

# ASSOCIATIONS FORUM

## 5 Symposia on Food at AAAS Chemistry Meeting

Five symposia on food have been arranged for the meeting of the chemistry section of the American Association for the Advancement of Science. The meeting is to take place in Boston from Dec. 27 to 30. The chemistry symposia are: Comparative Nutrition requirements of Animal Species; Chemicals in Food; Recent Advances in Food Technology; Growth and Nutrition of Plants; and Chemistry of the Sea as Related to Food Problems.

In addition to the program of the chemistry section, other symposia on the general subject of food have been arranged. These are the AAAS General Symposia on Species Which Feed Mankind and The Sea Frontier.

The annual Chemists' Dinner will be held on Tuesday evening in the Hotel Statler. Randolph T. Major, vice president and scientific director of Merck & Co., Inc., will give the vice presidential address of the chemistry section. The title of his address is "Of Food, Feed, and Drugs." Tickets are \$4.25.

The annual Alpha Chi Sigma luncheon is scheduled for Tuesday at the Hotel Sheraton Plaza. Cost is \$3.00.

Programs of the symposia on food are given below.

### Monday Morning and Afternoon

#### *Symposium on Comparative Nutrition Requirements of Animal Species*

Robert S. Harris, *presiding*

JEAN MAYER. Calorie Requirements.  
RICHARD J. BLOCK. Protein Requirements.

D. M. HEGSTED. Calcium Requirements.

HENRY SHERMAN. Iron Requirements.  
SAUL H. RUBIN. Vitamin A Requirements.

CHARLES G. KING. Ascorbic Acid Requirements.

P. F. FENTON. Thiamine and Riboflavin Requirements.

W. A. KREHL. Niacin and Pantothenic Acid Requirements.

### Tuesday Morning

#### *Symposium on Chemicals in Food*

Charles N. Frey, *presiding*

CHARLES G. KING. Use of Chemicals in Food Processing in Relation to the Nutritive Value of Food.

R. R. WILLIAMS. Purity and Adequacy in Foods.

FRED BARTENSTEIN. The Role of Law in Food Safety.

GEORGE L. MCNEW. The Depletion of Spray Deposits on Crops Before Harvest.

PERRY J. CULVER. The Medical Testing of Chemicals that Are Proposed for Use in the Processing of Foodstuffs.

MARY I. BARBER. How Science Aids the Modern Homemaker.

GEORGE F. GARNATZ. The Food Industries and Our Food Supply.

### Tuesday Afternoon

#### *Symposium on Recent Advances in Food Technology*

Bernard E. Proctor, *presiding*

SHERMAN LEONARD and B. S. LUH. Relationship of Raw Materials Selection in Handling to the Quality of Processed Fruits.

WILLIAM B. ESSELEN. Thermal Destruction of Microorganisms and Enzymes in Food Processing.

J. HOLSTON and S. R. POTTINGER. Some Factors Affecting the Sodium Chloride Content of Haddock During Brine Freezing and Water Thawing.

SAMUEL A. GOLDBLITH, BERNARD E. PROCTOR, SOL DAVISON, E. M. OBERLE, C. J. BATES, B. KAN, and J. C. PETIT. Chemical Factors Affecting Radiation Sensitivity of Microorganisms in Food Sterilization.

### Wednesday Morning

#### *Symposium on Growth and Nutrition of Plants*

P. W. Zimmerman, *presiding*

REI ROBBINS. Chelating Materials and Their Relation to Plant Nutrition.

STEPHEN J. TOTH. Present Status of Soil Conditioners. Discussion Leader: G. G. STONER.

DAMON BOYNTON. Foliar Nutrition of Plants. Discussion Leader: RICHARD BRADFIELD.

ARTHUR C. FOSTER. The Accumulation and Persistence of the New Organic Sprays on Plants and in Soils and Their Effects on Plant Growth. Discussion Leader: L. G. COX.

### Wednesday Morning

#### *Symposium on Chemistry of the Sea as Related to Food Problems*

Harden F. Taylor, *presiding*

DANIEL MERRIMAN and GORDON RILEY. The Food Potential of the Sea.

HAROLD J. HUMM and HELEN BOER. The Possibilities of Transplantation.

HARDEN F. TAYLOR. The Determinants of Food Production of the Sea.

## First National Weed Control Conference in December

The first National Weed Control Conference is scheduled for Kansas City on Dec. 8, 9, and 10. Industry representatives, research scientists, extension workers, and regulatory officials are invited to attend.

The meeting has been planned through the efforts of the four regional weed control conferences through their joint group, the Association of Regional Weed Control Conferences. President of the national conference is E. P. Sylwester, extension botanist at Iowa State College. C. E. Minarik of Camp Detrick, Md., is vice president and Warren D. Shaw of USDA is secretary.

It is hoped that the national conference will become an annual affair and provide the beginnings of a national society.

## Fertilizer Application Meeting At Chicago

Advances in fertilizer and fertilizer application will be the theme of a joint meeting of the power and machinery division of the American Society of Agricultural Engineers and the National Joint Committee on Fertilizer Application at the Edgewater Beach Hotel, Chicago, on Dec. 7.

The morning session will be devoted to papers on new fertilizer materials and the present and future prospects for fertilizer application. The afternoon session will be devoted to a panel discussion on "Placing Fertilizer for Efficient Production."

## CALENDAR

**Mid-Century Conference on Resources for the Future.** Shoreham Hotel, Washington, D. C. Dec. 2-4.

**Ohio Pesticide Institute.** Seneca Hotel, Columbus, Ohio. Dec. 3 and 4.

**Chemical Specialties Manufacturers Association.** 40th Annual Meeting. Mayflower Hotel, Washington, D. C. Dec. 7-8.

**Entomological Society of America.** Annual Meeting. Hotel Biltmore, Los Angeles, Calif. Dec. 7-10.

**American Association for the Advancement of Science.** Annual Meeting. Boston, Mass. Dec. 27-30.

**Northeastern Weed Control Conference.** New Yorker Hotel, New York, N. Y. Jan. 5-7, 1954.