H. S. Olcott Receives Bailey Award

The North Central Section of The American Oil Chemists' Society is pleased to announce that this year's Bailey Award was presented to H. S. Olcott ('51) Professor of Marine Food Science at the University of California, Berkeley campus. F. A. Norris, President of the section, presented the award to Dr. Olcott at the section's March 26, 1969 meeting held at the Swedish Club in Chicago, Illinois. The award read as follows: "In recognition of his contributions toward understanding the antioxidant and physiological functions of tocopherols, elucidating the mechanism of antioxidant function and delineating the properties of oilseed and fish proteins."

The Medal

The North Central Section of the AOCS has established this award to recognize outstanding research and exceptional service in the field of lipids and associated products. The medal commemorates A. E. Bailey's great contribution to the field of fats and oils as a researcher, as an author of several standard books in the field, and as a leader in the work of the Society.

Previous medalists were: 1959, V. C. Mehlenbacher; 1960, R. H. Potts; 1961, J. C. Cowan; 1963, A. R.

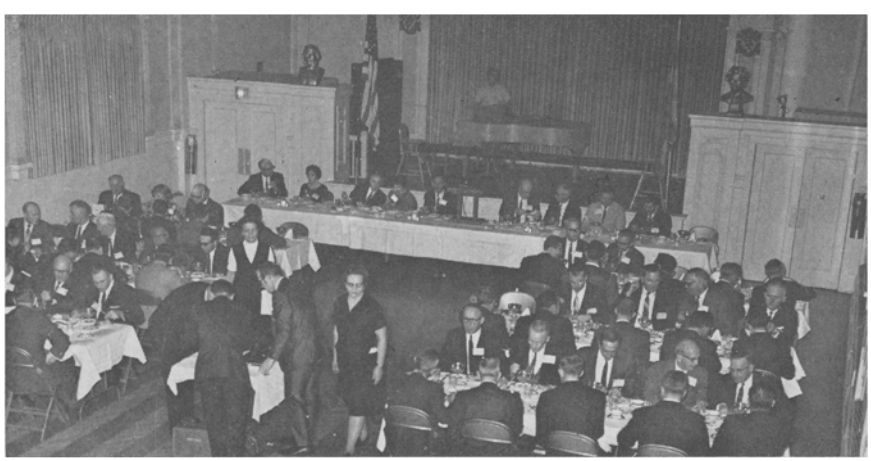
(Continued on page 316A)

Left to Right: H. S. Olcott, F. A. Norris and R. A. Reiners.

Mr. & Mrs. H. S. Olcott.

R. G. Krishnamurthy and G. C. Rimnac.

A surprise for Dr. Olcott was his brother and wife, pictured here with F. A. Norris.



Everyone enjoyed a delicious roast beef dinner and a social hour.

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(Continued from page 314A)

Left to Right: L. L. Lachat, H. S. Olcott and G. E. Barker.

Baldwin; 1965, T. P. Hilditch; 1966, D. Swern; 1967, W. O. Lundberg; and 1968, H. J. Dutton.

Sponsoring Companies

This year's sponsors of the A. E. Bailey Award include the following: Anderson Clayton and Co., Ashland Chemical Co., Cargill, Inc., Central Soya Co., Corn Products Co., DeLaval Separator Co., Durkee Famous Foods, General Foods, Inc., The Johnson's Wax Fund, Mead Johnson Research Center, National Dairy Products Corp., Oscar Mayer and Co., and Sargent-Welch Scientific Co.

