

REPORT OF THE PRESIDENT
OF THE UNIVERSITY OF BRITISH COLUMBIA
FOR THE ACADEMIC YEAR ENDING
AUGUST 31st., 1931.

PUBLICATIONS

FACULTY OF ARTS AND SCIENCE

Department of Bacteriology:

Dr. H.W.Hill.

- "Wassermann and Kahn Reactions Fundamentally Identical."
Vancouver Medical Association Bull., Feb., 1931.
- "Bacteriological Diagnosis of Diphtheria"
B.C.Laboratory Bulletin, Feb., 1931.
- "Bacteriological Diagnosis of Gonococcal Infections."
B.C.Laboratory Bulletin, March, 1931.
- "Bacteriological Diagnosis of Tuberculosis."
B.C.Laboratory Bulletin, April, 1931.
- "Bacterial Examinations in Typhoid, etc."
B.C.Laboratory Bulletin, May, 1931.
- "Blood Cultures."
B.C.Laboratory Bulletin, June, 1931.

Dr. D.C.B.Duff.

- "Detection of Indol in Bacterial Cultures."
American Journal of Public Health,
Vol. XX, No.9, September, 1930.

Department of Botany:

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

- "The Effect of Radiant Energy on Growth and Sporulation in Colletotrichum Phomoides."
Canadian Journal of Research, 3, 187-199- 1930.
- "Specific Effect of Monochromatic Light upon Plasmolysis in Paramecium."
Canadian Journal of Research, 4, 614-623 - 1931.

Dr. A. H. Hutchinson and C.C.Lucas.

"The Epithalassa of the Strait of Georgia."
Canadian Journal of Research, complete number,
August, 1931.

Department of Chemistry:

Dr. William Ure and T.Bentley Edwards.

"The Rates of Intramolecular Change between Ammonium
Thiocyanate and Thiourea."
Trans. Royal Society, Canada, XXIV, (III) 153, 1930.

Denis W.Pearce and Dr. J.Allen Harris.

"A Study of the Absorption Spectra of Various Series
of Rare Earth Double Nitrates." Part I,
Trans. Royal Society, Canada, XXIV, (III), 145, 1930.

Dr. J.Allen Harris:

"Studies in the Rare Earths - The Preparation of the
Bromates of Cerium Group Rare Earths."
J.Am.Chem. Soc., 53, 2475, 1931.

Dr. W. F. Seyer and Eric Todd.

"The Critical Solution Temperatures of Normal Paraffin
Hydrocarbons and Sulphur Dioxide."
Jour. Ind. and Chem. Eng., 23, 325, 1931.

Dr. John Allardyce.

"The Determination of Cholesterol in Blood"
Can. Jour. Research, Vol. III, 125, 1930.

Dr. John Allardyce, R.H.Fleming, F.L.Fowler and Dr. R.H.Clark.

"Blood Normals for Cattle - Some Pathological Values."
Can. Jour. Research, Vol. III, 120, 1930.

R.H.Fleming, F.L.Fowler and Dr. R.H.Clark.

"Haematuria Vesicalis."
Can. Jour. Research, Vol. III, 125, 1930.

Dr. R.H.Clark and R.M.Archibald.

"The Action of Nitric Acid on Benzoic Acid in Magnetic and in Electrostatic Fields."
Trans. Roy.Soc., Can., XXIV, 121, 1930.

Dr. R.H.Clark and K.R.Gray.

"The Addition of Hydrogen Bromide to Allyl Bromide in Magnetic and Electrostatic Fields."
Trans. Roy. Soc., Can., XXIV, III, 1930.

Dr. R.H.Clark and E.G.Hallonquist.

"A Further Investigation of the Two Electromers of 2 Pentene."
Trans. Roy. Soc., Can., XXIV, 115, 1930.

Department of Economics:

Mr. H. F. Angus.

"Legal Status in British Columbia of Residents of Oriental Race and their Descendants."
Canadian Bar Review, Feb., 1931.

"Pacific Relations."
Proceedings of the Canadian Political Science Association, 1930.

"Canadians of Oriental Race."
Queen's Quarterly, July, 1931.

