

Meetings

Years After Ehrlich's Side Chain Theory, 1980, edited by Edward P. Cohen and Heinz Kohler, order #0042, \$45.

New Trends in Nutrition, Lipid Research and Cardiovascular Diseases, 1981, edited by Nicolas G. Bazan, Rodolfo Paoletti and James M. Iacono, order #1604, \$30.

Orders: Alan R. Liss Inc., 150 Fifth Ave., New York, NY 10011.

ISTA Mielke GmbH

OIL WORLD—The Past 25 Years and the Prospects for the Next 25 in the Markets for Oilseed, Oils, Fats and Meals, DM 260, for surface mail; DM 268.60 for airmail. ISTA Mielke GmbH, P.O.B. 90 08 03, 2100 Hamburg 90, West Germany.

Plenum Publishing Company

Cell Membranes, Methods and Reviews, Vol. 1, 1983, edited by Elliot Elson, William Frazier, and Luis Glaser, 194 pp., index, illus., ISBN: 41298-5, \$29.50 (\$34.50 outside US & Canada).

Handbook of Lipid Research, Vol. 3, Sphingolipid Biochemistry, 1983, Julian N. Kanfer, and Sen-itiroh Hakomori, 471 pp., index, illus., ISBN: 41092-3, \$59.50 (\$71.40 outside US & Canada).

Membranes and Transport, Vol. 1, 1982, edited by Anthony N. Martonosi, 724 pp., illus., ISBN: 40853-8, \$75.00 (\$90 outside US & Canada).

Membranes and Transport, Vol. 2, 1982, edited by Anthony N. Martonosi, 716 pp., illus., ISBN: 40854-6, \$75 (\$90 outside US & Canada); two-volume set \$130 (\$156 outside US & Canada).

Principles of Fluorescence Spectroscopy, 1983, Joseph R. Lakowicz, 487 pp., index, illus., ISBN: 41285-3, \$32.50 (\$39 outside US & Canada).

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Traditions

One tradition at AOCs annual meetings is the handing down of a presidential gavel. At the May 1924 banquet in New Orleans, the gavel was donated to AOCs by outgoing president H.B. Battle, who included the following in his comments:

"The aborigines, far earlier than the Indian inhabitants the white people found here, knew the value of oils and fats, and systematically manufactured them into edible products. The first Explorers found them separating oils from native nuts, which early became a recognized product for export...

"Investigators have shown us that native nuts, such as walnuts and hickory nuts and even acorns, were very extensively used in this oil manufacture. Not having a hydraulic press, the natives were perforce obliged to extract the oil in other ways. This they did by boiling the cracked nuts in water and skimming off the oil which came to the top. The badge of office to be transferred to our new president, Mr. Morrison, is in fitting commemoration of these ancient oil crushers. The gavel which I hand to him is a product of these aborigines. The children were taught to crush the nuts, and a hammerstone was used similar to the one upon this gavel, only oftentimes of a larger size. The handle of the gavel is from the wood of a black walnut tree now growing on the ancient site of Taskigi-town, a settlement of the Upper Creek nation within a very few miles of Montgomery, Alabama ...

"Indian chieftains, many of national fame, such as Osceola and Tecumseh, had their origin very close to this exact spot for in fact in earlier days this region was the most populous in native inhabitants in all the broad country. We can but hope that the liquid golden oil which these primal people transmuted from native growth, which supported them in their lives and formed the basis of an important industry, may also continue to increase and multiply in this land of ours, and bring joy, happiness, and prosperity in excess of that of the present or recent years. The aboriginal Americans were our first chemists and oil crushers, and I take pleasure in passing on to our newly elected president, this symbol which reminds us of them, and in fact was a part of their daily life."



