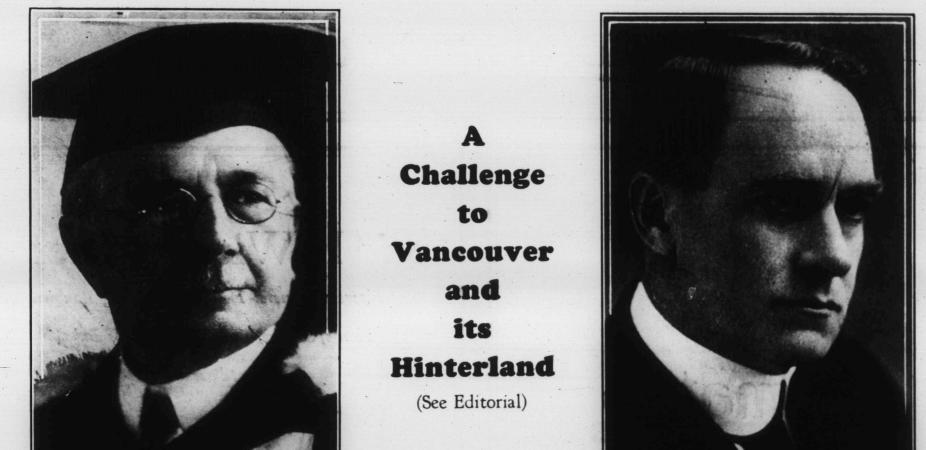


This issue contains references to the work of each Faculty of the University, and Impressions of the Chancellor, President, and others.

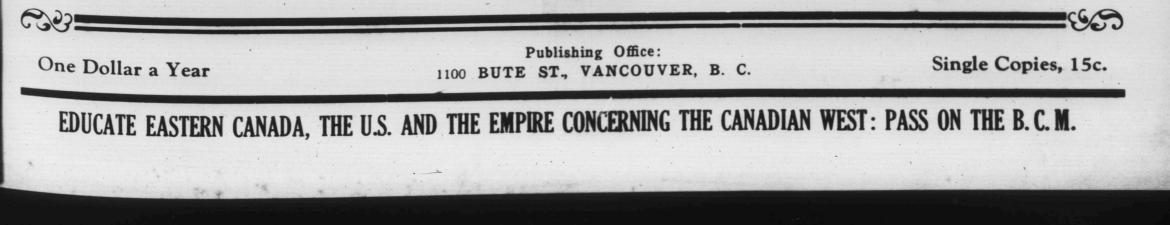




WADDS PHOTO Chancellor Dr. R. E. McKechnie President L. S. Klinck

### British Columbia Monthly Editorial Suggestion re An All British Organization Commended in "World Wide" (Montreal) as "An Ingenious Idea."

(See Page Six)



# BOYS WANT RUNNING SHOES

These summer days arouse the desire for light, cool running shoes. Here's our new summer stock.

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suction rubber sole	es. Sizes 11	to-13	\$1.75
Sizes 1 to 5	\$1.85 Siz	tes 6 to 10	1.95

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Sizes 1 to 5	\$1.65 Sizes 6 to	\$175

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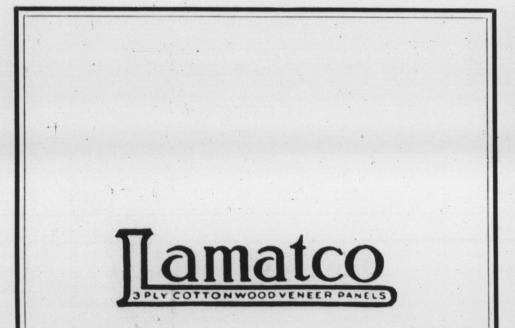
### Men's White Tennis Boots or Oxfords

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Boots at\$1.65	and	\$1.95

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**D. A. CHALMERS** Managing Editor and Publisher With an Advisory Editorial **Committee of Literary** Men and Women

The Twentieth Century Spectator of Britain's Farthest West For Community Service-Social, Educational, Literary and Religious; but Independent of Party, Sect or Faction "BE BRITISH" COLUMBIANS!

VOL. 25

University Featuring Number

### A Challenge to Vancouver-and its Hinterland

Sometimes local patriotism affecting certain lines of Social Service may best be is the situation TO-DAY, and what may through its Executive in any way they stirred by the International Leader of or should be done to meet it. Some men and the management of this Magazine Thought, the man of a world-wide vi- may be interested in the Y. M. C. A. be- may decide is practicable. Our idea would sion. To a comparatively small group, Dr. cause of personal benefits received from be not merely to keep in the forefront the Mott the other evening gave an address it in their youth or later. Those whose clamant need for a Y. M. C. A. building in Spencer's dining room, Vancouver, boyhood's lot may not have given them suitable for such a city as Vancouver, but which might, under other circumstances, such rare opportunities and privileges in some reasonable measure to help build have reflected creditably on the social and affecting the exercise of body and mind, up a fund that will make such an Inintellectual life of this community had may be the more ready to recognise the stitution a reality. an Auditorium similar in size to the practically inestimable worth of these to McEwan Hall, Edinburgh, or even the manhood in the making. For clean sport, Albert Hall, London, been crowded to and healthful physical and mental exerhear him. The address was a masterly cises under conditions and associations review of conditions as at present evol- which stir and stimulate the best in sue was made necessary, in supplement of ving, nationally and internationally a- human nature, form an asset which in a former one, because while some "copy" round the basin of the Pacific Ocean. It most cases is likely to be more valuable was welcomed early, there was unavoidwas of that analytic and comprehensive to the growing soul than an inherited able delay in getting in other contrinature which is possible only from such a monetary fortune. traveller and student. An outline, if not Even in a commercial age-and a time a fairly complete survey of the Univera summary of it might be given in this in which mere money-making is too often sity departments. Magazine, only, according to a dictum taken as the gauge of "a successful man" which we believe it is good for us all to -observation and experience alike will ing for an "Impression" to be included of seek to practise, the most important "ap- lead people of all creeds and connections one Dean. As Dean Coleman, however, plication" or improvement of any power- to admit the outstanding social worth of is one who is widely known, not only in ful exposition is the one which "begins an Institution whose field of unrestricted connection with his official position, but at home".

When he had completed his arresting resume of the Pacific situation, Dr. Mott made a pointed reference to the Vancouver Y. M. C. A. By comparison with the bearing on this question of the Ter- sonality, we have the less regret regarding other cities, many of which no doubt are minal city becoming increasingly a city the omission. Similarly, a repeatedly- prolikely to be much less outstanding in the era of evolution in world service that is all quarters of British Columbia, if not versity Librarian did not come to hand upon us, the building and equipment of also of Alberta and farther afield, or, may in time for insertion in this issue. the Y. M. C. A. of Vancouver city are we say, farther a-prairie. Were it only for To all who have co-operated in the deplorably inadequate; and as Dr. Mott the associations inseparable from the "Y", work of producing this number we tender himself indicated, he would not be a Vancouver city, in the not-distant fu- our sincere thanks, and we trust that friend if he were not frank in facing the ture, should have a building and equip- they, with us, may find that it is held by situation. When we interpret aright the ment scarcely second to any, in order to others to be of some community service. spirit and worthy purpose of the man, we care fully for the needs of such young cannot but trust that the hope he expressed about what would be accomplished within the next year or two, will be more than realised.

undenominational, social service, makes for his social service in other ways, such for healthfulness in body, mind and spirit. as his popular chairmanship ability, his "HINTERLAND" is concerned, there is verse alike), and his genuinely genial perof business service for young men from mised reference to the work of the Uni-

What we are exercised about chiefly to serve the Vancouver Y. M.C. A.

