REPORT OF THE PRESIDENT

OF THE UNIVERSITY OF BRITISH COLUMBIA

FOR THE ACADEMIC YEAR ENDING

AUGUST 31st, 1933.
PUBLICATIONS

FACULTY OF ARTS AND SCIENCE.

DEPARTMENT OF BACTERIOLOGY:

Miss Helen M. Mathews:

"Study of Certain Marine Bacteria."
Contributions to Canadian Biology and Fisheries. (In Press).

Dr. D.C.B. Duff and B.J. Stewart:

"Studies on Furunculosis of Fish in British Columbia."
Contributions to Canadian Biology and Fisheries, VIII, No. 8 - (Series A. General, No. 35.)

Mr. Jacob Biely and Dr. V.S. Asmundson:

"Fish Meal Supplements for Chicks, Part I."
Scientific Agriculture, XIII (4) 1932, pp. 236-248.

"Fish Meal Supplements for Chicks, Part II."

Mr. Jacob Biely and Mr. William Roach:

"Comparison of Repeated Rapid Whole-blood, Rapid Serum and Tube Agglutination Tests."
Journal Comp. Path. and Therap. XLV. (3) 1932, pp. 224-229.

Mr. Jacob Biely, Mr. E.A. Lloyd and Mr. William Roach:

"Pullorum Disease."
Mimeographed Bulletin
Department of Agriculture, Victoria, B.C., 1933.

Mr. Jacob Biely and Miss Elvira Palmer:

"The Aetiology of Fowl Paralysis." (A Review of Literature)
Vet. Record, XLIV. (2312) 1932, pp. 1302-1309.

Mr. Jacob Biely, Miss Elvira Palmer and Mr. I. Michael Lerner:

"Fowl Paralysis (Neurolymphomatosis gallinarum) in Chicks under Three Months of Age."

Reported under Faculty of Agriculture-Department of Poultry Husbandry.
Department of Bacteriology continued:

Mr. Jacob Biely, Miss Elvira Palmer, Mr. I. Michael Lerner and Dr. V. S. Asmundson:

"Inheritance of Resistance to Fowl Paralysis (Neurolymphomatosis gallinarum)," Science, 78, 1933, p. 42.

Mr. Jacob Biely and Miss Elvira Palmer:

"The Antirachitic Value of Pilchard Oil (Sardine Oil) for Growing Chicks."
Scientific Agriculture, 14 (2) 1933.

Mr. Jacob Biely and Mr. William Roach:

"Further Studies on the Comparative Value of the Rapid Whole Blood (Stained Antigen) Agglutination Test and the Serum Agglutination Test for Pullorum Disease." In Press.

Mr. Jacob Biely, Miss Elvira Palmer and Mr. E. A. Lloyd:

"Fowl Paralysis (Neurolymphomatosis gallinarum)"
Fifth World's Poultry Congress, Rome, Italy, 1933.

DEPARTMENT OF BOTANY:

Dr. A. H. Hutchinson and Miss M. R. Ashton:

"The Effect of Radiant Energy on Diastase Activity."
Canadian Journal of Research, 9, 49-64, 1933.

Dr. A. H. Hutchinson:

"Longevity and Periodicity of Growth in Trees."
Proceedings of the Fifth Pacific Science Congress, 1933.

Mr. John Davidson:

"Poisonous Plants of British Columbia."
The Western Pharmaceutical Review, June, 1933.

"Medicinal Plants of British Columbia."
The Western Pharmaceutical Review, July, 1933.

Reported under Faculty of Agriculture-Department of Poultry Husbandry.
Dr. A. H. Hutchinson and Mr. John Davidson:

"Guides for the Pacific Science Congress - 1933"
Botany of Vancouver Island - Botany of Vancouver District - Botany of Southern British Columbia.

DEPARTMENT OF CHEMISTRY:

Dr. J. ... Harris and Dr. William Ure:

"Experimental Chemistry for Colleges." - (Book)

Dr. W. F. Scyer and Mr. E. G. King:

"Systems of Sulphur Dioxide and Hydrogen Derivatives of Benzene"

Dr. William Ure and Mr. F. ... DeLisle:

"The Equilibrium between Ammonium Thiocyanate and Thiourea in Solution."
Trans. Royal Society Canada, Sec. III, 33.

Dr. William Ure and Mr. John T. Young:

"On the Mechanism of Gaseous Reactions - Homogeneous Catalysis in the Decomposition of Methyl Ethyl Ether."