Oil Technologists' Association of India

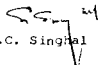
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HEAD OFFICE : H. B. TECHNOLOGICAL INSTITUTE, KANPUR-208002
ZONAL OFFICES : KANPUR @ DELHI @ BOMBAY @ CALCUTTA @ HYDERABAD

Telefax: CHEMWORKS
Dial 150126
Telephone: Dial 150122
Fax: 150122
Telex: 051-346

S. C. SINGHAL
PRESIDENT

C/o Shri Ram Foods & Fertilizer Industries,
Shreeji Marg, New Delhi-110016

The Oil Technologists' Association of India greatly prizes its friendly association with the American Oil Chemists Society which will celebrate its platinum jubilee in 1984. The AOCs has been the model for bodies of scientists and technologists all over the world. The OPAI is happy to acknowledge it. The OPAI has been associated with the AOCs in organization of several conferences and symposia in the past. It looks forward to continued fruitful association in the future.


 S.C. Singhal

Meetings



Two crossed Kjeldahl flasks placed under a Soxhlet (fat) extraction flask have been the AOCs "logo" since 1921.

Who designed this symbol? David Wesson.

The symbol first appeared on the cover of the program for AOCs' 12th annual convention held May 16-17, 1921, in Chicago.

F.B. Porter, in his president's address at that meeting, said, "Dr. Wesson, with the help of others, has supplied us with the design for our stationery, a copy of which you will find on the cover of our program."

The design also adorned the cover of the Cooperative Analytical Program guidebook of the society for the 1921-1922 season.

Long-necked round-bottomed Kjeldahl flasks were used by early analysts in estimating the protein in meal.

According to the "Chemists' Section" of the February 1918 *Cotton Oil Press*, "The chemist has devised a method

for indirectly determining the nitrogen or protein, which is accurate, comparatively simple and decidedly easier of manipulation. By a suitable 'digestion,' he breaks down the protein molecule, causes its nitrogen to combine with hydrogen in such a way as to form 'ammonia,' and absorbs the ammonia in the sulphuric acid, which is used in the digestion. Then by a further treatment he decomposes the ammonium sulfate, distills the ammonia in the presence of steam, condenses it, and absorbs it in a standard acid solution in which its amount is accurately determined by 'titration.' Therefore the substance which he actually 'measures' or determines is ammonia....the chemist has his table of equivalents by means of which he can convert the ammonia into terms of nitrogen or protein."

In 1983, John Kjeldahl's method of determining protein by converting nitrogen to ammonia was first published. Although the original method has been modified, the procedure still is used by laboratories worldwide.

The Soxhlet flask, named after Franz von Soxhlet, was designed for use in extracting fatty or other material with a volatile solvent. It was—and still is—used in determining the fat content of samples as part of a Butt-type extraction apparatus. It is more commonly known as a fat-extraction flask.

NATIONAL INSTITUTE OF OILSEED PRODUCTS

111 SUTTER STREET
SAN FRANCISCO CALIFORNIA 94104

January 30, 1984

American Oil Chemists' Society
508 South Sixth St.
Champaign, IL 61820

Attn: Thomas H. Smouse, President

Gentlemen:

The Board of Directors in behalf of the members of this Institute congratulate American Oil Chemists' Society on the occasion of its 75th anniversary in 1984.

We have appreciated the work of your Society over the years in its programs to assure high standards on the part of chemists in the edible oils trade. Our members have greatly benefited from your technical programs and establishment of standard methodology. We wish you continued success in your endeavors.

Very truly yours,
NATIONAL INSTITUTE
OF OILSEED PRODUCTS

Robert L. Moon
Robert L. Moon
Executive Secretary

RLM/jh



National Sunflower Association

PHONE: 701-224-5019 P.O. BOX 2533, BISMARCK, NORTH DAKOTA 58502-2533
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CONGRATULATIONS AOCs

Congratulations AOCs on your 75 years of successful service to the fats and oils industry in the United States.

Sunflower oil was not a major part of that industry during your first 70 years. Since then you have helped it become a visible and significant oilseed in the U.S. through special convention sessions and excellent Journal coverage.

We thank you for your support and wish AOCs a successful future.

Sincerely,

Larry Kleingartner
LARRY KLEINGARTNER
Executive Director