Dr. W.A.Carrothers.

"Some Currency Problems in Relation to Mining."
The Miner, January, 1931.

"Indian Currency Reform and the Silver Problem."
The Miner, February, 1931.

"Stabilizing the Price of Silver."
The Miner, March, 1931.

Mr. J. F. Day.

"Cost Accounting in Relation to the Economics of Today."
Magazine of Canadian Cost Accountants and Industrial Engineers, May, 1931.

Mr. G.F.Drummond.

- "The Re-Monetization of Silver." Part I.
The Miner, August, 1931.
- "The Re-Monetization of Silver." Part II.
The Miner, September, 1930.
- "The Silver Situation."
The Miner, November, 1930.
- "Statistical Chart Showing Relationship Between
Production and Price of Silver."
The Miner, December, 1930.

Dr. C.W.Topping.

- "The Report of the Ontario Royal Commission on
Public Welfare, 1930. Penal Reform, An International
Review of Penal Information, Vol. 1, No. 1, London.
- "Culture, Custom and Contact."
Social Welfare, Vol. XIII, No. 2, November, 1930.
Toronto.

Department of Education:

Dr. G.M.Weir.

- "Interim Report on the Survey of Nursing Education in
Canada."
June issue - Journal of the Canadian Medical Association.

Department of English:

Mr. T. Larsen.

- "George Peele in the Chancellor's Court."
Modern Philology, November, 1930.
- "The Growth of the Peele Canon."
The Library, December, 1930.

"The Father of George Peele."
Modern Philology, November, 1930.

Dr. W.L.MacDonald.

"Daniel Defoe."
The Queen's Quarterly.

Department of Geology:

Dr. R.W.Brock.

"Batholithic Intrusion."
Proceedings of the Royal Society of Canada.

Dr. S.J.Schofield.

"The Coast Range Batholith of British Columbia."
Proceedings of the Royal Society of Canada.

Dr. M.Y.Williams.

"New Species of Marine Invertebrates, Fossils from
the Bearpaw Formation of Southern Alberta."
National Museum of Canada, Bull. 63, Pts. 1, and 11

"Sub-Surface Structure in Alberta and Saskatchewan."
Canadian Mining Journal, Vol. LI, No. 46, Nov.14, 1930.

"Geology of Southern Alberta and Southwestern Saskatchewan."
By- - Dr. M.Y.Williams and W.S.Dyer.
Canadian Geological Survey, Memoir, 163, 5 plates,
4 texts figures, 1930.

"Geological History of the Southern Plains of Canada."
Proceedings of the Royal Society of Canada.

Dr. M.A.Peacock.

"The Distribution between Chlorophaeite and Palagonite."
Geological Magazine, London, LXVII, 1930.

"On Crystallographic Classification" (By - V.Goldschmidt,
translated by Dr. M.A.Peacock from the German at the
request of Professor Goldschmidt.)
American Mineralogist (Menasha, Wis.) XVI, 1931.

"Autonomous and Singular Nodes" - By V. Goldschmidt -
Translated by Dr. M.A. Peacock, American Mineralogist,
XVI, 1931.

"Classification of Igneous Rock Series."
Journal of Geology (Chicago) XXXIX, 1931.

"The Modoc Lava Field, Northern California,"
Geographical Review (New York), XXI, 1931.

Department of History:

Mr. D.C. Harvey.

"George Etienne Cartier".
Ryerson Press Reader, Toronto.
Ryerson Press, 1930.

"The Loyal Electors, Ottawa."
Transactions of the Royal Society of Canada
Third Series, Vol. 24, Section II, 1930.

"Canadian Historians and Present Tendencies in
Historical Writing." Ottawa.
Report of the Canadian Historical Association, 1930.

Review:

"Responsible Government in Nova Scotia" - by W. Ross
Livingston.
The Washington Historical Quarterly, October, 1930.

Dr. W.N. Sage.

Book: "Sir James Douglas and British Columbia."
Toronto, University of Toronto Press, 1930.

"Sir James Douglas" in the Ryerson Canadian History
Readers: Toronto, Ryerson Press, 1930.