Dr. R. H. Clark and Mr. Alan Bolll:

"A Systematic Study of the Preparation of Acidyl Halides from the Corresponding Acids."
Trans. Royal Society, Sec. III, 1933.

Dr. W. F. Scyer:

"The Conversion of Fatty and Waxy Substances into Petroleum Hydrocarbons."
Fifth Pacific Science Congress, June, 1933.
DEPARTMENT OF ENGLISH:

Mr. Thorleif Larsen:

"A Bibliography of the Writings of George Peele."
Modern Philology, 1933.

Dr. W. L. MacDonald:

"John Dryden" (1631-1700). The Bookman (American) 1933.
"The Augustan Mobility." The University of Toronto Quarterly (1931).

Dr. G.G. Sedgewick:

"Of Disillusionment in Freshmen." Queen's Quarterly, 1933.

DEPARTMENT OF GEOLOGY AND GEOGRAPHY:

Dr. R.W. Brock: (In conjunction with Dr. S. J. Schofield and Dr. M. Y. Williams.)


Dr. S. J. Schofield: (In conjunction with Dr. R.W. Brock and Dr. M. Y. Williams.)

"The Geology of British Columbia."

Dr. M. Y. Williams:

"Geological History of the Southwestern Plains of Canada."

"Distribution of Life around the Pacific."
Read before Pacific Science Congress at Vancouver, June, 1933, and to be published in Transactions.

"Biological Notes covering parts of the Peace, Liard and Great Bear River Basins."
Department of Geology and Geography continued:

Dr. M. Y. Williams:

"Fauna of the Former Dominion Peace River Block, British Columbia."

Dr. H. V. Warren and Mr. Rodger W. Loofburow:

"The Occurrence and Distribution of the Precious Metals in the Montana and Idaho Mines, Ruby, Arizona."
Economic Geology, Vol. XXVII, No. 6, Sept. 1932.

Dr. H. V. Warren and Mr. Rodger W. Loofburow:

"The Occurrence and Distribution of Silver in the Silver King, Coalition Mines, Park City, Utah."

"Relation between Silver Content and Tetrahedrite in the Ores of the North Cananea Mining Company, Cananea, Sonora, Mexico."

DEPARTMENT OF HISTORY:

Dr. W. N. Sage:

Articles:


"British Columbia says Klahowya."
Kiwanis Magazine, July, 1933.

Review of:

"The Drums of Lanoraye" by Annie Ermatinger Fraser
Canadian Historical Review, March, 1933.

"New Spain and the West."
Canadian Historical Review, September, 1933.
Mr. F. H. Soward:

Pamphlets:
"Canada and the League of Nations."
International Conciliation, New York, October, 1932.

A revised and enlarged edition of the pamphlet previously published in Canada.

Articles:
"Three Years of the Five Year Plan."
Dalhousie Review, October, 1932.

"The Address of the Honourable Mr. Cahan."
Interdependence, March, 1933.

"The March of Events in 1932."
Vancouver Sunday Province, January 1, 1933.

Reviews:
"The Capital Question of China" by Lionel Curtis - Pacific Affairs, January, 1933.

"The Diplomatic Relations of the United States and Japan." by Payson J. Treat
Pacific Affairs, February, March, 1933.

"Some Educational Factors Affecting the Relations between Canada and the United States." by Dean Hauck - Canadian Historical Review, December, 1932.

As in the past Mr. Soward has assisted in the editorial work on Canada for the Political Handbook of the World, 1933.

Professor Soward read a paper on Canada and the Far Eastern Crisis at the May meeting of the Canadian Historical Association at Ottawa, and this paper was sent in as a data paper to the Conference of the Institute of Pacific Relations at Banff.

DEPARTMENT OF MATHEMATICS:

Dr. D. Buchanan:

"The Spheroidal Pendulum"
American Mathematical Monthly.
Department of Mathematics continued:

Dr. F. S. Nowlan:

McGraw-Hill & Company,

Mr. L. Richardson:

"Applications of Vectors to Spherical Trigonometry."
American Mathematical Monthly.

"Linear Representation of Hyperbolic Functions" (In Press).

Mr. Walter H. Gage:

"On Theta Phi Identities."
Bulletin, American Mathematical Society,
July, 1933.

DEPARTMENT OF PHYSICS:

Mr. Black and Dr. J. G. Davidson:

"New Practical Physics."
(Adapted for Canadian Schools by Dr. J. G. Davidson.)

