
By DAVID STARR JORDAN, Ph. D.

Animal Life.

A First Book of Zoölogy. By DAVID STARR JORDAN, M. S., M. D., Ph. D., LL. D., President of Leland Stanford Junior University, and VERNON L. KELLOGG, M. S., Professor of Entomology in Leland Stanford Junior University. 12mo. Cloth, \$1.20.

This book gives an account in an elementary form of animal ecology—that is, of the relations of animals to their surroundings. It treats of animals from the standpoint of the observer, and attempts to show the student why the present conditions and habits of animal life are as we find them. It explains how the infinite variety of animal form and mode of life is the inevitable outcome of the struggle for existence under changing conditions and environments. Beginning with the amoeba, the simplest form of cell life, it traces the evolution of animal variations and adaptations through successive stages of development, until the highest specialization and the most complex organization are reached in man.

The book is designed from the outset to make the student an independent observer and thinker. It treats of the phase of zoölogy that appeals most strongly to the interest of the young learner, and in a way to make the study a most pleasant and profitable one. It is intended to provide work for one half year in the ordinary high-school course, and is to be followed by a second volume, "Animal Forms," treating of structure, to complete a year's study when this period is assigned to the subject. The topics as treated are elastic, however, and either book can be made to cover a somewhat longer or shorter time, if desired.

The illustrations, which have been prepared expressly for the work, are of an especially attractive and instructive character, and add conspicuously to its distinctive features. Like the other volumes of the Twentieth Century Text-Books, it is accompanied by a brief manual containing hints to teachers, references, etc.

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