

President's Midyear Report

American Oil Chemists Society Meeting

By H. P. TREVITHICK, President

SINCE the meeting in May at which I had the honor of being elected President, there have been several events which are of considerable importance to the Society. The most important has been the establishment of a Research Associate at the Bureau of Standards.

Color Glass Standardization

In 1912 Dr. Smalley of the Southern Cotton Oil Company and Dr. Priest of the Bureau of Standards started cooperative work with the idea of eliminating the differences in reading colors. Since then possibly \$50,000 has been spent in developing various instruments for the reading of colors, one of which in particular is the Color Analyzer which is being sold by Keuffel & Esser. This instrument, while a beautiful piece of scientific apparatus, expresses colors with a group of figures rather than one figure. In Cotton oil particularly and also in the several other Vegetable oils, premiums are paid or claims are made on the basis of the red content of the oil, and so far there has been no instrument developed which has replaced the Lovibond system satisfactorily by giving its readings in one unit. We have therefore standardized the instrument to be used for the Lovibond glasses and have endeavored to purchase glasses which also would be standard, but the Lovibond glasses can not be purchased in standard sets, nor are the glasses uniformly and correctly labelled.

Although for the last two or three years, the Bureau of Stand-

ards under Dr. Priest has been developing actual standards for the Lovibond glasses, heretofore there has been no actual scientific value for these glasses. This work is finished and now the Bureau has available the apparatus for check-



H. P. Trevithick

ing our glasses, but it does not have the personnel. No appropriation would be available until after July 1st, 1928, and in order that there may be no further delay, the Governing Board has engaged Miss Walker as research associate at the Bureau to investigate "The Uniformity of the Lovibond Glasses in Use at the Present Time." To do this work it will of course be necessary for her to grade all the glasses submitted. At present she is developing a method of compar-

ing the glasses rapidly and will soon be able to start actual work on the glasses.

Mr. A. W. Putland, Chief Chemist of the Portsmouth Cotton Oil Refining Corporation, is the representative of the Society in charge of this work and will receive all the glasses which are to be submitted to Miss Walker. She will report to him the actual values determined in her research and the Society will then issue A.O.C.S. certificates for the value of each glass. The cost of this work to the members will be \$1.50 per glass.

Fall Meeting

Another development has been the arrangement for this fall meeting in New York. The Constitution and By-Laws provide that the Annual Meeting shall be held in the Spring of the year with the election of officers and the transaction of any other business brought before the meeting. They also provide that between the Annual meetings, the Governing Board of the Society has full power to act. This Meeting here today is not provided for by the Constitution and By-Laws, and is more of a get-together for the members of the Northern Section of the Society who are not able to spare the time to attend the annual meetings. It does not seem proper that this meeting should transact any business, but any recommendations or ideas developed can be presented to the Governing Board for action immediately if necessary or can be submitted to the Annual Meeting of the Society next Spring.

Committee Organization

There has also been considerable work reorganizing the Committees and organizing new ones. Due to press of business, Mr. Hoyt of the Larkin Company was compelled to

resign as Chairman of the Detergent Committee and some of the members felt that it was not possible to carry the work through to a successful conclusion. They therefore felt that the matter should be discussed by the Committee before re-organization. The consensus of the replies from the members to this suggestion was that while it was doubtful that successful results could be obtained, it was necessary to carry the work through to a conclusion even if it took several years. I believe that every member of the Committee answered the inquiry on this subject. Mr. Guernsey of the Cowles-Detergent Co. accepted the Chairmanship and Mr. Howell of the same Company the Vice-Chairmanship of this Committee, the idea being that it was better to have two men in charge because of the large amount of work entailed in the Chairmanship.

There has also been a new Committee organized to work on Olive Oil under the Chairmanship of Dr. L. M. Roeg of Worcester, Mass., and also one on Corn Oil under the Chairmanship of Mr. M. M. Durkee of A. E. Staley Mfg. Co. There is also a new Ammonia Committee under Mr. R. M. Chapman to develop the presence of added Ammonia Salts in Fertilizers such as, Cotton Meal, and there is being formed a Committee on Linseed Oil under the Chairmanship of Mr. B. H. Thurman of the American Linseed Co.

The Committees are as follows: Smalley Foundation, H. C. Moore, Chairman.

Committee to Investigate Dubosq Colorimeter, David Wesson, Chairman.

Analysis of Commercial Oils & Fats, W. D. Richardson, Chairman.

