field its unique texture. Each book in the Series is an introduction to one of the major foundation stones in the mosaic. Taken together, they provide an integration of the general and the comparative, the cellular and the organismic, the animal and the plant, the structural and the functional—in sum, a solid overview of the dynamic science that is MODERN BIOLOGY.