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Figs. 3–5 at the end of the issue

Moore, T. C.: *Biochemistry and Physiology of Plant Hormones*, Second Edition. – Springer Verlag, New York – Heidelberg–Berlin–London–Paris–Tokyo–Hong–Kong 1989. 330 pp. Hardcover DM 98.–.

Second edition of Thomas C. Moore's well known textbook on phytohormones appears just 10 years after the first one. The textbook clearly reflexes author's experience in teaching: it is very well, didactically arranged and the text is supplemented with many (176) carefully chosen figures. The book consists of the following chapters: Introduction, Auxins, Gibberellins, Cytokinins, Abscisic acid and related compounds, Ethylene, Brassinosteroids, Phytochrome.

The Introduction is very general, reviewing basic terms and growth kinetics of cells, tissues, organs and whole plants. All chapters dealing with hormones have a similar arrangement covering the history of discovery, basic terminology, chemistry, metabolism, physiological effects, and mechanism of action. The textbook was updated in comparison with the first edition. Maybe I would expect more data on hormone receptors, practical use and in places more of the newest data on the mechanism of action. But the author himself explains in the Preface, why he preferred to omit some of them.

The second edition of T. C. Moore's textbook is as good as the first one and the students in the field are highly recommended to use it as a basic source of information on phytohormones.