

PAPERS ACCEPTED FOR PUBLICATION IN MAY AND JUNE

- D. BURNETT, L. J. AUDUS and E. HEFTMANN: Growth substances in the roots of *Vicia faba*—II.
- D. F. MEIGH and A. C. HULME: Fatty acid metabolism in the apple fruit during the respiration climacteric
- T. R. SESHADRI and K. VASISHITA: Polyphenols of the leaves of *Psidium guava*. Quercetin, guaijaverin, leucrujanidin and amritoside
- R. GOREN and E. E. GOLDSCHMIDT: Peroxidase activity in citrus tissues
- P. M. DUNNILL and L. FOWDEN: The amino acids of seeds of the Cucurbitaceae
- SYNNOVE L. JENSEN: On fungal carotenoids and the natural distribution of spirilloxanthin
- K. S. YANG and G. R. WALLER: Biosynthesis of the pyridine ring of ricinine from quinolinic acid glycerol and aspartic acid
- R. D. BENNETT and E. HEFTMANN: Biosynthesis of *Holarrhena* alkaloids from pregnenolone and progesterone
- H. R. ARTHUR, K. F. CHENG, M. P. LAU and K. J. LIE: An examination of three *Quercus* species of Hong Kong
- I. R. C. BICK and G. K. DOUGLAS: Yellow constituents of Tasmanian sassafras heartwood
- R. J. H. WILLIAMS, B. H. DAVIES and T. W. GOODWIN: The presence of β -zeacarotene in cultures of diphenylamine-inhibited *Phycomyces blakesleeanus*
- D. P. HOLDGATE and T. W. GOODWIN: Quantitative extraction and estimation of plant nucleic acids
- B. A. KNIGHTS: Identification of the sterols of oat seed
- J. F. FREDERICK and A. C. GENTILE: Physico-chemical studies of the metabolic end-product of 3-amino-1,2,4-triazole in yeast
- D. P. HOLDGATE and T. W. GOODWIN: Metabolism of nucleic acids during early stages of the germination process in rye (*Secale cereale*)
- J. VAN BRAGT, L. M. ROHRBAUGH and S. H. WENDER: The effect of 2,4-di-chlorophenoxy-acetic acid on the rutin content of tomato plants
- L. A. HADWIGER, H. G. FLOSS, J. R. STOCKER and E. E. CONN: Biosynthesis of orcyalalanine
- M. PIATTELLI, M. MINALE and R. A. NICOLAUS: Pigments of centrospermae—V. Betaxanthins from *Mirabilis jalapa*
- W. V. HANCOCK and E. P. SWAN: The petroleum ether-soluble extractives of British Columbia coastal and interior type Douglas fir
- E. HAREL, A. M. MAYER and Y. SHAIN: Purification and multiplicity of catechol oxidase from apple chloroplasts
- JANINA H. ROGOZINSKA, PATRICIA A. BRYAN and W. G. WHALLER: Development changes in the distribution of carbohydrates in the maize root apex