### Why this University-Featuring Number

The Ideal is ever ahead of us. This isbutions which were held essential towards

As it is, we go to press without wait-Then, so far as Vancouver's power of literary expression (in prose and

#### May a BRITISH COLUMBIA Magazine Help?

of the Vancouver Y. M. C. A., nor are this Magazine might not be of some use. we now concerned in any detail with We do not remember if the matter was what befell a former enterprise. All mor- put in any formal way then, but now, tals make mistakes of judgment; and, influenced by the challenge underlying whatever else is said, we believe it is gen- Dr. Mott's words, and inspired by that erally recognized that the time and cir- ambition towards real community service cumstances of the venture were peculiarly which has fostered this Magazine's life trying.

men who may be temporary or permanent residents at the Coast Mainland.

#### HOW CAN WE SERVE?

Service is a hard-worked word in these days, but years ago, when the former management was wrestling with the There is no need to go into the history problems of the past, we questioned if for fifteen years, we are disposed to offer

#### CONTENTS

Page A CHALLENGE TO VANCOUVER-and its Hinterland VERSE BY WESTERN CANADIAN WRITERS: The Quickener, by Kathryn Pocklington; To a Poet (A.M.S.) by Jean Kilby Rorison; Starlight, by Alice M. Winlow EDUCATIONAL NOTES: By Spectator THE WAYSIDE PHILOSOPHER: Abracadabra WORLD WIDE" (Montreal) COMMENDS B. C. M EDITORIAL AN IMPRESSION OF BRITISH COLUMBIA UNI-VERSITY CHANCELLOR: By Evlyn F. Farris, M.A., LI.D. PRESIDENT L. S. KLINCK: An Attempted Apprecia-THE WORK OF THE FACULTY OF AGRICULTURE AN IMPRESSION OF DEAN F. M. CLEMENT: By a Colleague FACULTY OF APPLIED SCIENCE 11 AN IMPRESSION OF DEAN R. W. BROCK: By M. THE FACULTY OF ARTS AND SCIENCE: By Dean H. T. C. Coleman CROFTER SCHOOLMASTER: A Contrast With Educational Conditions of Today: By Eric Duncan 15

## Verse by Western Canadian Writers

### THE QUICKENER

(By Kathryn Pocklington) To threshold of my house of life There came a Boy of sprightly mien, Tread free as air, Dawn-fragrant hair, His flowing tunic tender green.

PAGE TWO

He beckoned, and I followed him. Through vale and upland light he ran, I watched still streams Unloosed from dreams, In lacy leaf the woods out-fan.

He shook long echoes down the glades, From clouds their pattering raindrops drew, Each robin breast And tomtit crest, Each firefly lamp he painted new.

I saw the grass with sun-dust flecked, Blue woodsmoke from house chimneys spray, Heard minstrelsy Of wakened bee, And, wondering, the Boy's clear lay.

"I'm Love," he chanted. "Mine to speed Slow-turning worlds before the sun, I'm Spring, with gift Of blossom-drift."— So knew I Love and Spring are one.

### TO A POET

#### A. M. S.

Where we are deaf, he hears in every glade The Pipes of Pan: he takes his starry flight On fancy's wings, sees far beyond our sight Life nobly planned. Oh Seer! unafraid To plumb the depths, undaunted, undismayed, You never doubted in the blackest night That right would triumph, or the power and might Of God's great Love, the light that will not fade.

Ah! much we need in these prosaic days The clear fresh spring of lyric purity. We're weary of the sty—the sordid lays That desecrate the name of Poesy. Take us again where Pan the great god plays

#### STARLIGHT

To be recited to the music, "Starlight," by Macdowell

(By Alice M. Winlow)

The scented jasmine is a flower Starry clustered, starry haloed; It fills the garden to-night With silver enchantment.

A fleecy cloud trailing thro' the sky In lucent shreds, like crumbling silver, One vaporous flame kindling the blue; And the jasmine in the garden Kindles the dark with ivory flame.

The night is crystal-gauzed, And my speech seeks The frozen silverness of stars. I cannot count the stars That shine above me Diamonding The vast impalpable blue.

In this jasmine-scented night My spirit flutters, flutters as a moth, Drawn to the silver lamps of heaven, .... Starlight.



### TELEPHONE AHEAD

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## Educational Notes

### (By Spectator)

Drs. Putnam and Weir, in submitting their "Survey of-the School System of British Columbia" to the Provincial Superintendent of Education, Mr. S. J. Willis, express themselves as follows: "Education has not yet become an exact science. Indeed, the very nature of some of its problems precludes a wholly scientific treatment. Therefore a number of our conclusions are matters of opinion and proper subjects for educational discussion. We have tried to keep one aim prominently before us—the possible improvement of a provincial school system; and—our hope is that out of the general interest aroused through the Survey many such improvements will be made even though they may not be along the exact lines of our recommendations."

These are words of moderation and wisdom. In the light of these words the Survey should be read, and in the light of these words the Education Department, boards of school trustees, inspectors, teachers, and citizens in general, should look to it for inspiration and guidance in a grand, harmonious, united effort to give the boys and girls of British Columbia the best possible start in life, enabling the n to advance shoulder to shoulder with the flower of other lands, to fix, perchance, one more milestone in the unchartered wastes of the heritage of humanity.

\* \* \*

In the report of the surveyors much is made of educational tests and measurements, and very properly so. Tests and measurements in education are by no means new: there have been such as long as educational systems have been in existence. But in our day successful attempts have been made to improve on the tests and measurements of the past-to render them more exact, more effective, more nearly scientific. Of these the fullest possible use should be made. To all improvements in methods, in the mechanics of the educational process, a generous recognition will be accorded by all thoughtful, fairminded educators. But it must never be forgotten that life is more than meat; that the evil is more important than the means: that the work to be done is of in finitely more value than the machinery which may even wonderfully facilitate its accomplishment.

\* \* \*

Similarly, though it has been given to the sage of this generation or of that to feel within himself what education is, the power has never been granted him to define it vitally, so that he who reads may run. The statue carved by Phidias is but a piece of stone to the unresponsive clod.

Is it all in vain, then, the sweat of the soul of the immortal sculptor to reveal to us the god who has come in to him, supped with him and made his abode with him? By no means. The cold, lifeless marble may be the lowly door by which the god of Phidias may enter in and make his abode with us. This is the glory of the marble: this is the glory of Phidias.

#### \* \* \* . .

The National Council of Education is an organization doing invaluable service to the cause of education in Canada. Through its efforts some of the finest minds of the Old World have shared their best with many thousands of thoughtful Canadians. The National Council has given us its idea of education, per haps as simply and yet as eloquently as it is possible to express the inexpressible. The Council says: "Education is a spiritual process: education is imparted by personality." A more true, a more exact conception it would be hard to discover. In the last analysis it comes just to this: How is education to be acquired? Through the personality of the teacher breathing the breath of life upon the sensitized mind and heart of the pupil. So the living principle finds effective lodgment in the mind and breast of another being, where it may spring up to new and glorious life.

