

BOOK REVIEW

E. LIBBERT et al., *Wachstumsregulatoren bei Pflanzen*, 322 p. VEB Gustav Fischer Verlag, DDR-Jena. 1967. M. 38.—.

This collection of papers is a separate edition of "Wissenschaftliche Zeitschrift der Universität Rostock, mathematisch-naturwissenschaftliche Reihe 16, 395–716 (1967). It contains the papers read at the International Meeting at Rostock/Kühlungsborn 1966 on "Growth Regulation in Plants".

The larger papers (the lectures) have summaries in the english, russian, french and german languages, the smaller ones (the reports) have only references. Both groups of papers are well-illustrated with graphs and photographs. Questions and comments of the audience have not been inserted.

There are 18 lectures and 59 reports, covering the influence of hormones and synthetic regulators on elongation, root growth, differentiation, root initiation, flowering, photoperiodism, vernalisation, apical dominance, dormancy, abscission, tropisms, water regulation, and metabolism (including nucleic acid metabolism). The mayor part of the papers is related to auxins, their biosynthesis, catabolism, distribution, transport and interaction with other hormones. The remaining ones deal with gibberellins, phytokinins, abscisins, and synthetic stimulators or inhibitors of various processes.

These contributions of so many distinguished investigators from both sides of the Iron Curtain will make the collection a valuable acquisition.

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