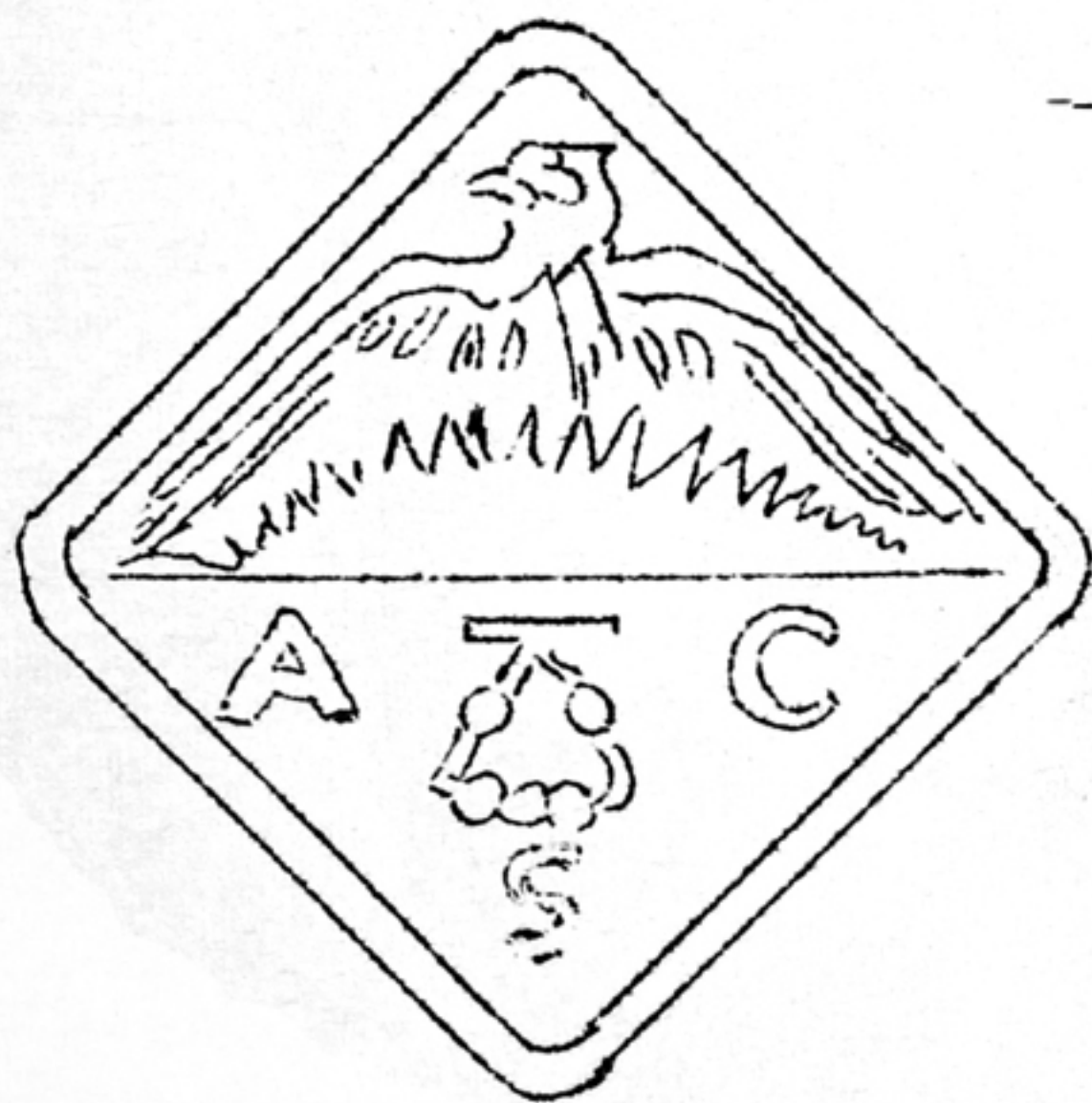

THE • PUGET • SOUND • CHEMIST

BULLETIN OF THE PUGET SOUND SECTION
OF THE AMERICAN CHEMICAL SOCIETY



THE PUGET SOUND CHEMIST

Published 13 times a year by the Puget Sound Section,
The American Chemical Society

Editor: F. R. Armbruster, Textile Tower, Seattle MA. 3750

Assoc. Editor: Otto Orth, 2919 - 1st Ave., S., Seattle MA. 4090

Vol. VII.

March, 1946

No. 7

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FUTURE MEETINGS



APRIL MEETING

April 16

Dr. Albert L. Elder, Director of Research, Corn Products Refining Company, Head Chemical Advisor to the War Production Board, Coordinator of the Penicillin Program, will address the Section on the subject:

"Chemicals from Agricultural Products"

MAY MEETING

May 21

Speaker and subject to be announced later.

JUNE MEETING

June 18

Waldo Semon, Research Chemist, B. F. Goodrich Co., Akron, Ohio, will address the Section on:

"Synthetic Rubbers"

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MARCH MEETING



Puget Sound Section of The American Chemical Society

Tuesday, March 19, 1946

6:30 P. M. Dinner

CHALET

15th Ave., N.E. & E. 42nd St.

8:00 P. M. Address

BAGLEY HALL - Room 140

Speaker: Harry Kline, Manager and Technical Director,
Phenolic Plastics Division, Reichhold Chem-
icals, Inc., Detroit, Mich.