One of the stalwart Liberals whose co-operation and service MacKenzie King has found indispensable is the Right Honorable George P. Graham. In a recent address to the Young Men's Liberal Club of Toronto Mr. Graham said: "I have been at the League of Nation's Assembly, and I have taken part in considerable diplomatic conferences, and I want to say to the young men, you are not fitted for public life in Canada unless you understand the French language."

"To understand" the French language is not enough for the young man who would fit himself for public service in the great Dominion. Every ambitious young Canadian of English speech should see to it that he is at home also in the beautiful language of France, that he can read it, write it correctly. think of it, speak it with fluency and expression. Can ada can not become a great nation—one and indivisible—unless the two great national elements can enter freely into each other's minds and hearts. This is impossible unless we are at home in each other's speech. Almost every French-Canadian public man can make a telling speech in English. Every Canadian public man of the English-speaking provinces should be able to return the compliment by making a telling speech in French. The late Sir John A. Macdonald confessed that he knew no Greek. Politics, he said he knew, and, let us candidly admit the fact, statesmanship he also knew. As a preparation for a marvellous career in both he made a proper beginning for a Canadian public man when as a boy in the old Kingston Grammar School he took prizes for proficiency in French.

The biographer of the great man has an impossible task. At best he can but present to us a lifelike corpse, a marble statue of him who once trod this earth a being of flesh and blood and delicate nervous system; of strength of power, of compassion, of tenderness, of love-an expression and revelation of the divine. The great man has not died, though invisible to the myriads of the blind who all about us grope their way; though he lives not in the pages of a Boswell, or even of a Luke or John. He has lived first in the lives of those he has actually touched, his brethren according to the flesh, his brethren move truly according to the spirit. To these, too, has been accorded the high honor and precious privilege of passing on the stream of life to a new generation of spiritual sons, who in turn transmit the undying life to others. In these we read the only authentic life of the great one who has gone before.

No pen of gold can reincarnate for us the great one who has passed beyond the range of mortal sight.

# The Wayside Philosopher

#### THE BASIS OF LOYALTY

Amongst the recent questions we have heard discussed at luncheons and elsewhere is that of the proper demands or obligations of Loyalty.

We had assumed it indisputable that Loyalty demanded nothing less than the complete devotion of one's life to his or her country regardless of what conditions and circumstances might be. Anything less seemed sham.

We now hear other suggestions in quarters not avowedly Anarchistic. It is true that some of these suggestions are more or less vague. In many instances their advocates shrink from following the logic of their position to its final determination. Some have a blissful and hard-grasped hope that somewhere between their doctrine and the age-old one we have enunciated, there will be found a position that will give full satisfaction to the demands of Loyalty while allowing them to retain essentially uninjured their present doctrines.

Considerable danger arises from the situation. First the peril that without final examination of their arguments these new loyalists preach their doctrines until they find themselves without a proper and definite conception of Loyalty. Without this we might have less thoughful persons, misled by the promptings of self-interest, accepting these doctrines and becoming, without any real intent, a disloyal people. Other phases of the peril we need not mention.

The most pernicious of the present suggestions is that which limits the duties of Loyalty by relationship to the benefits received. Broadly stated it would appear by this doctrine that if you are prospering and have a goodly share of this world's comforts you are bound to be loyal. Presumably the rich should be ultra-loyal if such a term is ever permissible. If you are needy and unfortunate Loyalty ceases to lay its demands upon you.

Questioned on this position recently a former bank manager, to-day, a business man of influence and resposibility, could not define clearly the limits he recognized as satisfying the demands of Loyalty. He was clear in the conviction that Loyalty should and could mean nothing to a starving or indigent man. We cite him but as one of a considerable number we

#### SIR HENRY LUNN.

It was with pleasure that we noted the visit to our Province and to Vancouver of Sir Henry Lunn. The reception everywhere accorded him renders it superfluous for us to attempt to say anything in his favor. We may, however, express the hope that opportunity will be had for a further and more extended visit by Sir Henry and also for bringing to our Province and City other eminent visitors to interest and educate our people as to the League of Nations, its nature, constitution and operations.

### J. H. SENKLER, K. C.

Another of the outstanding pioneers of Vancouver has departed this life. "Harry Senkler" will be known among us in bodily presence no more. The memory of a life where superficial faults were outweighed by a clean, sane, healthy mind, interested in his profession, his civic and social duties, and in sport, will remain long with us. Such men are a real asset to the community where they live, a real loss to it when they are called to leave it. Mr. Senkler was a man virile of body and mind, with an all-round interest in life, and we add our testimony to the general mourning with which Vancouver and many beyond its walls heard the sad news of his death. To those of his immediate family and relatives and those who lament his passing, we extend our sympathy, trusting they will be guided as.

"To find in loss a gain to match,

"And reach a hand through time to catch "The far off interest of tears."

#### THE DOMINION BYE-ELECTION

We congratulate Hon. W. L. Mackenzie King on securing the return of Hon. J. C. Elliott. Coupled with the advent of Dunning into the Federal political arena, it constitutes one of the few pleasant places in which his lot has been cast for nearly two years. May he enjoy the fullest pleasure possible for him

PAGE FOUR

meet with, having similar views.

What, then, are the claims a Nation makes on a man's loyalty in return for his birthright as a citizen or subject. Everything. That nation gave him his all. His life, his liberties, his education, his ideals, his hopes, his aspirations, his skill to do, all he has he gets as a birthright or as birthrights developed as such.

What, then, is the equivalent return. Everything he is, or can be, nothing less. All his abilities and energies must be directed to serve the best interests of his country. Whether he gains millions or dies of starvation affects the situation not at all. As long as he lives, breathes, thinks, he is solely, entirely and unalterably his country's child. If his country in its wisdom allows him to expatriate himself well and good. It is the country not the individual which dictates the bounds and duties of Loyalty. For the individual there is but one plain duty to live or die, live and die for his country alone. Let us then hear no more of this false, selfish and self-centred Loyalty. to derive from the event.

#### THE KIWANIS ISSUE.

One unaccustomed to journalism has little knowledge of the work entailed in producing a special number such as the Kiwanis issue of the B. C. M. The task of inducing those unaccustomed to journalism or ignorant of the necessity of having it accurately and speedily done, to get their work or "copy" done in time, is only one of many difficulties to be overcome by a publisher.

It is not open to a contributor to the Magazine to express any opinion on the merits of the issue, lest it be thought that the Editor-in-Chief and Publisher is using a stratagem to have the Magazine selfishly "boosted," to use a street expression.

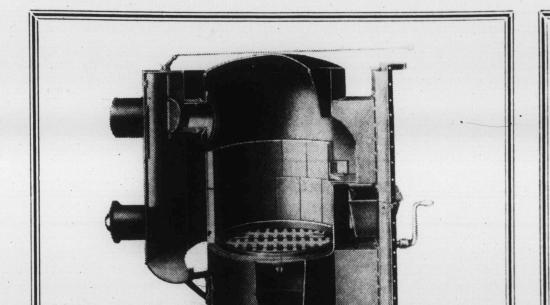
One is, bowever, free to discuss the relationship of the Kiwanis Club to such an issue. Have the Kiwanians of Vancouver sought properly to understand

and appreciate the compliment of such an edition by informing themselves of its meaning in-real hard work on the part of the editor of the B. C. M., or have they accepted it as a mere routine matter like the appearance of the morning paper at their breakfast table? More important still, have they realized the debt they owe to the B. C. M. Have they sought to express their appreciation by financially supporting the Magazine? Apart, altogether, from its claims on them as seekers of "service," of a publication devoted to "service," there is the special consideration that special issues mean special effort and special and large expenditures.

