1962

PUBLICATIONS

of the Faculty

and Staff

The University of British Columbia
Vancouver
1962

PUBLICATIONS
of the Faculty
and Staff

September 1, 1960
to August 31, 1961

The University of British Columbia
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## Preface

This list, which is published under the general auspices of the Publications Committee, is an attempt to give a picture of the activities of faculty and staff through their publications. As usual the number of entries shows a substantial increase over that of the previous year. A rapid survey of the lists since 1950 proved both interesting and gratifying, for it indicated that the work of the faculty is being published from Sweden to Hong Kong and from East Africa to Australia. Better still is its appearance in such journals as the Transactions of the Royal Society, Nature, and the American journal of physiology, to name only a few.

Not everything submitted can be included. Abstracts, unless they represent the sole publication of the material, intros, unless of some length and genuinely critical, new notes from the field, however useful to the men concerned, and translations, unless of a substantial work and of true literary value, are all omitted.

Since last year's arrangement under departments proved satisfactory, it has been continued. As a further measure of economy, joint authors are indicated merely by cross references to numbered items.

I wish to express my appreciation of the work of Mrs. Margaret Fukuyama, who did all the typing and most of the "leg work".

ANNE M. SMITH, Compiler and Editor.
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ANNE M. SMITH, Compiler and Editor.
PUBLICATIONS OF THE FACULTY AND STAFF
SEPTEMBER 1, 1960 - AUGUST 31, 1961

ADMINISTRATION

Topic: Education, research, and national development.

"Utilization of resources and institutions for research." Agricultural institute review 16:16-20+ July-August 1961.


Topic: Education, research, and national development.

Held at the University of British Columbia, August 28-September 4, 1960.


Title: The expansion of higher education.


DEPARTMENT OF AGRICULTURAL ECONOMICS


Presidential address to the 41st annual meeting of the Agricultural institute of Canada, Regina, Sask., June 1961.

**DEPARTMENT OF AGRICULTURAL MECHANICS**


**DEPARTMENT OF ANATOMY**


**DIVISION OF ANIMAL SCIENCE**


Held at the University of British Columbia, May 18, 1961.


See also nos. 655, 657, and 773.

DEPARTMENT OF ANTHROPOLOGY AND SOCIOLOGY


BORDEN, Charles E. Preserving British Columbia’s prehistory; a guide for amateur archaeologists. [Charles E. Borden and Wilson Duff] Victoria, B.C., Department of the provincial secretary, Archaeological sites advisory board, February 1961. 12 p.

HAWTHORN, Audrey “Myths and sources.” Canadian literature 8:72-9 Spring 1961. Review.


NAEGELE, Kaspar D. “Canadian society: some reflections.” In Canadian society: sociological perspectives, ed. by Bernard R. Blis-
A survey of metal windows in Greater Vancouver 1959. Ottawa, National research council, Division of building research, June 1961. 21 p. tables, appendix. (Technical paper no. 121)


OBERLANDER, H. PETER and LASERRE, FREDERIC Annotated bibliography; performance standards for space and site planning for residential development. Ottawa, National research council, Division of building research, August 1961. iv, 33 p. (Bibliography no. 19) NRC 6442.


“Primitive or just bad.” Community arts council news and calendar 12:1-2 December 1960.

DEPARTMENT OF ASIAN STUDIES


DEPARTMENT OF BIOCHEMISTRY


DEPARTMENT OF BIOLOGY AND BOTANY


STEIN, JANET R. "Preliminary survey of the algae of Hubbel Pond game refuge (Becker County)" Minnesota academy of science. Proceedings 28:45-52 1960. See also no. 646.


DEPARTMENT OF CHEMICAL ENGINEERING


DEPARTMENT OF CHEMISTRY


“Distribution of space charge in homogeneous metal oxide films.”

“Reactions of methylene. V. The effect of inert gases on the reaction with cyclopropane.”
By James N. Butler and G. B. Kistiakowsky.

CAVELL, R. G. and CLARK, HOWARD C. “Amine derivatives of vanadium and niobium pentafluorides.”


CHAMBERS, R. D., CLARK, HOWARD C., and WILLIS, C. J. “Perfluoroalkyl derivatives of tin. II. Dimethyltrifluoromethyltin chloride.”

“Some salts of trifluoromethylfluoroboric acid.”

CLARK, HOWARD C. “Unstable intermediates. Part XII. The radical-ions SO2− and NO2−.”
By H. C. Clark, A. Horsfield, and M. C. R. Symons.


