

ANNUAL REPORT

MEETING OF THE PHYTOCHEMICAL SOCIETY OF NORTH AMERICA

CHEMISTRY, Biochemistry, and Phylogeny of Terpenoids was the theme of the Annual Symposium and Meeting of the Phytochemical Society of North America held at the Instituto Tecnológico y de Estudios Superiores de Monterrey, Monterrey, Mexico, 6–8 October 1971. Nine symposium papers and 36 contributed papers were presented.

Dr. J. POLONSKY (C.N.R.S., Gif-sur-Yvette, France) discussed the "Chemistry and Biogenesis of the Quassinoids (Simaroubolides)" and presented recent evidence that supported the triterpene origin of the quassinoids; Dr. T. A. GEISSMAN (Univ. California, Los Angeles) discussed chemical evidence for "Biosynthetic Relationships in Sesquiterpene Lactones"; Dr. R. IRVING (Univ. of Montana, Missoula, Montana) discussed "Genetics and Biosynthetic Relations of Monoterpenes" and illustrated how recent genetic data pointed to weaknesses in the present schemes for the biogenesis of various monoterpene types; Dr. T. W. GOODWIN (Univ. Liverpool) discussed "New Developments in the Biosynthesis of Carotenoids and Plant Sterols" and presented evidence for an anaerobic cyclization of lycopene for the biosynthesis of α - and β -carotene; Dr. W. D. LOOMIS (Oregon State Univ.) discussed the "Biochemistry of Lower Terpenoids (C_5 – C_{15})" and indicated several interesting physiological problems involved with studying the lower terpenoids; Dr. A. I. SCOTT (Yale University) discussed the "Biosynthesis of Indole Alkaloids: Rearrangement of the mevalonated derived segment"; Dr. P. CRABBÉ (Syntex de Mexico) discussed "Applications of Physical Methods to Some Structural and Stereochemical Problems in Terpenes and Steroids"; Dr. J. ROMO (Instituto de Química, UNAM) discussed "The Structure of Several Sesquiterpenes Isolated in Compositae"; and Drs. B. L. TURNER and R. FLAKE (Univ. of Texas, Austin) discussed "Terpenes and Phylogeny" where they presented results of their study on *Juniperus*. These papers will appear in Vol. VI of *Recent Advances in Phytochemistry*, edited by V. RONECKLES and published by Academic Press, New York. The anticipated publication date is mid-1972.

New officers elected for the Society are

President. ERIC E. CONN, Univ. of Calif., Davis.

Vice-President. KENNETH R. HANSON, Conn. Agric. Exp. Sta., New Haven, Conn.

Secretary. JAMES W. WALLACE, Western Carolina Univ., Cullowhee, N.C.

Treasurer. JERRY W. MCCLURE, Miami Univ., Oxford, Ohio.

The 1972 Meeting will be held at Syracuse, New York, probably on 18–20 October. The symposium topic is "Chemistry and Biochemistry of Regulators of Plant Growth and Metabolism".

Department of Biology
Western Carolina University
Cullowhee, North Carolina 28723
U.S.A.

JAMES W. WALLACE
Secretary