

## EIGHTH ANNUAL MEETING OF THE PHYTOCHEMICAL SOCIETY OF NORTH AMERICA

JUNE 6-8, 1968

“PHYTOCHEMISTRY and the Plant Environment” was the theme of the 8th Annual Symposium and meeting of the Phytochemical Society of North America, held on the campus of the University of Arizona, Tucson, Arizona, June 6-8, 1968. The meeting was co-sponsored by the departments of chemistry, plant pathology and biology. Twelve invited papers dealt with the chemistry of interaction between plants and numerous factors, such as fungi, insects, air pollutants, light, soil, toxins from competing plants and phytoalexins. The banquet speaker was Professor Sidney W. Fox, Institute for Molecular Evolution, University of Miami, Florida, who presented a fascinating account of the probable origin of primordial cells from amino acids under simulated pre-biotic conditions. Ninety scientists from Canada, Mexico and the United States attended the meeting.

The following titles represent the range of topics discussed:

- “Effects of Some Environmental Stress Factors on Certain Phenols in Tobacco and Sunflower Plants”, Simon H. Wender, University of Oklahoma
- “Physiological and Biochemical Effects of Air Pollution Exidants on Plants”, W. M. Dugger, Jr., Univ. of California at Riverside
- “Antifungal Compounds Produced by Higher Plants”, Albert Stoessl, Canada Department of Agriculture, London, Ontario
- “Host-Specific Toxins as Determinants of Pathogenicity”, Robert Scheffer, Michigan State University
- “Induced Host Resistance—A Hypothesis Derived from Studies of Phytoalexin Production”, Lee A. Hadwiger, Washington State University
- “Phytochemistry and Plant Insect Relations”, Henry Kircher, University of Arizona
- “Insect Moulting Hormones in Higher Plants”, Erich Heftmann, California Institute of Technology
- “Biosynthesis of Plant Sterols”, Gert Jacobsohn, Hahnemann Medical School, Philadelphia
- “Plant Components and Soil Organic Matter”, Eldor Paul, University of Saskatchewan, Canada
- “Phytotoxins as Plant Habitat Variables”, Cornelius H. Muller, University of California, Santa Barbara
- “The Biosynthesis of Glucosinolates in Higher Plants”, Leslie Wetter, Prairie Regional Laboratory, Saskatoon, Canada
- “New Sesquiterpenes Isolated from *Ambrosia* and *Franseria* Species”, Jesus Romo, National University of Mexico, Mexico, D.F.

The Symposium will be published in hardback by Appleton-Century-Crofts as part of a series entitled: *Advances in Phytochemistry*. Correspondence regarding the Symposium should be addressed to Professor Cornelius Steelink, Department of Chemistry, University of Arizona, Tucson, Arizona, 85721.