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BOOK REVIEW

SCHREIBER, K., SCHÜTTE, H. R., SEMBDNER, G. (ed.): CONJUGATED PLANT HORMONES. STRUCTURE, METABOLISM AND FUNCTION. – VEB Deutscher Verlag der Wissenschaften, Berlin 1987. 405 pp.

The book comprises Proceedings of both oral and poster communications of the International Symposium on Conjugated Plant Hormones held in Gera, GDR, November 3–7, 1986. Although devoted to a special part of the phytohormone field, it brings new information important for our understanding of phytohormone metabolism and action in general. The success of the Symposium as well as the value of the book is partly due to the contributions of many of the world best specialists in the field, *e.g.* R. S. Bandurski, A. Merkys, K. Z. Gamburg, V. Magnus and J. Cohen (auxin), S. F. Yang and N. Amrhein (conjugation of ethylene precursor, 1–aminocyclopropane-1-carboxylic acid, ACC), R. Zhang from Letham's laboratory and K. Kleczkowski from Schell's laboratory (cytokinins), B. O. Phinney, G. Schneider, S. B. Rood, H. W. Liebisch and W. Schliemann (gibberellins), K. Dörffling and H. Lehmann (abscisic acid), T. Yokota (brassinosteroids), U. Mossetti (polyamines), Ch. Brückner (jasmonic acid), R. H. Schütte and B. C. Loughman (synthetic regulators and herbicides) and E. M. Kof (phenolic substances).

Besides the occurrence of various hormone conjugates, their metabolism, biological activity, in some cases also the transport and possible mode of action are discussed. Some analytical techniques for conjugates determination are also described, namely ion-mass spectroscopy and gas chromatography coupled to mass spectrometry.

As usual with Proceedings, the book was printed by offset. The quality of all texts and illustrations is good. The book represents a very useful survey of our knowledge of conjugated plant hormones and could be recommended to all those interested in the phytohormone research.

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