"Simon Fraser, Explorer and Fur Trader" in Proceedings
of the Pacific Coast Branch of the American Historical
Association, 1929. Los Angeles, McBride Printing Co. 1930.

"The Teaching History in the Elementary Schools of Canada"
Canadian Historical Association Annual Report, 1930.
Ottawa, 1930.

Review: "Two North West Company Documents in Canadian
Historical Review, Vol. XI, No. 2, June, 1930.

Review: "Frederick Niven", Canada West Canadian Historical
Review, Vol. XI, No. 4, December, 1930.

Mr. F.H.Soward.

"Canada and the League of Nations." With a foreword by Sir
Robert Borden. Ottawa - League of Nations Society in
Canada, 1931. Chapter One.

"Canada Enters the League of Nations" was republished
as an article in Interdependence, April, 1931.

"Ten Years of the League of Nations."
Kingston, Queen's Quarterly, Spring, 1930.

"President Polk and the Canadian Frontier."
Report of the Canadian Historical Assoc., 1930.

Review: "The Dominions and Diplomacy by A.Gordon Dewey."
American Journal of International Law, Oct. 1930.

Review: "The Survey of American Foreign Relations."
1929. Edited by Charles P.Howland.

Review: "Economic Foreign Policy of the United States."
By- Benjamin H.Williams, in the Canadian Historical
Review, December, 1930.

Department of Mathematics:

Dr.D.Buchanan.

"Periodic Orbits in the Problem of Three Bodies with
Repulsive and Attractive Forces. American Journal of
Mathematics, Vol. LII, No. 4, Oct. 1930.

"Crossed Orbits in the Restricted Problems of Three
Bodies with Repulsive and Attractive Forces."
(Rendiconte' del Circolo Matematico di Palermo.)

"Semi-circular Orbits in the Restricted Problem of Four
Bodies with Repelling and Attracting Forces."
Trans. Royal Soc. of Canada.

Dr. F.S.Nowlan.

Book. Analytic Geometry.

Department of Modern Languages:

Dr. D.O.Evans.

"Le Roman Social Sous la Monarchie de Juillet."
Paris. (P.cart.) 166 pages.

Department of Physics:

Dr. J. G. Davidson.

"Senior Matriculation Laboratory Manual for British
Columbia High Schools." (With the Co-operation of
a Committee of High School Teachers.)

Dr. G.M.Shrum.

"Some Experiments with Arcs between Metal Electrodes."
By- G.M.Shrum and H.G.West
Canadian General Electric Co. - New York.

Mr. O.E.Anderson and Mr. K.R.More.

"The Arc Spectrum of Nitrogen."

Mr. A.C.Creelman and Mr. A.C.Young.

"The Spectrum of the Corona Discharge in Oxygen,
Nitrogen and Air."

Department of Zoology:

Dr. C.McLean Fraser.

"The Razor Clam, Siliqua patula (Dixon) of Graham Island."
Queen Charlotte Group.

"Notes on the Ecology of the Cockle, Cardium corbis Martyn."

Mr. G.J.Spencer.

"The Oviposition Habits of Rhyncocephalus Sackenu, Williston."
Proceedings of the Entomological Society of British
Columbia.

"An Important Breeding Place of Clothes Moths in the Home."
Canadian Entomologist.

"On the Habits and Distribution of Cancer magister L. in
Clayoquot Sound."

Note: Research on the Commercial Crab. Sent in some
years ago, being published summer 1931 by
Biological Board of Canada as a Bulletin.

Mr. Geoffrey Beall.

"Observations on the Distribution and Habits of Fermites in
British Columbia."
Proceedings of Entomological Society of British Columbia.

Mr. Hugh Leech.

"Two short publications on Beetles."

Miss Mildred H.Campbell.

"Some Free-swimming Copepods of the Vancouver Island Region."
II.

Miss Josephine F.L.Hart.

"Some Cumacea of the Vancouver Island Region."

FACULTY OF APPLIED SCIENCE.

Department of Forestry:

"The Forest Club Annual."

Department of Civil Engineering:

Mr. A.H.Finlay.

