

## ANNOUNCEMENTS

### THE PHYTOCHEMICAL SOCIETY OF EUROPE TATE AND LYLE AWARD



1986 Tate and Lyle Award Lecturer  
DR. ALFRED J. KEYS

The Phytochemical Society of Europe Tate and Lyle Award for 1986 has been awarded to Dr. Keys for his outstanding contributions to plant biochemistry. Dr. Keys attended Marling School, Stroud, Gloucestershire and went on to obtain a B.Sc. in Chemistry with Agricultural Chemistry at the University College of Wales, Aberystwyth. Studies at the Imperial College of Science and Technology, London brought a Ph.D. in 1959. Dr. Keys continued to do research at Imperial College in the ARC Research Institute of Plant Physiology until moving to Rothamsted Experimental Station, Harpenden in 1971.

Research work with various colleagues and students has resulted in significant publications on sucrose synthesis in plants, nucleotide coenzymes in plants including their distribution between chloroplasts and cytoplasm, the conversion of glycine to serine in mitochondria and its coupling to the electron transport pathway and potentially to phosphorylation of ADP, the discovery and characterization of the photorespiratory nitrogen cycle, and radiotracer studies of the effect of environment and inhibitors on photorespiratory metabolism in leaves. More recently, contributions have been made to the characterization of photorespiratory mutants, studies of nitrogen metabolism in leaves and to the detailed study of ribulose biphosphate carboxylase from wheat leaves and from other plant species. Of special concern to Agriculture is the contribution to knowledge of photorespiration and the oxygenase activity of ribulose biphosphate carboxylase which initiates the wasteful process in leaves.

Dr. Keys is most widely respected throughout the world for his scholarly work and for the supreme reliability of his experimentation. He is a very worthy winner of the Tate and Lyle Award.

The Award Lecture, entitled, 'Biochemistry of the Initial Steps of Photosynthetic Carbon Assimilation', will be delivered at the PSE Symposium on the chemistry, taxonomy and economic botany of the Euphorbiales to be held at Kew between 2nd and 4th April 1986.

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Members of the Phytochemical Society of Europe are reminded that candidates for the Tate and Lyle Award may be put forward at any time, though the closing date for consideration for the 1987 Award is 31st March 1986.

Nominations should be sent to either of the two Secretaries of the Society.

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### GROUPE POLYPHENOLS 1986 MEETING

This will be held 9–11 July at the University of Science and Technology of Languedoc, Montpellier, France. The main Symposium topics are: fruit phenolics, glycosylation of phenolics, peroxidases, quinones and analytical methods. For further information, contact: Prof. J. J. Macheix, Lab. de Physiologie Vegetale Appliquee, Université du Languedoc, F. 34060, Montpellier, France.

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### INTERNATIONAL FOOD LEGUME RESEARCH CONFERENCE

This will be held 6–11 July at the Sheraton Hotel, Spokane, Washington, U.S.A., and will follow on after the Second International Legume Conference to be held at the Missouri Botanic Garden from 23 to 27 June. It will concentrate on the pea, lentil, fababean and chickpea. For further information, contact: Dr. R. H. Lockerman, Plant & Soil Science Dept., Montana State University, Bozeman, Montana 59717, U.S.A.

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### CELL WALLS: THE HOST–MICROBE INTERFACE

This is the theme of the Meeting, organised by the British Society for Plant Pathology, to be held 15–17 July at Hull University. It will deal with various aspects of the involvement of plant and microbial cell walls in plant pathogenesis and symbiosis. For further information, contact: Dr. R. Whitbread, School of Plant Biology, UCNW, Bangor, Gwynedd LL57 2UW, U.K.

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### INTERNATIONAL SYMPOSIUM ON GRASS SYSTEMATICS AND EVOLUTION

This will be held 27–31 July at the Smithsonian Institution, Washington, DC, U.S.A. The biochemical sessions will include reviews of: Variations in photosynthetic pathways (P. W. Hattersley), Chloroplast DNA (K. W. Hill), Nuclear DNA (R. Appels), Amino acid profiles (H. H. Yeoh), Phenolics (J. B. Harborne, C. A. Williams) and Allozymes (A. L. Kahler.) For further information or registration, contact: Louise Salmon, American Institute of Biological Sciences, Central Station, Washington, DC 20038, U.S.A.