As a mere contributor to the B. C. M., with no interest in its financial position and no association in its publication work, let us hope that at any rate the business men among the Kiwanians will awake to a sense of their duty.

**Editor's Note.**—As usual, we pass verbatim the independent comments of the Wayside Philosopher. We appreciate the spirit of his reference to the Kiwanis featuring number, and his words constrain us to note that we received various valued compliments on its production. Other experiences connected with it, and lessons learned by the way, may form a fit subject for review—should more urgent matters permit.

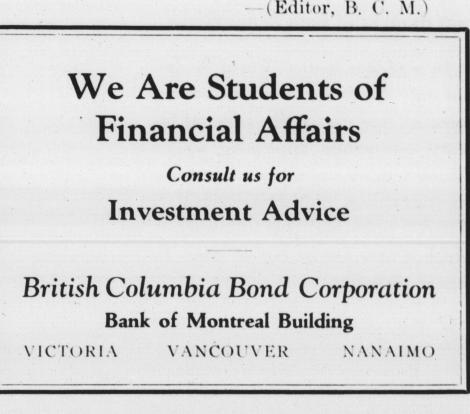
Meantime, the Wayside Philosopher and others like him, with living interest in Community service through a Magazine in Canada and British Columbia particularly, will note that it was an editorial appearing in that Kiwanis-featuring issue that arrested the attention and earned complimentary comment and re-



production from the editor of "WORLD-WIDE", Montreal.

Without going into the matter of how far publicity affecting our effort at Club service was neglected through the omission of a simple announcement which we-thought it right to leave to others—we should add, for the information of those Kiwanians whom it may concern, that the B. C. M. publishing office took what seemed the best course to let the Vancouver Clubmen not on our regular mailing list get first option of the spare copies of that issue....

If any Kiwanians, receiving this issue, have not previously obtained a copy of that Kiwanis-featuring number, report to us, we shall yet send them copies so far as our returns permit.



### Advertise Your Homeland! The B. C. M. suggests new slogans

It is more than time that, as citizens of British Columbia, we advertised more fully, to our kin across the sea, our U.S. friends and others that British Columbia is

A Sunny Summer Land for

PAGE FIVE



also Gurney, Sunbeam and Fawcett All Cast Furnaces

### Mitchell Bros.

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# Six Months in the Year:

British Columbia can be A PREMIER ATTRACTION for holiday-makers for at least that period; and, with the Grouse Mountain Enterprise now under way, our Western Coastland should soon

A Tourist Rendezvous

become

All the Year Round !

(Ed. B. C. M.)

# "World Wide" [Montreal] Commends B.C.M. Editorial Suggestion re an "All British Organization"

Montreal, is well known throughout the Dominion as a periodical claiming to contain "A Selection of the Ablest Articles from Leading Journals and Reviews Reflecting the current thought of both hemispheres"

PAGE SIX

In a recent issue "World Wide" not only did us the honour of using some of our personally selected literary quotations appearing under "Book Guests and Quests", but under the caption "AN INGENIOUS IDEA" published the followingwhich it may not be out of place to repeat verbatim:

little monthly, devoted to community Canada, but none the less put our own wake, think and act Imperially !

ledge regarding Western Canada, an in- inter-Empire interests and affiliations. genious idea is promulgated in a leading editorial dealing with the matter of U.S. periodicals in the Dominion, a part of which we quote:-

"If they will, our Canadian newspapers can help Canadian Magazines in more ways than one. After all, all we want is a fair field in our own country ... We question whether the time is not ripe for the Canadian Clubs of Canada, and other organizations with aims in sympathy with CANADIAN NATIONAL DEVELOP-MENT, to organize, advertise and extend AN ALL-BRITISH ORGANIZA-TION, or community of organizations, provincially and otherwise, which shall in no way interfere with the good will and good feeling engendered through the nu-

In this enterprising and well-edited merous United States affiliations with

"WORLD WIDE", published in service as well as the promotion of know- country and Empire first, and, foster

"Otherwise, if nothing is done, it may not be amiss to raise the question-if a loval Britisher may raise it academically -Does Canada face annexation by the United States? If, as a Canadian correspondent whose communication we published some time ago, alleged, the result would at once be a largely increased prosperity to Canada, with immense development of Canadian resources by larger influx of capital and population from the United States, then this may become a pertinent reflection: If British Imperial ties are not maintained and strengthened by inter-Empire development, economically and otherwise, who shall say what may happen in the not distant days? Throughout the Empire let Britons a-

### In All Seasons

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is of the first importance. It not only makes for bodily health but "means mental ease". Among all classes of people

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## PIERRE PARIS

### **51 HASTINGS STREET WEST**

VANCOUVER, B. C.

#### PAGE SEVEN

# An Impression of British Columbia University Chancellor: Dr. R. E. McKechnie

To thousands of grateful people reds of university graduates in Brit- greatest confidence in him and his in British Columbia, the name of ish Columbia have thus given tang-Dr. R. E. McKechnie means allevi- ible evidence of their confidence in ation of pain. His fame as a him and his ability to represent the physician extends far beyond the best thought of Convocation in relaconfines of this province for he is tion to the university. one of the most distinguished sur- If he is so trusted and endorsed geens on the coast. But his inter- by the graduates in the province, ests have not been confined to the he is equally loved and respected by art of healing. More than a quarter the undergraduates of the university of a century ago he was a member in whose sports and other student of the cabinet of British Columbia activities he takes not only an acholding the office of President of tive but practical interest. Never the Council in the Semlin administra- for one moment does he lose sight tion. Then and in the years that of the best interests of the student have since elapsed, Dr. McKechnie body. has been actively interested in and identified with public affairs. It is pathetic and intelligent friend in the has already led the university out accordingly all the more fortunate development of their departments, of the wilderness into the Promised for the province that a man of such in their intercourse with the stud- Land. How great its development versatility, in such demand in his ents and in their research work, may be in the future it is impossible profession, should in the best and where so many of the professors are to predict. But one thing is certain, most gracious years of his life throw bringing enduring credit to them, that there is an increasingly large himself whole - heartedly into the selves and to the university itself. number of people in British Columwork of higher education.

of British Columbia, he holds to-day ability to see all sides of a question, spired leadership, the faithful seran enviable position in the educa- his dignified presentation of all unitional life of this province. Three versity matters to the government, times elected, twice by acclamation, all these have given both the Senate characterized the Chancellorship of to the position he holds, the hund- and the Board of Governors the Dr. McKechnie.

(By Evlyn Fenwick Farris, M.A., LL.D.)

As Chancellor of the University McKechnie's fairness, his inherent will appreciate to the full the in-

poliev.

As a presiding officer, he is ideal. His skill in conducting the business of a meeting in the shortest possible time, and vet allowing full and frank discussion is well known. His knowledge of and memory for detail in connection with the affairs of the university during the last ten years is remarkable, while his quiet efficiency in carrying out decisions is outstandingly distinguished.