DUNELL, B. A. “Fine structure in the proton magnetic resonance spectrum of 6-6 nylon.”

“Phase transitions in some anhydrous potassium soaps.”

“Proton magnetic resonance absorption in anhydrous potassium stearate.”

DUNELL, B. A., REEVES, LEONARD W. and STRØMME, K. O. “Studies of acetic acid, acetic-d4 acid and acetic acid-d4 in the crystalline state by N.M.R.”


"A three-dimensional analysis of the crystal structure of m-dinitrobenzene." Acta crystallographica 14:244-50 March 1961.

A study of groins and their functions as hydraulic structures. E. S. Pretiou and E. Vollmer. Vancouver, Department of civil engineering, University of British Columbia, July 1961. 43 p., figures, plates. (Canada. Public works department. Technical note no. 35)

DEPARTMENT OF CLASSICS


FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION


"Revising the municipal finance manual." Canadian chartered accountant 78:253-60 March 1961.

WARREN, JAMES B. and WONG, LESLIE G. J. An examination of the retail distribution of petroleum products with particular reference to service station turnover in the lower mainland of British Columbia. Vancouver, Faculty of commerce and business administration, University of British Columbia, April 1961. 59 p. appendices. Sponsored by Automotive retailers' association, Vancouver, B.C.

Cover title: Service station turnover.


Chartered Surveyors Gold Medal address, 1961, University of Leicester.

COMPUTING CENTRE

LAW, A. G. See no. 777.

DEPARTMENT OF CONTINUING MEDICAL EDUCATION


"The teaching of dermatology to undergraduates at the University of British Columbia. I. General organizational principles." Canadian medical association journal 84:709-12 April 1 1961.
COUNSELLING, PLACEMENT, STAFF PERSONNEL,
VETERANS' SERVICES

SHIRRAN, A. F., editor Proceedings of Second university-high school counsellors' seminar, April 5-6-7 and 8, 1961, sponsored by the University of British Columbia Counselling and placement department in co-operation with the Faculty of education and the B.C. Department of education. Vancouver, Department of university extension, University of British Columbia, 1961. 130 p.

Supported by the International nickel company of Canada limited.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE


The second report of the Ontario committee on portable pensions. 211


A summary report of the Ontario committee on portable pensions. 213


Sponsored by Unesco, Canadian national commission for Unesco, United States national commission for Unesco, the University of Chicago.


MOORE, A. MILTON “Canada does not need a new trade policy but it can use the exchange rate to better effect.” Canadian business 33:116-26 September 1960.


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“Turning new leaves (1)” Canadian forum 40:139-40 September 1960. Review article.


"Reliability formulas for independent decision data when reliability data are matched." *Psychometrika* 25:261-71 September 1960.


Publication of the Faculty and College of education, University of British Columbia: Vancouver-Victoria.


Publication of the Faculty and College of education, University of British Columbia: Vancouver-Victoria.


See also no. 852.
DEPARTMENT OF ELECTRICAL ENGINEERING


To be republished in Part C of the Proceedings of the Institution.


An address to the Vancouver institute on November 19, 1960.


EIC 1961 annual general meeting paper no. 9.


Presented at the 75th E.I.C. annual general meeting, Vancouver, May 1961.

YU, YAO-NAN Principle of tensor analysis of the general machine. Tokyo, Electrical machinery research committee of Japan, June 1 1961. 102 p. (Publication no.7)

DEPARTMENT OF ENGLISH


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“Canadian literature.” In Americana annual, 1961. p.113-9. 309

“Candidate’s prayer, Master’s oral.” Canadian forum 41:32 May 1961. 310

“Captain Cook.” Tamarack review 18:56-7 Winter 1961. 311

“Chaucer’s ‘gentil’ Manciple and his ‘gentil’ tale.” Neuphilologische Mitteilungen 61:257-67 Oktober 1960. 312


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“First tree.” Galley sail review 8:23 Summer 1961. 318

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“The inhibited and the uninhibited: ironic structure in the 'Miller’s tale.'” Neuphilologus 44:333-41 1960. 324


“Malcolm Lowry’s poetry.” Contact 7:81-2 Winter 1960-61. 327


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“Vitus Bering.” Tamarack review 18:55-6 Winter 1961. 343

“Wake Island.” Tamarack review 18:54 Winter 1961. 344

“A walk in Kyoto.” Best articles & stories 4:21 September 1960. 345


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“The compassionate rebel: Ernest E. Winch and his times.” Dorothy G. Steeves. Foreword by Harold E. Winch. [Vancouver, Boag 351


"Living on the edge." Canadian literature 6:84-6 Autumn 1960. Review.