The Medalist

Professor Olcott has over 160 publications including 14 patents. His work covers the gamut from highly theoretical investigations on lipid antioxidants to very practical research on the effect of cooking cottonseed meats on oil yield. Lipid antioxidants have been a major research interest of Professor Olcott. In his early work, much of it done in conjunction with Professor H. A. Mattill, he demonstrated that tocopherols were the antioxidants in most vegetable oils, that cephalim was an active antioxidant and that sesame oil contained unusual and potent antioxidants. More recently he has found that free fatty acids affect the potency of antioxidants, shown that seleno-

Left to Right: B. Szuhaj, F. A. Norris, A. A. Rodeghier, Mr. & Mrs. H. S. Olcott, R. H. Maas, K. W. Klein and R. A. Reiners.

methionine is a potent antioxidant, examined the role of individual phospholipids as antioxidants and synergists, done fundamental work on the generation of thiobarbituric acid-reactive substances during autoxidation, examined the relative antioxidant activity of tocopherols and demonstrated a mechanism by which amines act as antioxidants. This by no means sums up Professor Olcott's research interests. He and his students have examined the lipid in fish, tocopherols in human adipose tissue, insecticides in Pacific sea birds, residual lipids in fish protein concentrate, alfalfa lipids, tocopherols in fish nutrition and many others. Professor Olcott is also recognized as an outstanding protein chemist especially for his work on fish and wheat proteins.

Section Business

Following a social hour and a delicious roast beef dinner, the North Central Section President F. A. Norris called the meeting to order and officers for the coming year were elected. The new officers are: President, George C. Rimnac; Vice-president, George R. Jackson; Secretary, Joseph G. Endres; Treasurer, David R. Erickson.

Members-at-large to serve two-year terms are L. D. Williams and De Witte Nelson.

R. A. Reiners, Chairman of the Bailey Award Committee then introduced President F. A. Norris who discussed Dr. Olcott's research and contributions to the industry and presented him with the medal and a check. Dr. Olcott proceeded to give an excellent lecture on "The Antioxidant Story, Past and Present." An interesting question and answer period followed the lecture.

• *New Products*

The H/I-300 is a new maintenance-free laboratory microscope from West Germany. It features positive backlash proof focusing and an object stage that is completely immune to stage drift. A double lens protection system prevents damage to objectives and specimen. The light source is built into the microscope base. The H/I-300 is available with inclined interchangeable monocular or binocular, fully rotatable, observation tubes. The Wetzlar-made optics assure optimum resolution and image clarity. At user's option, the H/I-300 may be equipped with components for phase contrast microscopy, polarized light and microphotography. The rugged construction makes the H/I-300 ideal for heavy duty laboratory. For more information write to: WILLIAM J. HACKER & CO., INC., P.O. Box 646, West Caldwell, N.J. 07006.

SHANDON SCIENTIFIC COMPANY, Sewickley, Pa., has introduced a new fraction cutter for column chromatography which can be used either as a drop counter or as a timer. It may be used with any fraction collector operated by the making or breaking of electrical contacts. The Shandon-MBI Fraction Cutter permits collecting of column effluent optically as equal drops with reproducible samples collected from 1 to 9999 drops. A flip of the switch and the function is changed to timing, with time-cut samples from 1 to 9999 min. The detector head of the Shandon-MBI Fraction Cutter is resistant to alkalis and acids, contains no moving parts that might be affected by condensation. The unit may be used in any environment, including cold rooms.

The first quantitative, non-specific detector for gas chromatography, the CRC-1 Reaction Coulometer, has been introduced by MELABS SCIENTIFIC INSTRUMENTS, Palo Alto, California. Coulometer completely eliminates calibration procedures and allows the operator to vary temperature and flow rate without affecting peak area. A versatile instrument, the Reaction Coulometer allows analysis of a wide range of compounds—virtually any compound combustible at 1,000 C over the platinum catalyst in the Coulometer's reactor. For detection of highly oxygenated compounds, the Reaction Coulometer offers higher sensitivity than flame ionization detectors. Key specifications include absolute accuracy better than 0.5%; sensitivity, 10–20 ng; dynamic range, 1:10,000; recorder ranges, 0–1 ma to 0–1024 ma = 0–1 mv; integrator range, 0–1 Amp = 0–1 volt.

(Continued on page 321A)