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Contact: Jessica Moody, VP Marketing
(800) 562-2139 x101
jmoody@greyhouse.com

Salem Press Announces the newest Volume in *The Principles of Science Series, Botany*

Salem Press is pleased to add *Principles of Botany* as the seventeenth title in the *Principles of Science* series. This new resource introduces students and researchers to the fundamentals of botany using easy-to-understand language, to provide a solid background, and help readers develop a deeper understanding and appreciation of this important and evolving subject.

Botany is the science of the study of plants and plant life, a human activity that in some ways predates the existence of humans. Consider that animals have coexisted with plants almost as long as there have been plants. Plants provide the basic food for all animals, and animals would have had to learn to recognize the ‘good’ plants and avoid the ‘bad’ plants. Accordingly, plants and animals both naturally evolved in such a way that they could exploit other species or protect themselves from them. The human race, and indeed all of the animal species past, present and future, would not exist were it not for the many millions of species that make up the plant kingdom, the Plantae.

This edition includes 145 entries arranged in A to Z order to help make finding a topic of interest easy. Entries related to basic principles and concepts include fields of study related to the topic; an Abstract that provides a brief, concrete summary of the topic; Key Concepts important to a proper understanding of the topic; a detailed Essay that gives an explanation of the background and significance; and Further Reading lists that relate to each entry.

Entries in *Principles of Botany* range from one to five pages in length. Topics discussed include:

- Algae
- Colonization of the Land
- Deforestation
- DNA in Plants
- Ecosystems
- Flower Structure
- Herbicides
- Marine Plants
- Rain Forests and the Atmosphere

This volume also includes several helpful appendixes, including:

- A Glossary that defines all the key specialized terms used throughout the book
- A comprehensive General Bibliography and list of Further Reading, comprising all the works that the authors drew upon in writing their articles as well as subjects for further study
- A Subject Index, that offers multiple points of entry for the reader

Designed for students and researchers, this volume provides new ways to think about and study issues, policies, and practices in botany. This will be a helpful addition to science and environmental programs at the high school, community college, and university levels.

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Principles of Botany

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Other Volumes in this Series:

Principles of Astronomy

Principles of Biology

Principles of Biotechnology

Principles of Chemistry

Principles of Climatology

Principles of Computer Science

Principles of Ecology

Principles of Modern Agriculture

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