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WOODCOCK, GEORGE “Canadian literature; the first two years.” U.B.C. alumni chronicle 15:23 Summer 1961.


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FACULTY OF FORESTRY


Smith, J. Harry G. and Ker, John W. Economics of restoration of Douglas fir, western hemlock, and western red cedar in the Vancouver forest district. By J. Harry G. Smith, John W. Ker, and Joseph Csizmazia. Vancouver, Faculty of forestry, University of British Columbia, August 1961. (Forestry bulletin no. 3) Sponsored by the Vancouver foundation.

Natural and conventional height-age curves for Douglas fir and some limits to their refinement, by J. H. G. Smith, J. W. Ker, and...
Also issued as Research paper no. 30, Faculty of forestry, University of British Columbia.

SMITH, J. HARRY G. and TESSIER, JEROME P. Growth, yield, and value of Douglas-fir trees for piling. Vancouver, Faculty of forestry, University of British Columbia, July 1961. (Research paper no. 43)

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SMITH, J. HARRY G., WALTERS, JOHN and KER, JOHN W. Preliminary estimates of growth and yield of western red cedar. Vancouver, Faculty of forestry, University of British Columbia, June 1961. (Research paper no. 42)


TESSIER, JEROME P. and KNAPP, F. M. Cost analysis of a mobile logging operation on the U.B.C. research forest. Vancouver, Faculty of forestry, University of British Columbia, June 1961. (Research paper no. 41)

WALTERS, JOHN The branch arrangement of western hemlock Tsuga heterophylla (Raf.) Sarg. Vancouver, Faculty of forestry, University of British Columbia, October 1960. (Research note no. 29)

Douglas squirrel damage to Douglas fir, by J. Walters and J. Soos. Vancouver, Faculty of forestry, University of British Columbia, May 1961. (Research note no. 32)

The effect of month of planting upon survival and growth of Douglas fir and Scots pine seedlings. J. Walters and J. Soos. Vancouver, Faculty of forestry, University of British Columbia, January 1961. (Research paper no. 38)

"The planting gun and bullet: a new tree-planting technique." Forestry chronicle 37:94-5 June 1961. Also issued as Research note no. 33, Faculty of forestry, University of British Columbia.


Some observations on the relationship of lammas shoots to the form and growth of Douglas-fir seedlings, by J. Walters and J. Soos. Vancouver, Faculty of forestry, University of British Columbia, May 1961. (Research paper no. 40)

WALTERS, JOHN and HADDOCK, PHILIP G. The influence of fertilizers on the growth of Douglas-fir seedlings on the University of British Columbia research forest, Haney, B.C., by J. Walters, J. Soos, and P. G. Haddock. Vancouver, Faculty of forestry, University of British Columbia, February 1961. (Research note no. 31)

The selection of plus trees on the University of British Columbia research forest, Haney, B.C., by J. Walters, J. Soos, and P. G. Haddock. Vancouver, Faculty of forestry, University of British Columbia, September 1960. (Research paper no. 33)


DEPARTMENT OF GEOGRAPHY


“Geology of the Engigstciak archaeological site, Yukon Territory.”


Presented at the Canadian association of geographers Annual meeting held at Queen's university, Kingston, Ont., June 1960.
See also no. 442.


A paper given to the Third annual meeting of the B.C. division, Canadian association of geographers, Vancouver, B.C., April 8, 1961.

DEPARTMENT OF GEOLOGY


See also nos. 85, 432 and 650.


Held in Victoria, B.C., March 1, 2, 3, 1961.

DEPARTMENT OF GERMAN


DEPARTMENT OF HISTORY AND INTERNATIONAL STUDIES


“Germany today.” Canadian literature 8:78 Spring 1961. Review.


Topic: Education, research, and national development.


Canadian edition.


DEPARTMENT OF THE HISTORY OF MEDICINE AND SCIENCE


SCHOOL OF HOME ECONOMICS


FACULTY OF LAW


SCHOOL OF LIBRARIANSHIP

HAGLER, RONALD A. The selection and acquisition of books in six Ontario public libraries in relation to the Canadian publishing system. Ottawa, Canadian library association, June 1961. vii, 248 p. (Occasional paper no. 99)


Speech delivered before the ALA Acquisitions section, Resources and technical services division, Montreal, June 23, 1960.