"A Contribution to a Technical Discussion"
Published in the Transaction of the American
Society of Civil Engineers.

Department of Mechanical and Electrical Engineering:

Dr. H.Vickers.

"Rectification at Dry Contacts."

"Increment Losses in Direct Current Machines."

"Starting Conditions in Synchronous Machines and the
Calculation of Limiting Value of the Slip for
Pulling into Step."
American Institute of Electrical Engineers.

"An Analysis of the Synchronous Induction Motor."
American Institute of Electrical Engineers.

Mr. E.G.Cullwick.

"Magnetic Phenomena in Static Balancers."
American Institute of Electrical Engineers, New York,
(Accepted for Pacific Coast Convention in Vancouver.)

"Laboratory Manuals of Experiments."

Mr. W.B.Coulthard.

"Commutation in the Polyphase Commutator Motors."
Doctorate Thesis. University of London.

Department of Nursing and Health:

Dr. H.W.Hill.

"Epidemiology of Tuberculosis."
Western Hospital Review, Sep. 1930. (Presented June,
1930, before the American Public Health Assoc. Western
Branch, Salt Lake City.)

"Hereditary Susceptibility in Tuberculosis."
B.C.Laboratory Bull., Jan. 1931.

"Distinctive Tastes of Pasteurized and Raw Milk."
B.C.Lab. Bulletin, Feb. 1931.

Miss Margaret E.Kerr.

"A Clean Newspaper, the Public Health Nurse's Friend."
Canadian Nurse. Jan. 1931.

FACULTY OF AGRICULTURE.

Dean F.M.Clement.

"Some Economic Aspects of Agriculture"
Published in the Dominion Mortgage and Investment
Year Book, 1930.

"Some Business Aspects of Agriculture."
Published in Industrial Canada, July, 1931.

Department of Agronomy.

Dr.D.G.Laird.

"Bacteriophage and the Root Nodule Bacteria"
Published in the Archiv fur Mikrobiologie, 1931
Göttingen, Germany.

Department of Animal Husbandry.

H.R.Hare and H.M.King.

"Swine Feeding Suggestions."
Mimeographed for U.B.C.Students and for Swine Breeders,1930.

Department of Dairying.

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

"Nitrogen Distribution in Kingston Cheese-Ripening."
Published in "Nature" No. 3210, Vol. 127, pp. 705-6,
London, 1931.

"Nitrogen Distribution in Kingston Cheese-Ripening."
Journal of Dairy Research, Cambridge.

Mr. Wilfrid Sadler.

"A Critical Appreciation of Orla-Jensen and His Work."
Copenhagen.

Dr. N. S. Golding.

"A Preliminary Report of the Substitution of Pilchard
Oil for Butterfat in Milk for Calf Feeding."
By T. A. Leach and Dr. N. S. Golding.
Scientific Agriculture, Ottawa.

Miss Hudson and Mr. Mackenzie.

"The Cultural Characteristics of the Original atypical
strain of Aerobacter oxytocum recovered from corn silage".
Canadian Journal of Research, pp. 200-204, Vol. 3,
September, 1930.

Dr. A. F. Barss.

"Effect of Moisture Supply on Development of Pyrus
Communis."
Published in the Botanical Gazette, 1930.

Department of Poultry Husbandry.

Dr. V. S. Asmundson.

"Experimental modification of the shape of the hen's
egg."
Proc. Twenty-second Annual Meeting Poultry
Science Assoc., 1930, p. 21.

Effect of hormones on the formation of the hen's egg."
Poultry Science," Vol. X, (4); 157 - 165.

"Formation of the hen's egg" Part 1. Sci. Agric. XI, 9, 590-606. Parts II and III Sc. Agric. XI (10), 662-680. Part IV, Sci. Agric. XI (11): 775-788.

Messrs Lloyd, Asmundson, Riley and Biely.

"Feeding for Egg Production."
Revision, Bulletin No. 6, Dept. of Agr. Bull. 93.

Mr. E.A.Lloyd.

"Comparison of Laying Rations and Methods of Feeding".
University Mimeograph Circular, March 31-1931.

"World's Record Producers."
Published in American News Weekly, May 10-1931.