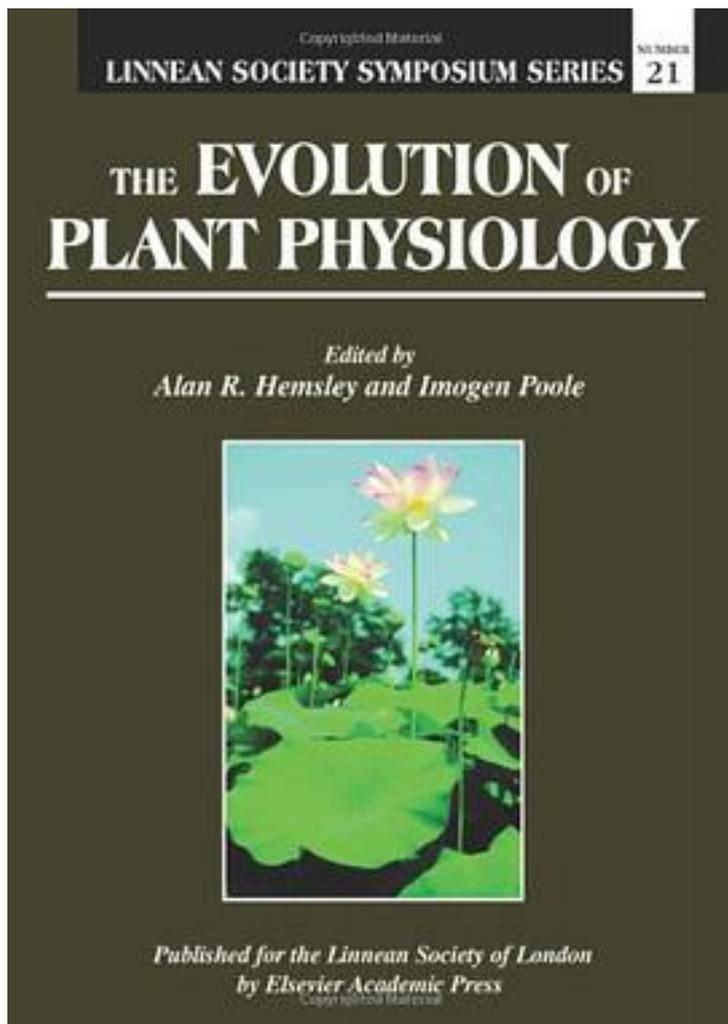


The Evolution of Plant Physiology



[The Evolution of Plant Physiology_下载链接1](#)

著者:Hemsley, Alan R. (EDT)/ Poole, Imogen

出版者:Academic Pr

出版时间:2004-2

装帧:HRD

isbn:9780123395528

Coupled with biomechanical data, organic geochemistry and cladistic analyses

utilizing abundant genetic data, scientific studies are revealing new facets of how plants have evolved over time. This collection of papers examines these early stages of plant physiology evolution by describing the initial physiological adaptations necessary for survival as upright structures in a dry, terrestrial environment. The "Evolution of Plant Physiology" also encompasses physiology in its broadest sense to include biochemistry, histology, mechanics, development, growth, reproduction and with an emphasis on the interplay between physiology, development and plant evolution. It has contributions from leading neo- and palaeo-botanists from the Linnean Society. Focus is on how evolution shaped photosynthesis, respiration, reproduction and metabolism. There is coverage of the effects of specific evolutionary forces - variations in water and nutrient availability, grazing pressure, and other environmental variables.

作者介绍:

目录:

[The Evolution of Plant Physiology_下载链接1](#)

标签

评论

[The Evolution of Plant Physiology_下载链接1](#)

书评

[The Evolution of Plant Physiology_下载链接1](#)