ROTSTEIN, SAMUEL “Canadian libraries: revelations and implications; the summary findings of the ‘Canadian library inquiry’.” Feliciter 6:3-11 August 1961.


“Science and technology; their impact on public library resources and services.” Library journal 86:2417-24 July 1961.


“Chronicle and creation.” Canadian literature 8:73-4 Spring 1961.


SMITH, ANNE M. “Our first librarians: Miss Russell, Dr. Stewart.” BCLA reporter 4:5-6 May 1961.


DEPARTMENT OF MATHEMATICS


Title of proceedings: Differential geometry.


General title omitted from Parts IV (Osteoarthritis) V and VI (Rheumatoid arthritis)


“The teaching of dermatology to undergraduates at the University of British Columbia. III. Role of photography.” *Canadian medical association journal* 84:716-8 April 1 1961.


STEWART, WILLIAM D. “The teaching of dermatology to undergraduates at the University of British Columbia. II. Basic records, statistics and standards.” *Canadian medical association journal* 84:712-5 April 1 1961.


See also no. 763.

WOOD, WILLIAM S. “The teaching of dermatology to undergraduates at the University of British Columbia. IV. Dermal histopathology.” Canadian medical association journal 84:719-20 April 1961.


DEPARTMENT OF MINING AND METALLURGY


DEPARTMENT OF MUSIC

COULTHARD, JEAN Cradle song for girls' voices or duet. Toronto, BMI Canada ltd., 1960.


Commissioned in 1953 by the Canadian broadcasting corporation for the coronation of Queen Elizabeth.


Music set to poem by Robert Herrick.


Piano solo.


Piano solo.

SCHOOL OF NURSING


DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY


INSTITUTE OF OCEANOGRAPHY


DEPARTMENT OF PAEDIATRICS


Publication of the Faculty and College of education, University of British Columbia: Vancouver-Victoria.


Publication of the Faculty and College of education, University of British Columbia: Vancouver-Victoria.


Publication of the Faculty and College of education, University of British Columbia: Vancouver-Victoria.

See also no. 764.


DEPARTMENT OF PATHOLOGY

AUERSPERG, NELLY See no. 595.


FIDLER, H. K. “See no evil.” 666


DEPARTMENT OF PHARMACOLOGY


“Glyoxalase activity in liver and blood of thiamine-deficient rats.” 681


FACULTY OF PHARMACY


DEPARTMENT OF PHILOSOPHY


REMNANT, PETER “Is everything I see really inside my head?” Originally presented at the 1959 meeting of the Canadian philosophical association.


SCHOOL OF PHYSICAL EDUCATION AND RECREATION


DEPARTMENT OF PHYSICS


SPECIAL PUBLICATION OF THE CZECHOSLOVAK JOURNAL OF PHYSICS


SOBRINO, LUIS G. de “Comparison of the Wilkins equation with experiments on water systems.” Comparison of Wilkins equation with experiments on water systems.” 713


DEPARTMENT OF PHYSIOLOGY


DIVISION OF PLANT SCIENCE


Held in Victoria, B.C., March 1, 2, 3, 1961.


DEPARTMENT OF PULTRY SCIENCE


DEPARTMENT OF PREVENTIVE MEDICINE

ANDERSON, DONALD O. "Hospital utilization in the metropolitan area of the lower mainland of British Columbia by non-metropolitan


DEPARTMENT OF PSYCHIATRY


TURVEY, S. E. G. "Diets in medical practice." British Columbia medical journal 2:632-3 October 1960. See also no. 610.


"Iowa no omoide." Hokudai kikan i:-io December 1960.


DEPARTMENT OF PSYCHOLOGY

BELVAEA, E. S. W. See no. 282.

BRYENTON, GORDON A. M. "Six years and a day as a marriage counsellor." Canadian psychologist 2:94-8 July 1961.


NUTALL, JOHN C. See no. 770.


DEPARTMENT OF ROMANCE STUDIES


"A considerably expanded version . . . with a more detailed description of the grammatical and phonological procedures . . . along with a detailed bibliography of the writings of Firth and his colleagues." Thought 1960 note p. 237.


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DEPARTMENT OF SLAVONIC STUDIES

HOOSON, DAVID J. M. See no. 430.