Subject: "Development of Laminates"

9:00 P. M. Movie --

Title: "The Formica Story"

Technicolor, 16 mm. Sound, 45 Minutes

Reservations

Telephone your reservations for dinner to:

Don Redfern - MA. 3536

or

Mrs. Curtiss - ME. 0630, Local 439
Not later than 5:00 P.M., Monday, March 18

March Speaker



Harry Kline, who will discuss the development of laminates before the local Section on Tuesday night, March 19, was graduated from the Case School of Applied Science, Cleveland, Ohio, with the degree of B.S. in Chemical Engineering in 1922. In 1925, Mr. Kline received the advanced degree of Ch.E. in recognition of work performed on improvements in synthetic phenol production.

He was employed from 1924 to January, 1943, by Bakelite Corporation, where he specialized in phenolic synthetic resins and varnishes for laminates, molding compounds, etc., and pioneered in the field of low-pressure laminates.

Mr. Kline has a number of patents on low-pressure laminating and improved laminating varnishes, and he is the author of a number of articles on phenolic resins, plywood resins, laminates, etc. Since 1943 he has been with Reichhold Chemicals, Inc., Detroit, Mich., as Manager and Technical Director of the Phenolic Plastics Division.

The American Chemical Society has had Mr. Kline as a member since 1924. He is also Fellow of American Institute of Chemists, member of American Society of Testing Materials, and a pioneer of S.P.I.

In addressing the Section next Tuesday evening on Development of Laminates, Mr. Kline will outline to some extent the early history of the laminating industry, followed by a short description of the laminating process, including impregnating equipment and presses. Mr. Kline will discuss the requirements of resins for impregnation and laminations, raw materials for resins, fillers for laminates, paper plywood combinations, as well as molded and post-forming laminates.

March Movie

"The Formica Story"

The Formica Insulation Company

45 minutes, 16 mm. Sound, Technicolor

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The picture opens with scenes depicting the resistance of this plastic material to various difficult conditions--heat, cold, moisture, high frequency currents, corrosion, etc.

Then the story proceeds through the factory showing the methods by which the material is manufactured and close control methods used in production: the impregnation of paper, cotton, asbestos, glues and wood with thermosetting resins, and the curing of these laminations into homogeneous sheets, tubes, rods, and molded forms.

Methods of working and machining the material are demonstrated. And, finally, some of the end products are shown: airplane parts, electrical insulation, and plastic surfacing materials, such as table tops, wall coverings, and architectural surfaces.

The film is very effective in depicting what makes up a laminated plastic, and where and how it can be used.

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Dr. Benson Enjoys Trip to New York in February

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Dr. H. K. Benson, Head of the Department of Chemistry at the University of Washington, left Seattle February 21 for New York City, returning March 4.

While in New York City Dr. Benson attended the Chemical Engineering Award Dinner on February 26 at the Waldorf Astoria; The National TAPPI Convention at the Commodore Hotel February 25 to 28; and the National Chemical Exposition.

For twelve years Dr. Benson has been a member of the Award Committee for Chemical Engineering Achievement, and this was his first opportunity to be present at an Award Dinner. This was the occasion of the Seventh Bi-annual Award, and recipient was the Atomic Bomb Project.

Dr. Benson is a member of TAPPI Chemical Methods Committee, and at the National Convention he reported on the Colorimetric Test for Determination of Waste Sulfite Liquor in Sea Water. This method is now being considered for adoption by TAPPI as a standard.

All-in-all, Dr. Benson had a very busy and enjoyable time. He not only attended three of the most important national chemical events, but also found time for pleasant visits with old friends in the chemical profession.

Vice-Chairman in the News

Herb Erickson, our local Section Vice-Chairman, invaded the public prints recently. We were all pleasantly surprised to see Herb's picture in the February 28 issue of the Seattle Times. The accompanying article described the plastic cast which Dr. Anderson and Herb developed during the last five years.

This lightweight ventilated plastic cast, which The Tower Company markets under the trade name of "Aire-lite", is a stockinette of loosely-knitted yarn composed of cellulose acetate and glass fibre. A typical Aire-lite cast for a broken fore-arm weighs only five ounces.

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Dr. E. V. White's Paper in February J. A. C. S.

Congratulations to Dr. E. V. White of the School of Forestry, University of Idaho, on the publication in the Journal of the American Chemical Society February issue of his paper entitled: "The Constitution of Mesquite Gun".

Dr. White's paper was presented last November at the Pacific Northwest Regional Meeting of the A. C. S. at the University of Washington campus.

Your 1946 Chairman

T. S. Hodgins, your local Section chairman for 1946, was born in Owasso in Shiawassee County, Mich., in 1913. {Editor's note: We have checked the record for mention of a log cabin, but to no avail.}

Ted was graduated from the University of Michigan with the degree of B.S. in Chemical Engineering in 1945. For the next two years he was with Du Pont, first in the Ammonia Division, and later as Research Chemist in the Fabric Finishing Department.

In 1937 he joined Reichhold as Research Chemist in Troit, and in 1942 came to Seattle as Pacific Northwest Manager for Reichhold Chemicals, Inc.

Chemical Engineering Society of Wn. Met on March 12

The C.E.S.W. (American Institute of Chemical Engineers) met Tuesday, March 12, for dinner at 6:30 P.M. at the Meany Hotel. At 7:45 P.M., Dr. E.C.Locke of the Pacific Northwest Forest and Range Experiment Station discussed the Wood Hydrolysis Plant at Eugene, Ore.

Waldo Semon to Receive U.of W. Alumnus Award

The University of Washington Alumnus Association Award for the most distinguished Alumnus will go to Waldo Semon this year. Mr. Semon, a graduate of the class of 1920 with the degree of B.S. in Chemical Engineering, is Research Chemist with B. F. Goodrich, and will address the Puget Sound Section in June.

\$ 10.50

DR V SIVERTZ
COLLEGE OF PHARMACY U OF W
SEATTLE 5 WASH