With the vision of an idealist, combined with the practical grasp The faculty finds in him a sym- of the man of affairs, Dr. McKechnie As for the governing boards, Dr. bia who in the years which lie ahead vice, the devoted spirit which have

### L. S. Klinck—The President An Attempted Appreciation.—By a Colleague.

The Vicar of Wakefield tells us tranquil and considered courtesy dignitate in Stoufville, Ontario, was that he chose his wife, as she did that sheds a certain grave decorum, not only a prominent farmer in his her wedding gown, not for a fine not to say solemnity, over the inter- day, but a practical educationalist glossy surface, but for such quali- view. To some interviewers he may as well. To the best of my knowties as wear well.-The Governors appear a little unbending, but then ledge he neither taught nor lectured of our University may, or may not one might quote from Emerson that except by a splendid example. have had this in mind when they "manners were invented to keep Nevertheless, his influence upon the chose Mr. L. S. Klinck to continue fools at a distance." Though Presi- youth of his community was very the work which had been started dent Klinck most certainly would far-reaching. ... One of the father's

a common play-ground to the young

late Dr. F. F. Wesbrook. At any might at least suspect that, at times, tario forty years ago, was the turnrate President Klinck's mantle may he feels the necessity of endorsing ing over of two acres of land for be unpretentious on the surface, but the sentiment. the material is made for wear, and weather.

be done usui et commodis hominum

with such eminent success by the not put it as crudely as that, one original plans, quite unique in On-

Farm lad; school teacher; col- men and boys of the neighborhood. has stood the test of much rough lege man; professor; dean; and Here they met every week-end, and president of a young and fast grow- sometimes in the middle of the week, When you approach him in his ing university. That, in brief, is for football, baseball and other outoffice after having waited your turn, the career of L. S. Klinck, B.S.A., door games. He never preached for he is a busy man who counts M.S.A., D.Sc., LL.D., President of about his purpose, and that was the seconds in order that work may the University of British Columbia, probably the reason why that par-How did this scion of Old Penn- ticular play-field was such an emi--to the advantage and welfare of sylvania-Dutch and Ontario trans- nent success. Things had to be done mankind-you realize at once that planted stock, reach his present at- well, accurately and on time, in the his work is done flawlessly, with tainment? The reason in this, as in Klinck household. Add to this an reatness and precision. And if his other cases, is simply that the stock atmosphere of cheerful and pracmanner lacks a little the spontan- was sound. His father, who togeth-tical christianity, which found its eous cordiality, to which most men er with his gentle and very capable expression in deeds rather than in are weakly susceptible, it has the mother, is enjoying his otium cum words, and you perceive the main

PAGE EIGHT

of Dr. Klinck's life.

sixteen years ago, he had passed the tary is one of his few weaknesses- "What we do to-day will have a stage of apprenticeship, as it were, even are aware that his name is "deeper significance for them than though he would be the last man to Leonard, and I am positive that only "it has for us. "We congratulate think, much less to admit, that this the most daring among them ever 'ourselves on the accomplishment of was the case. His school teaching slap him on the back and call him "a worthy task; we rejoice in the days were over, he had graduated "Len." in Agriculture from the University of Toronto, had made a name for seems to lie in his unerring choice himself on the other side of the "in- of men; in his ability to gather visible line" at Ames, Iowa, and had round him men of initiative and been called to the chair of Cereal scholarship. This has been one of his Husbandry at McGill University by never-ending tasks and how well he that prominent educator, Dr. Jas. has accomplished it is shown best by W. Robertson, who at that time was the record and accomplishments of the head of Macdonald College. His staff and students. To quote his work centered on the Cereal Hus- own words before the Vancouver bandry Department embracing the Institute in February, 1924, "Constudy of soils and crops, which, in "cisely expressed the President's the modern terminology, is called "first duty is to secure the right Agronomy. His Philosophy was of "men. His second duty, which is a practical kind, which dealt in "like unto the first, is to make it facts rather than in fancies, in ex- "possible for them to succeed. periments carefully conducted and "these two principles are summed meticuously recorded, rather than "up the Law and the Gospel of in undue speculations. It is a phil- University Administration." osophy which never rests, which has never attained, which is never per- eloquence, and human interest of fect. Its law is progress. A point the man are best summed up in a which yesterday was invisible is its few words spoken by him at Guelph, goal to-day and will be its starting Ontario, following the Dedication of post tomorrow.

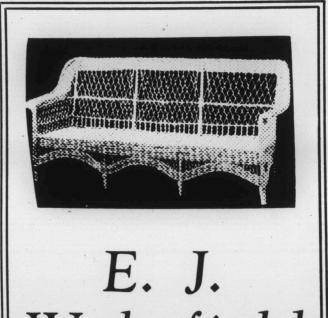
Though he does not consider him- rie: self a connoisseur, he takes a great "To the undergraduate body and interest in and comfort from music, "to the alumni, the ceremonies of and his appreciation of sculpture "the day have a corporate as well and architecture is far above that "as a personal interest. They, too, of the ordinary. Nevertheless, and "have made their contribution; on the whole, he is an outstanding "they, too, have a record of sacriexample of the maxim that honesty "fice \_of worthy achievementof purpose is the best policy, hon- "achievement expressed in a form esty backed by plain every day "which reveals their desire to acqualities, industry, courage and "knowledge and to pay fitting trifaith. A solid man, not without bril- "bute to those unseen forces which liancy, imagination and scholar- "spring from a deep-rooted convicship, he has risen to one of the high- "tion in the supremacy of moral est places in a profession in which "forces in the life of individuals these qualities, taken each by itself, "and of nations. are perhaps more common than in ""In this corporate action have the any other department of life. It is "students and the alumni attempted the triumph of character, the re- "to liquidate a part of their debt to ward of the diligent apprentice, and "their Alma Mater: in such action the regard of sterling worth. "is the basis for enduring academic None of those who knew him "allegiance laid; in such action do was surprised, when, at the time of "great traditions have their birth. "Reverently, humbly, and yet the organization of the new university, the then Professor L. S. "with conscious, justifiable pride, Klinck was constituted dean of the "do we dedicate this Hall to the Faculty of Agriculture to be. In- "memory and to the achievement cidentally, he has never applied for "of the fallen. To us this memorial any office or position. The situation "means much; to our children and always called him; when he became "to our childrens' children it will Professor Klinck, as well as Dean "mean more; to us it is a thing of Klinck and, finally, President "beauty; but withal, it is the child That is how he has been "of our own fancy, the product of Klinek. known subsequently for twenty "our own imagination, the object years. Few people, outside his more "of our own creation. Hence the intimate friends from student days, "personal obtrudes itself; detach-

The great strength of the man In

The character, foresight, intellect. Memorial Hall by Sir Arthur Cur-

factors which colour the background have known him or called him by "ment is impossible; perspective is his first name, and I doubt very "defective. But with succeeding When I met him first, close to much if his fellow Rotarians-Ro- "generations this will not be so. "completed work of our hands; we "pronounce it good; but we can-"not love it, we cannot venerate it "as they will come to do. To us "it is a symbol of sacrifice; to them "it will be in very truth a sacred "shrine; and in it shall generations "of students yet unborn bear glad "perennial witness to the fact that "the fathers of the Semi-Centennial "period builded better than they "knew."

> To the young men and women of the University of British Columbia no better example could be given. It is well for every one of them, and for us, to take to heart that genius, profound scholarship, and wisdom do not alone secure the lasting esteem and regard of those among whom we act and speak and live; but that the world, in spite of its apparent indifference, never fails to be impressed by the beauty of a devoted life and the dignity of a virtuous and spotless character.