ST. CLAIR-SOBEll, JAMES Notes on Russian grammar; part two. Vancouver, Department of university extension, University of British Columbia, 1961. 19 p.


DEPARTMENT OF SOIL SCIENCE

AHMAD, N. “Stony marine clays of the upper Fraser Valley, British Columbia: 1. Description and physical characteristics of the deposits. 2. Chemical characteristics of the deposits.” Soil science 91: 257-61, 328-31 April, May 1961.


DEPARTMENT OF SURGERY


DODDS, WILLIAM A., GRAVES, HORACE B., NIXON, J. R., DAVIES, LOIS E., and SLEATH, G. E. “The anaesthetist’s role in open heart

ELLIOT, JOHN A. “Post-nephrectomy arteriovenous fistula.” Jour-


GILLESPIE, HECTOR S. “Excision of the carpal scaphoid for un-


INGLIS, A. M. “Common foot problems in young children.” Cana-


See also no. 636.


“The transverse approach in thyrotomies.” Pacific Coast oto-


MACARTNEY, HUGH H. “Halothane-air anaesthesia using the ‘Pul-


MILLER, H. S. “A review of the literature on burns and trauma. 842


SARJEANT, T. R. “The management of acute ilio-femoral thrombo-


SMITH, ERIC L. See no. 662.


DEPARTMENT OF UNIVERSITY EXTENSION


“Some comments on the history of university extension at the University of British Columbia.” In Seminar on agricultural extension in British Columbia: the next decade. Vancouver, Department of university extension, University of British Columbia, 1961. p. 11-3.

Report of a conference held in International House at the University of British Columbia, May 11 and 12, 1961.


“Some comments on the history of university extension at the Uni-


Held at the University of British Columbia, May 18, 1961.


See also nos. 36 and 39.


McALLISTER, D. E. and LINDSEY, C. C. "Systematics of the freshwater sculpins (Cottus) of British Columbia." In Contributions to zoology, 1959. Ottawa, Department of northern affairs and national

MoPHAIL, J. D. "Microgogon euteus Jordan and Gilbert a syno- 


NORDAN, H. C. See no. 39.


"Dictyonota fuliginosa Costa (Hemiptera: Tingidae) in the Ne- 

"The functional morphology and interpretation of the insect ovi- 


SHEPPE, WALTER JR. "Systematic and ecological relations of Perno- 


"The brown dog-tick, Rhipicephalus sanguineus (Latr.) in Van- 

"On the nests and populations of some vespid wasps." Entomo- 

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EDITORS-IN-CHIEF

de BRUYN, JAN, editor Prism; a magazine of contemporary writing. 904

Editor: Member of Department of English, University of British Columbia.

DIVINSKY, NATHAN J. and MACSKASY, ELOD, editors Canadian chess chat; official publication of the Chess federation of Canada. 905

Editorial office: Department of mathematics, University of British Columbia.

DRAKE, ROBERT J., editor Molluscs in archaeology & the Recent. 906

Editorial office: Department of zoology, University of British Columbia.

GROVES, GORDON A., editor The bulletin of the Canadian conference of pharmaceutical faculties. 907

Editorial office: Faculty of pharmacy, University of British Columbia.
HOLLAND, WILLIAM L., editor Pacific affairs; an international review of Asia and the Pacific.
Editorial office: Room 306, Auditorium, University of British Columbia.

JAMES, RALPH D., editor The American mathematical monthly; the official journal of the Mathematical association of America, inc.
Editorial office: Department of mathematics, University of British Columbia.

McGECHAEN, JOHN, editor Journal of education of the Faculty and College of education of the University of British Columbia: Vancouver-Victoria.
Editorial office: College of education, University of British Columbia.

MOIR, J. GLEN, editor IPSF news bulletin; official organ of the International pharmaceutical students' federation.
Editorial office: Faculty of pharmacy, University of British Columbia.

ST. CLAIR-SOBELL, JAMES, chairman of editorial committee Canadian Slavonic papers.
Editorial office: Department of Slavonic studies, University of British Columbia.

SELTH, GEOFFREY P., editor BCLA reporter; the newsletter of the British Columbia library association.
Editor: Member of Library staff, University of British Columbia.

SMITH, J. HARRY O., editor The forestry chronicle.
Official organ of professional foresters in Canada.
Editorial office: Faculty of forestry, University of British Columbia.

WOODCOCK, GEORGE, editor Canadian literature; a quarterly of criticism and review.
Editorial office: Department of English, University of British Columbia.

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