Moisture Committee, W. H. Irwin, Chairman.
 Cake Color Committee, R. S. Richardson, Chairman.
 Referee Board, H. J. Morrison, Chairman.
 Committee for Prize Awards for Journal, David Wesson, Chairman.
 Basic Research Committee, E. R. Barrow, Chairman.
 Ammonia Committee, R. M. Chapman, Chairman.
 Linseed Oil Committee, B. H. Thurman, Chairman.
 Olive Oil Committee, L. M. Roeg, Chairman.
 Uniform Methods Committee, N. C. Hamner, Chairman.
 Detergents Committee, F. H. Guernsey, Chairman.
 Effect of Crude Mill Operations on Oil, Andrew K. Schwartz, Chairman.
 Membership Committee, A. W. Putland, Chairman.
 Refining Committee, C. B. Cluff, Gen. Chairman.
 Sub-Committee A—Neutral Oil Committee, Claude E. McLean, Chairman.
 Sub-Committee B—Color Methods, J. D. Evans, Chairman.
 Sub-Committee C—Corn Oil Refining, M. M. Durkee, Chairman.
 Planning Committee, H. J. Morrison, Chairman.
 Revision Committee, C. B. Cluff, Chairman.

Any Members who are interested in the work of any of these Committees are urged to give their names in to the President for appointment on these Committees.

The Smalley Foundation under Mr. H. C. Moore has been having the samples prepared and distributed by Mr. Ray Montsalvatage of Savannah. Due to the fact that Mr. Montsalvatage has gone into other lines of work, it was necessary that he discontinue the preparation of these samples. With considerable reluctance, Mr. Thomas C. Law has consented to prepare them. The preparation of these samples entails considerable work and the Society owes Mr. Law a vote of thanks for consenting to undertake it.

The Planning Committee has also been reorganized this year with Mr. Morrison as Chairman, with two purposes in view—first, that the Chairman would keep a record of the work of all Committees so that in case questions arise at future times, they can be referred back to the work that was done on that same question previously; second, the personnel has been chosen to represent the different classes of membership in the Society. Thus—Mr. Morrison represents Soaps, Mr. Aspegren Cotton Oil, Mr. Thurman Linseed Oil, Mr. Vollertsen the Packing House Industry and Professor Gill Miscellaneous Oils.

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100 parts wheat starch
 6 " gum tragacanth
 20 " tallow (A.O.C.S.)
 20 " Mineral Oil (A.O.C.S.)
 30 " lampblack (A.O.C.S.)
 824 " water

Starch	56.82%
Gum Tragacanth	3.41
Tallow	11.36
Mineral Oil	11.36
Lampblack	17.04

	99.99

After drying, the composition of the soil is:

This cloth may be washed white by five commercial washings. It

is mechanically prepared, and the personal equation is largely eliminated. No measurement of residual soil is necessary.

Samples of this cloth have been sent to the various collaborators and their comment and opinion requested. A further adjustment of the soil composition may be advisable to better meet laboratory washing conditions, but this may easily be accomplished.

The Chairmen undertook this work single-handed, as a means of speeding up progress on what is considered the most troublesome

problem. From a considerable number of practical tests in commercial laundries, it is their opinion that the ideas incorporated in this cloth yield a standard closely approaching the ideal. Volunteers have been called for to work out a new machine for laboratory washing. If this phase of the work does not yield tangible progress within a reasonable period an effort will be made to arrange parallel washing tests in commercial "pony" washers.

F. H. Guernsey, *Chairman.*
L. T. Howells, *Vice-Chairman.*

Quinn Elected Head of Salesmen's Association

At the recent annual election of officers of the Salesmen's Associa-



Robert J. Quinn
President Salesmen's Association
American Chemical Industry

tion of the American Chemical Industry, Mr. Robert J. Quinn, Assistant Manager of Sales of Mathieson Alkali Works, New York, was elected President of the Association for 1927-1928.

Mr. Quinn was born in Chicago, graduated from the University of Illinois (B.S. in Chemical Engineering) in the class of 1912 and before joining the Mathieson organization in 1920 as Chicago District Sales Manager, was Chief Chemist and Superintendent of the Ammonia Department for Morris and Company, the Chicago Packers, and consulting chemist for the Midland Chemical Co. of Argo, Ill. Since 1923 he has been assistant manager of all sales for the Mathieson company, with headquarters at the main office in New York.

Mr. Quinn is one of the best known and most popular of the younger men in the chemical manufacturing business, and has many friends in the oil and soap industries. The Salesmen's Association is to be congratulated on its choice of a President for the coming year, for the organization is certain to make substantial progress under Mr. Quinn's leadership.