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### The Work of the Faculty of Agriculture University of British Columbia By F. M. CLEMENT, Dean of Agriculture

Even to-day we often hear the specialty, and with the net amount by a modification of courses that statement expressed or implied that of money received, purchases goods, will meet the rapidly changing econanyone can farm. In the main that commodities and services which go omic conditions in agriculture. is true, but it is seldom held, except to make up his standard of living. by the inexperienced, that anyone can farm successfully. The figures laborer, manager, capitalist and justified the policy. Ontario Farmillustrating the migrations of the salesman (personally or through his ers, as an example, are using strains people of Canada would seem to in- co-operative) and as such presents of grains and grasses produced by dicate that few can farm success- a condition somewhat different from the Ontario Agricultural College, to fully. The figures of the Rural Life Committee of the Social Service Council of Canada seem to indicate that few are prepared to attempt farm life in Canada, as compared to other occupations. Over the last census period, approximately for every three persons born or placed on the land, one remained there and two went elsewhere. (During the last census period the farms received from natural increase and immigration, a total of 1,400,000 persons and lost by emigration, 920,000. The cities received approximately the same number and lost 368,000. Canada's total loss by emigration was and all others with whom the Facul- vincial appropriation for the whole 1,297,000. During the same period ty comes in contact. she received by immigration, 1,728,more attractive in Canada?

conditions have changed rapidly. (2) teaching work with four-year the Kingston and Camosun Cheese During the last hundred years we students who are working toward a in the Department of Dairying, the have made farms and subdued half degree in agriculture and short- breeding and improvement work in a continent. The days of making course classes made up largely of Poultry and Animal Husbandry and farms are, in part, with us still, but men, and women with experience Horticulture, as in the Department in the main we are farming, as com- who wish to improve their knowl- of Agronomy, are outlined with the pared to making farms. We have edge of farming; (3) economic in-specific intent of improving producpassed largely from a self-sufficing vestigations on farms scattered tions, efficiency and lowering the economy to a commercial economy throughout the Province, where unit cost. Therein lies the main in fifty years and during the last farmers are co-operating with the economic value of the experimental twenty, and particularly during the Faculty in the attack on the main work. last ten years, agriculture has been economic problems. Each farm is thrown into a maelstrom of com- a field laboratory. omy. four in number, one of them his situation will be met in due course work.

that of business, capital or labor the extent of ninety per cent. of the organized separately.

culture, the distance from farm to ment of Agronomy in the Faculty farm, from neighbour to neighbour, of Agriculture is relatively new, but from homestead to community cen- yet the improved strains are being tre, is such that relative isolation is used by increasing numbers of farm the rule. Leadership must be pro- ers annually. Should the farmers vided and in the main the Faculty of this Province use the improved of Agriculture is attempting to do U. B. C. strains to as great a degree this; by personal contacts with local as the Ontario Farmers are using the leaders, by addresses, press articles Ontario strains, the increased value and bulletins and through the med- of crops, without any increased exium of its students, graduates, men penditure or effort, would be apwho do work in the Faculty but do proximately \$480,000 per annum; not graduate, short-course students an amount about equal to the Pro-

000). Is it not possible to make tion in the Faculty is based on a cent. only, whereas the seed referfarm life more remunerative and three-fold division of work: (1) ex- red to give increases from ten to perimental, research and improve- thirty-five per cent, under experi-Farming methods and farming ment work with plants and animals; mental conditions. The work with

Whereas three generations accomplished. The results of this of years. What factors in farm orago the farmer produced for himself improvement, experimental and re- ganization should be emphasized in and his community primarily, to- search work have been highly gratic the interest of economy, of producday he is producing primarily for a fying; the results of extension work tion, improvement of quality or for market and for people he does not on the farms have been equally increased production of given comknow and in whom he is not inter- gratifying; the short-course work modities? Five years ago it was ested, except in a commercial, and has also been satisfactory. The stud- with difficulty that the co-operation possibly patriotic, sense. He is also ent attendance phase, or total reg- of fifty-eight farmers was secured. competing with his products in the istration in agriculture leading to a Co-operation meant the keeping of open markets of the world and be- degree, where the public in the main books and records and naturally the cause this is so, his costs of produc- has been led to look for results, has question was asked, "What good can tion must be as low as those of the been somewhat less gratifying. The all this do us?" The first and second most efficient of his competitors. He quality of the student and his ac- reports have been published, the must have standard grades and complishments on graduation have number of farmers co-operating has qualities equal to the best and all in part made up for shortage in increased to five hundred and the must be merchandised in a business- numbers. The student phase is one problem is not now to get new farmlike manner. He sells his products that is now receiving some careful ers, but to take care of the numbers for money, usual products three or consideration and it is felt that the who fully realize the value of the

As indicated above, the investiga-The farmer is doing business as a tional phase has already more than total number of the farmers of the The distance factor alone in agri- Province. The work in the Depart-University. This figure is based on The general principle of organiza- an estimated increase of five per

The farm survey work is an economic study of farm organization and mercialism based on a world econ- In the main something has been farm income extending over a period PAGE TEN

erally spoken of as the "Winter Seventeen received degrees in 1925. Course," have been offered six times. These men are now all widely scatwith an average attendance of tered, but not more widely scattered ninety-seven. For the most part the than the graduates of other Faculmembers of these classes came from ties. Only six are not connected farms and went back to farms. They with agriculture and only three of were men and women who wished these not directly connected. They to extend their kn wledge of the are doing the work for which they farming business.

The graduates in Agriculture number fifty-nine in all, beginning with eight in the Class of 1921, the justly proud of the place it has held among, the various groups.

were train i. It is a record of which the Faculty feels justly proud.

The Short-Course classes, now gen- first graduating class in agriculture. in the University in competition with the other Faculties in athletic, debating, leadership in student organization, and in other activities. We feel that what appeared to be an experiment on the part of the first President has amply justified itself. All Faculties are working on common ground in common classes and laboratories and we cannot ! elp but feel that something has been accomplished toward a better under-The Faculty also feels, I think, standing of, and a better feeling

### An Impression of F. M. Clement, B.S.A., M.A. Dean of Agriculture (By a Colleague)

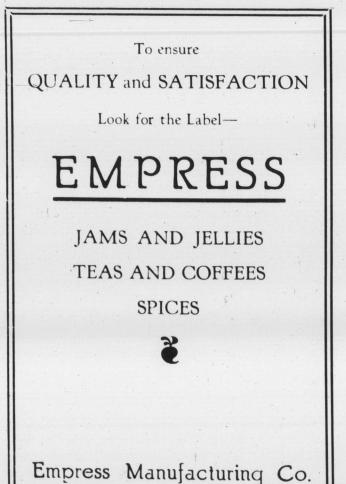
quite friendly critic, Peter Mc- years later. He retained his mod-Arthur. The professional fledgling, esty, he took advantage of the costhe pages of Pastures Green.

parts in relation to the whole, to see all in the proper perspective is Professor Clement's outstanding quality, his critical characteristic.

