

# OIL & FAT INDUSTRIES

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## Progress Keynote of New Orleans Convention

THE Nineteenth Annual Convention of the American Oil Chemists' Society was held at New Orleans, May 14th and 15th, 1928, and was the largest and the best convention ever held. All the meetings were well attended, keen attention was given to all committee reports, and many progressive steps were taken.

Among the most important of these was the action taken in regard to referee chemists. Heretofore, the payment of dues in the Interstate Cottonseed Crushers' Association was a prerequisite, and entailed the moral responsibility of implying that anyone given a referee certificate was *ipso facto* a referee chemist of the Interstate Cottonseed Crushers' Association. This was confusing and embarrassing to both Associations, so this year the Society eliminated this requirement and decided to raise the standards by granting a Full Referee Certificate covering all products handled by our methods to all future applicants, but requiring a four year college course in chemistry and three years' practical experience in addition.

Another very important step

was the adoption of the moisture oven. Ever since the Society was organized in 1909, the question of moisture determinations has been unsettled. Ten years ago Dr. Smalley came to the conclusion that the adoption of some oven, with a standardized procedure, was most satisfactory. Since then the Swift Laboratories under the able leadership of Dr. W. D. Richardson, and W. H. Irwin have perfected a glycerine oven, and have obtained a manufacturer for it at a reasonable figure (\$150.00) either in copper or monel metal. The Society adopted this oven as official with the temperature of 102° C and the time of three hours as standard.

### Revision Committee

The Revision Committee under the able leadership of Mr. Cluff has completed the work of revising the methods by eliminating all references to rules of the Interstate Cottonseed Crushers' Association, etc., and by having them in shape to print. These will be issued later as a separate pamphlet at a reasonable price.

The Society also took another

very important step forward by arranging to cooperate with the Interstate Cottonseed Crushers' Association in research work. When committees are formed to handle such work, the work has to be done in spare time, and such time is necessarily limited. Two years ago, Procter & Gamble very generously furnished Mr. Cluff with a man for six months, and the results obtained by him were invaluable in putting our refining procedure on a definite basis. It is the idea of the Society and the Interstate Association, that if a man is put on problems he can work out the fundamental facts underlying them. Then this data can be transmitted to the proper committee for modifications, and transmitted to the Society.

### Membership Grows

The report of the Membership Committee was very encouraging, showing a healthy growth for the first time in many years.

The paper of Dr. E. P. Clark was very interesting, showing Dr. Clark's grasp of the fundamental problem of gossypol, and his very careful and accurate work in solving the problem. The question of the real character and formula of gossypol is a very complex one and will require considerable time to fully answer, and Dr. Clark's rapid progress is very commendable.

The Corn Oil Committee gave a very comprehensive report of the work done under its able Chairman, Mr. Durkee, that illustrates the fact that the Society is no longer strictly a cottonseed products chemists' society.

The report of the committees on the effect of crude mill operations on the crude oil produced was exceptionally interesting, and shows

the results of much work on the part of Mr. Schwartz and Mr. Ganucheau.

The paper of one of our past Presidents, Mr. G. G. Fox, on the refiners' problems with oil purchases was very instructive, and was well received.

Dr. Jamieson discussed Avocado Oil in a very interesting manner.

Dr. H. B. Battle discussed the Smalley Foundation in his very interesting paper "The Smalley Foundation: what it is supposed to do: what it has done," giving a very able history of the check meal work, and then announced the winners as follows:—

*Ammonia Certificates* — First Place. Southwestern Laboratories, Dallas, Texas. George K. Redding, Rossford, Ohio. Average 99.979%

Second Place. W. R. Austin, Nashville, Tenn. Average 99.965%

*Oil Certificates*—First Place. E. H. Tenent, Memphis, Tenn. Average 99.92%

Second Place. L. B. Forbes Laboratories, Memphis, Tenn. Average 99.895%

*Oil and Ammonia Average*—First Place and winner of the Cup. E. H. Tenent, Memphis, Tenn. Average 99.934%

Second Place. L. B. Forbes Laboratories, Memphis, Tenn. Average 99.919%

### Color Reading Tests

Mr. Priest and his two associates, Dr. Judd and Miss Walker, with the assistance of the members, notably Miss Norris, Mr. Helm, Mr. Williams, Mr. Harriman, Mr. Ganucheau, and Dr. Battle, tested some fifty of our members for their ability to read colors, and their sensibility to slight changes in red when added to 35 yellow 7.6 red in the Martin's photometer

under the standard conditions.

Mr. Priest also reported to the Society on the Cooperative Investigation of Lovibond glasses by the Bureau of Standards and The American Oil Chemists' Society, and Miss Walker described the actual details of calibrating Lovibond glasses.

Dr. Wesson discussed the prize awards and announced that all papers submitted before April 1st would be considered whether printed heretofore or not, and announced the appointment of three judges to consider the papers, namely Dr. Charles Herty, Dr. C. A. Browne and Dr. Allen Rogers.

The President of the Society, Mr. H. P. Trevithick, presided over the deliberations of the convention, and appointed an Auditing Committee, a committee on the President's address, a special committee of one, Dr. Wesson, on the death of our old friend and associate, Mr. Robert Hulme, of Los Angeles, and a Nominating Committee.

#### President Thanked

The Auditing Committee, Charles Cox, Chairman, reported on the conditions of the books of the Secretary-Treasurer, Mr. Helm, and complimented the Society on his careful handling of its affairs.

The Resolutions Committee, Dr. Battle, Chairman, brought in a very careful report which was adopted in toto.

The committee on the President's address, Mr. Porter, Chairman, reported on the vote and included a vote of thanks by the Society to the President, Mr. H. P. Trevithick, for his capable work in guiding the Society during the year.

The Uniform Methods Commit-

tee, Mr. Hammer, Chairman, considered all committee reports with appropriate action, including the recommendation that the FAC Committee consider the Olive and Linseed Oil reports as being under their special jurisdiction.

Mr. David Wesson offered a very fitting set of resolutions on the death of Robert Hulme.

The Nominating Committee, Mr. J. J. Vollertsen, Chairman, reported the following nominations.

A. W. Putland, President

W. R. Stryker, 1st Vice-President

C. K. Witmer, 2nd Vice-President

W. H. Irwin, 3rd Vice-President

The Governing Board had already nominated J. C. P. Helm to succeed himself, and as there were no further nominations from the floor, these men were accordingly elected.

#### Banquet Closes Meeting

The culminating feature of the convention was the banquet at the Chess, Checkers and Whist Club, ably engineered by Mr. Williams and his local committee, and presided over in his usual witty fashion by Dr. David Wesson. During the banquet, attended by 125 or more, there were musical entertainments, and also short talks by Messrs. J. J. Vollertsen, W. H. Irwin, C. B. Cluff, and Dr. Felix Paquin. The President, H. P. Trevithick, then presented the certificates to the Smalley Foundation winners, and the Battle Cup of the Smalley Foundation to Mr. E. H. Tenent of Memphis, who had the remarkable average of 99.93%. He then presented the Battle gavel to our new President, Mr. A. W. Putland, who accepted it with a few well-chosen words.