DEPARTMENT OF ZOOLOGY:

Dr. C. McLean Fraser:

"A Comparison of the marine fauna of the Nanaimo region with that of the San Juan Archipelago."
Trans., Royal Society, 3rd. Ser. Vol. XXVI, Sec. 5,
pp. 49-70.

Mr. G. J. Spencer:

"Epidapus scabies - A Greenhouse Pest in Vancouver."

"Further notes on Rhyncocephalus sackeni Will."
DEPARTMENT OF FORESTRY:

Mr. F. M. Knapp:

"The Recent Application of Science and Engineering to Forestry."
Fifth Pacific Science Congress, June, 1933.

DEPARTMENT OF NURSING AND HEALTH:

Dr. H.W.Hill:

"Bacteriological Study of Milk in British Columbia."
Supplement, Bulletin of the B.C. Board of Health, May, 1933.
Articles in the above Bulletin.

DEPARTMENT OF AGRONOMY:

Dr. D. G. Laird:

"A Study of Strains of the Rhizobia with Particular Reference to the Bacteriophage."
Read before the Agricultural Conference at the World's Grain Show, Regina.

Mr. W.H.Hill, Mr. H.M.King and Dr. D.G.Laird:

"Some Further Studies on the Etiology of Bovine Haematuria Vesicalis (Red Water) in British Columbia."

Dr. G.G.Moo:

"Recent Applications of Science to Agriculture."
Fifth Pacific Science Congress, Victoria, 1933.

"Agronomic Aspects of Wheat on the Pacific."
Fifth Pacific Science Congress, Vancouver, 1933.
DEPARTMENT OF HORTICULTURE:

Dr. G. H. Harris and Mr. J. J. Woods:

"Raspberry Nutrition."
Fifth Pacific Science Congress, June, 1933.

DEPARTMENT OF Dairying:

Dr. B.A. Eagles and Mr. W. Sadler:

"Nitrogen Requirements of Lactic Acid Bacteria: I. The Fractional Analysis of Various Nitrogen Sources Used for the Quantitative Determination of the sugar-fermenting Abilities of Lactic Acid Bacteria."

Mr. W. Sadler, Dr. B.A. Eagles and Miss G. Pendray:

"Nitrogen Requirements of Lactic Acid Bacteria: II. The Influence of Defined Nitrogen Sources on the Sugar-fermenting Abilities of Lactic Acid Bacteria."

"The Nitrogen Requirements of the Lactic Acid Bacteria."

Mr. W. Sadler and Dr. B.A. Eagles:

"The Nitrogen Requirements of the Lactic Acid Bacteria: The Effect on the Sugar-fermenting Abilities of Enriching Peptie Caseinogen Digest Broth with Yeast Extract."

Dr. B.A. Eagles and Mr. W. Sadler:

"Casein-splitting Abilities of Lactic Acid Bacteria."

DEPARTMENT OF POULTRY HUSBANDRY:

Mr. Jacob Biely, Mr. E.A. Lloyd and Mr. William Roach:

"Pullorum Disease."
Mimeographed Bulletin, Dep't. of Agric., Victoria, B.C. 1933.

Reported under Faculty of Arts and Science- Dep't. of Bacteriology.
Mr. Jacob Biely and Miss V. Elvira Palmer:


"The Antirachitic Value of Pilchard Oil (Sardine Oil) for Growing Chicks." Scientific Agriculture, 14 (2) 1933.

Mr. Jacob Biely, Miss V. Elvira Palmer and Mr. I. Michael Lerner:

"Fowl Paralysis (Neurolymphomatosis gallinarum) in Chicks under Three Months of Age." Canadian Journal Research 8, 1933, pp. 305-311.

Mr. Jacob Biely, Miss V. Elvira Palmer, Mr. I. Michael Lerner and Dr. V. S. Asmundson:

"Inheritance of Resistance to Fowl Paralysis (Neurolymphomatosis gallinarum)." Science 78, 1933, p. 42.

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Mr. Jacob Biely and Mr. William Roach:

"Further Studies on the Comparative Value of the Rapid Whole Blood (Stained Antigen) Agglutination Test and the Serum Agglutination Test for Pullorum Disease." (In Press).

Dr. V.S.Asmundson and Mr. I. Michael Lerner:

"Inheritance of Rate of Growth in Domestic Fowl" Poultry Science, XII, No. 4, July, 1933.

Dr. V.S.Asmundson and Dr. J. G. Jervis, University of California and University of British Columbia:


Mr. K. Masui, Mr. Y. Hashimoto and Mr. E.A.Lloyd:


Reported under Faculty of Arts and Science (Dep't. of Bacteriology).