Niagara of a long line of yoeman farmers, reared in an atmosphere of historical lore, it is no surprise to find in Dean Clement a mixture of academic phases of the work, is the aggressiveness and at times im- destined to play a greater part in patience of the new world, and the the sound development of agriculcontemplative cautiousness which is ture in this province, than the sura part of those who have a profound veys, which for the past six years respect for, and a devotion to, the have been carried on by various deexperiences and lessons of the past. partments within his jurisdiction. Graduating from the University of Torento after four years at the On- ed with a further degree, recognized tario Agricultural College, Guelph, to-day as a sound exponent and infour years filled with everything terpreter of those things which perthat was worth while, including a tain to the economics of agriculture, record on the playing fields, he went Dean Clement is in the prime of his to Elgin County as one of the professional vigour. Those competpioneer Agricultural Representa- ont to judge, are satisfied, that, with tives, thence to Macdonald College respect to the requirements of agri-(McGill) as Lecturer in Horticul- culture in the academic and in the ture, thence to the Experimental business sense, and with respect to Station, Vineland, Ontario, as Direc- the constructive programme for the tor. It is no secret, that as he pro- meeting of these requirements, he gressed from Representative to Lee- has few, if any, peers in the Dominturer to Director he left in his trail icn at the present time. This cona reputation for initiative, capacity fidence, in no small measure, is be-

"how's that" caught the ear of a Professor-Clement became Dean spective, to see them each in relation keen, possibly sceptical, afterwards of the Faculty of Agriculture two to the envisaged whole. with the ink barely-dry on his parch-mopolitan interests which represent ment, was the present Dean of the the spirit of a University and Faculty of Agriculture in the Uni-strengthened himself for the work versity of British Columbia. The which lay ahead. The business of use to which the alert mind and agriculture, the part which agriculfacile pen of Peter McArthur put ture plays in the economy of the the "how's that" is to be found in community at large, the relation of the urban to the rural, and the bring-Possibly that involuntary meye- ing of a clear understanding of the ment, that standing aside to see the problems of agriculture to those inside and outside the University confines have become his vocation and avocation alike . . . apart from occasicnal perigrinations in pursuit of A native son of Canada, born in the royal and ancient game. The work of his faculty has not been without recognition; and, possibly no activity outside the more strictly His academic standing strengthen-

Some years ago a young man from for work, and an aptitude for admin- gotten and fostered by the convican Eastern College was giving the istration. He was the logical man tion, that as in the days when to finishing touches to the pruning of to initiate a Department of Horti- prune a tree was to him the crystala tree. Standing aside for a culture in the University of British lized expression of art, he can, and moment, as if to see the whole in Columbia when the time for such does stand aside from time to time one swift glance, his muttered had come, some nine years ago. to view the parts in the proper per-



Vancouver, B. C.

### Westward and Other Poems By Edwin Enoch Kinney

This book of varied verse "for all ages and stages of life" is a "B. C. Product" and is sold in the bookstores at \$1.50.

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PAGE ELEVEN

## Faculty of Applied Science

The necessity for a strong college of Applied Science in a prov- a ince with the industrial possibilities draughting room, machine shop, turns are available. Canadian staof British Columbia is apparent, for calorimeter room and large labora- tistics will show the same relative this supplies the training necessary for the intelligent and economical development of natural resources and the management of the industries based upon them. But while the need was recognized, it was the last of the three faculties of the University of British Columbia to be organized, due to the effects of the War. Until male students returned, money was available, and laboratories were in prospect, little could be done.

When the equipment of the laboratories at Point Grey is completed, as it will be shortly, the University will have a college of Applied Science that will compare favourably with any other. The equipment is new and therefore better adapted to present day needs than that of older institutions and Vancouver from its location and diversity of industries is an exceptionally favourable locality for such a college.

Recognizing that graduates in Applied Science have been too narrowly specialized and have lacked a sufficiently broad education, this University made one year in Arts equipment and staff in Applied Scian entrance requirement. er colleges are gradually introduc- the best eastern institutions. Furthing this standard. The first two er, the courses given\_are designed years in Applied Science are de- to meet the special conditions obvoted to mathematics and all the taining in this Province. There is basal sciences. some specialization is begun, though Columbian going outside the Provthe courses are still kept broad. In ince for an Applied Science educa- times as fast as total population. the fourth year, the student spec- tion. The Faculty is still too young ializes in his chosen course. Courses for its influence and effect on the in- duction per capita has raised the are now offered in Chemical, Civil, dustrial life of the Province to be standard of living all round. Electrical, Forest, Geological, Me-manifest, but research work by the skilled worker who got 2 or 3 chanical, Metallurgical and Mining Faculty has already returned to the bushels of grain for a week's work, Engineering. There is also a five- Province the cost of the University. now gets 20 or 30 for fewer hours

Mechanical Engineering occupies illustrate from United States statory equipped with all types of en- change, and will be much the same gines, compressor, refrigerating on a per capita basis. plant, etc.

Electrical Engineering has a building with two excellently equipped electrical laboratories, battery room, photometer room, meter stand ardizing room, etc.

Mining and Metallurgy occupy a building thoroughly equipped for ore - dressing and metallurgical work. In the same building is the Hydraulic laboratory designed for demonstrations and tests covering the main field of hydraulic principles and machinery.

The Forest Products Laboratory in its own buildings furnishes a testing laboratory for timber, steel and cement. It is equipped with testing machines ranging from a 200,000 pound compression and tension machine, down to delicate balances. Of particular value to Forestry students are the experimental kiln-drying laboratory, pathological equivalent to 250 slaves per family. laboratory and exhibit room.

It may justly be said that in The old- ence this University now ranks with In the third year no longer any reason for a British as fast as total population.

building with class rooms, tistics, since their last census re-

1880 mineral production 367 million dollars, \$7 per capita.

1918 mineral production 5500 million dollars, \$52 per capita.

More coal was used between 1905 and 1920 than in all preceding history.

More coal was used between 1906 a and 1920 than in all preceding history.

More oil was used between 1908 and 1920 than in all preceding history.

Already in this century we have used more mineral than in all the rest of man's history.

Truly we have entered upon a mineral age.

This change is indicated as strikingly by the sudden increase in the use of mechanical power.

1869, 7 million horsepower, equivalent to one slave per family.

1919, 500 million horsepower

In the 50 years to 1919 the percentage of agriculturists fell from one half to one quarter of the population, but notwithstanding this, agricultural production increased 80 per cent, faster than the total population.

Mineral output increased 7 times

Manufactures increased 31/2

This great increase in wealth pro-The

year degree course in Nursing and This University was the Health. first in Canada to offer this course.

Physics and Chemistry are taken in laboratories in the magnificent Science Building. The Applied Science class rooms, large, well lighted. draughting rooms, and the Forestry department are in the Applied Science building. Here also, in the excellent geological laboratories and museum the students study their geology. The power plant, with three types of 250 H.P. boilers, mechanical stokers, recording instruments, etc., is so designed as to be available as a testing plant and laboratory.

An Applied Science Faculty is no work.

longer simply a professional school All this is due to the trained inturning out graduates who will en- telligence that has harnessed the ter some branch of professional en- powers of nature.

gineering. A majority of its graduates are destined for industry, com- animate force makes a new and merce and administration, for it is huge demand on trained intellibecoming generally recognized by those at the head of affairs that and that of the industries based the Applied Science training is the upon it. The industries of the best yet devised for administrative United States are alarmed. While and supervisory as well as for tech- the Applied Science colleges are nical positions in the industries.

Few realize the sudden change that has taken place in industry. We have entered upon a new age in Man's history-a mineral age. To necessary for a farm or a factory, it

But this new and huge use of ingence for its direction and control turning out nearly 500,000 graduates a year, this is not enough to supply the existing needs.

