

## PAPERS ACCEPTED FOR PUBLICATION

- D. BURNETT and L. J. AUDUS: The use of fluometry in the estimation of naturally occurring indoles in plants. (*Received 6 November 1963.*)
- D. J. FOX, D. A. THURMAN and D. BOULTER: Studies on the proteins of seeds of the Leguminosae (1) Albumins. (*Received 6 November 1963.*)
- L. W. MAPSON: The ascorbic acid system in leaves: further observations on photooxidation and photoreduction. (*Received 12 November 1963.*)
- C. MATHIS and G. OURISSON: Etude chimio-taxonomique du genre *Hypericum* IV. Repartition des sesquiterpenes des alcools. (*Received 12 November 1963.*)
- C. MATHIS and G. OURISSON: Etude chimio-taxonomique du genre *hypericum* V. Identification de quelques constituants non volatils d'*Hypericum perforatum* L. (*Received 12 November 1963.*)
- J. H. ROGOZINSKA, P. A. BRYAN and W. G. WHALEY: Development changes in the distribution of carbohydrates in maize root apex. (*Received 14 November 1963.*)
- J. B. HARBORNE: Plant polyphenols XI. The structure of acylated anthocyanins. (*Received 14 November 1963.*)
- W. BOTTOMLEY and T. A. GEISSMAN: Pytrolizidine alkaloids. The biosynthesis of retronecine. (*Received 15 November 1963.*)
- R. WATANABE, W. CHORNEY, J. SKOK and S. H. WENDER: Effect of boron deficiency on polyphenol production in the sunflower. (*Received 20 November 1963.*)
- J. B. HARBORNE and E. HALL: Plant polyphenols XII. The occurrence of triclin and of glycoflavones in grasses. (*Received 26 November 1963.*)
- J. W. HYLIN: Biosynthesis of mimosine. (*Received 23 November 1963.*)
- B. LADESIC and T. C. TSO: Biochemical studies on tobacco alkaloids VI. Biosynthesis of nicotine through nornicotine. (*Received 23 November 1963.*)
- M. C. B. VAN RHEEDE VAN OUDTSHOORN: Chemotaxonomic investigations in Asphodeleae and Aloineae (Liliaceae). (*Received 20 November 1963.*)
- J. R. TROYER: Leucoanthocyanin formation in buckwheat seedling hypocotyls. (*Received 23 November 1963.*)
- A. M. MAYER, E. HAREL and Y. SHAIN: 2,3-Naphthalenediol, a specific competitive inhibitor of phenolase. (*Received 4 December 1963.*)
- H. E. WRIGHT, Jr., W. W. BURTON and R. C. BERRY, Jr.: Soluble browning reaction pigments of aged burley tobacco II. The dialysable fraction. (*Received 17 December 1963.*)
- MICHIO KONISHI and A. W. GALSTON: Light induced changes in phenolic inhibitors of indoleacetic acid oxidase in cotyledons of *Pharbitis nil*. (*Received 17 December 1963.*)
- B. T. CROMWELL and MARGARET F. ROBERTS: The biogenesis of  $\gamma$ -coniceine in hemlock (*Conium maculatum* L.). (*Received 16 December 1963.*)

- J. B. HARBORNE and E. HALL:** Plant polyphenols. XIII. The systematic distribution and origin of anthocyanins containing branched trisaccharides. (*Received 16 December 1963.*)
- SAID Z. EL-BASYOUNI, D. CHEN, R. K. IBRAHIM, A. C. NEISH and G. H. N. TOWERS:** The biosynthesis of hydroxybenzoic acids in higher plants. (*Received 17 December 1963.*)
- P. M. NAIR and C. S. VAIDYANATHAN:** Anthranilic acid oxidase system of *Tecoma stans*. II. Studies on the properties of a purified anthranilic acid oxidase system and its separation into different enzymic components. (*Received 31 December 1963.*)