While it has made fewer men

PAGE TWELVE

has increased the number of farms and factories and has made necessary more colleges of Applied Science to train the intelligence to develop and utilize this power and to organize and manage the great industries based upon it. Today many large industries will not waste time training youths for executive positions who have not had a technical education, A few years ago there wasn't a railway President in the United States who was a technical man. As a result of recent hard times for railways, there is now scarcely one who isn't. Word has just come that a bill is to be introduced into Congress requiring that the secretary and assistant secretaries of the Department of the Interior shall be technically trained men.

and utilizing the products of the Faculties of Applied Science.

With the splendid plant and facilities at Point Grey, British Co. lumbia is now in a position to do the same.

### R. W. BROCK, M.A., LL. D., [Queen's], F.G.S., F.R.S.C.

### Dean of the Faculty of Applied Science, in the University of British Columbia

### (M.Y.W.)

degree of M.A. in 1895. In order century that has followed. to take post-graduate work in his chosen field of geology he spent the terms of 1895-'96 and 1900-'01 at Our competitors are supplying Heidelberg, studying under the famous German professor, Rosenbusch.

> At that time Heidelberg was the mecca for students of geology from all over the world, and Rosenbusch was recognized as the greatest authority on the science of petro-



Reginald Walter Brock was born graphy or the study of rocks and at Perth, Ontario, and received his minerals in thin sections under the preliminary education in the public microscope. The student at Heidelschools of his native Province, and berg enjoyed the double advantage in the Ottawa Collegiate Institute. of the best instruction available, and He attended the University of Tor- association with the men who were onto from 1890 to '92 and transfer- to be the predominant figures in ring to Queen's University took the geology during the quarter of a

> Meanwhile, the summer months were spent on geological field parties. While still a school boy, Brock joined the party of the late Dr. Robert Bell, and worked for several summers with him in Northern Ontario and Quebec. A deep interest in Pre-Cambrian geology resulted from this experience, but in addition, from the long hard exploratory trips and the constant contact with Indians and wild life, there developed in the young student an interest in the whole realm of Natural History which was to have an important influence, as we shall see, in his later years of administration. In 1897 Brock was appointed to the staff of the Geological Survey of Canada and was sent by Dr. G. M. Dawson to British Columbia to continue the work so ably carried on by him before his appointment as Director of the Survey. From this time on British Columbia has claimed a major share of Brock's inter-West Kootenay, Boundary est. Creek, Lardeau, the Franklin and Rossland Mining Camps and many other districts have been dealt with in his reports.

From 1902 to 1907 Brock was Professor of Geology at the School of Mining, Queen's University, Kingston, Ontario, where he succeeded his close personal friend, the late Dr. W. G. Miller. During this period of teaching the School of Mines, Kingston, enjoyed remarkable success in turning out inspired investigators in Mining, Metallurgy and Geology, and to this success Professor Brock contributed not a little by his virile personality and first-hand, clearly apprehended information.

During 1907 a crisis arose in the Department of Mines. Ottawa, the immediate cause of which was the

continued illness of the Director, A. Director Brock's work with the Sur- effort on the part of devoted sci-P. Low. The Geological Survey, vey may be said to have been reach- entists who were emphatic regardhowever, after the death of Dr. ed when the Twelfth International ing the need of proper accommoda-Dawson, had gradually declined in Geological Congress' met in Can- tion for the fine collection already many ways, and with the setting ada in 1913 and toured the coun- assembled and for what was still to up of the sister organization, the try from end to end. Much "geo- come. In fact, with the material Mines Branch, measures were taken logical housecleaning" had been development of Canada, native races to do away with the Survey, and to done in preparation for the guests, were becoming "civilized" and so combine its activities with those of and during the lull preceding the losing their original culture and the Mines-Branch of the Depart- Great War, the eye of the Geologi- folklore, and the native flora and ment of Mines. Alarmed by the cal World was centred upon Can- fauna was fast disappearing, and so situation, influential mining men ada and its Geological Survey with studies and collections had to be asked that Brock be appointed as its Director who was Secretary of made at once or the opportunities Director of the Geological Survey the Congress. and this was done in 1907.

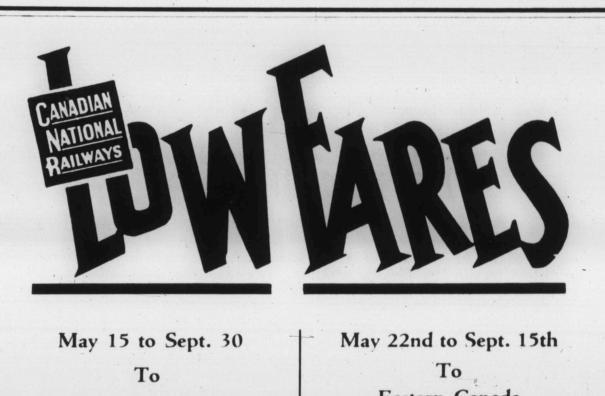
Director of the Geological Survey Logan in 1842 onward, a museum to work to augment the staff and apof Canada, and the new appointee had been an important part of the pointed scientists of first rank in exwas one of the youngest men of the organization, taking care of the perience and reputation in the betestablished staff. The Government many natural history objects ter recognized divisions of natural had to be persuaded of the useful- brought in by the various field history. Thus a strong Anthroponess of the Survey and urged to parties. The old museum rooms in logical division was established and reconsider its original stand, and the former home of the Geological the natural history division was rewhen this was finally accomplished, Survey on Sussex St., Ottawa, will organized and placed under men apthe Survey itself had to be reorgan- be recalled by many, for there child pointed for their recognized experiized, enlarged and re-equipped to and adult, business man, miner and ence and ability. The whole mumeet the needs of the country. The backwoodsman all found material seum staff was organized for active men in direct line for appointment to interest them, and useful inform- field work as well as for research as director had all been passed by ation. The present Victoria Memor- and museum work. The result was and resulting dissatisfaction hinder- ial Museum building was the pro- the gathering of a large amount of ed progress only too frequently.

From 190, to 1914 Brock was Director of the Geological Survey and acting Deputy Minister of Mines and in 1914 he was finally appointed Deputy Minister of Mines. During those seven and one-half years the Geological Survey and the National Museum, as we know them to-day, took form. High postgraduate qualifications were made pre-requisite to appointment on the Survey, and an arrangement was made with the Canadian Colleges, by which recommended students were taken on parties as assistants during summer vacations. So successful have these methods proved, that no material change has been made to the present day, and the method of recruiting new members for the Geological Survey is praised ----wherever known. In fact, the Geological Surveys of the United States and of Great Britain have both pointed to the Survey of Canada as a model of what a Geological Survey should be; and in recognition of its standing, Dr. C. D. Walcott, formerly Director of the Geological Survey of the United States and now Secretary of the Smithsonian Institution, Washington, proposed himself as an honorary member of the Geological Survey of Canada. The varied work, scientific and economic, so well started by Logan, Selwyn and Dawson, was carried on and amplified, as the needs of the

country grew. The culmination of

Never has so hard a task faced a Geological Survey by Sir Wm. withstanding, Director Brock set duct of long years of yearning and information and the collecting of a

were gone forever. The imperfec-From the establishment of the tions of the present building not-



PAGE THIRTEEN

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#### PAGE FOURTEEN

labours, a splendid study museum Reserve Battalion, and also as O.C. has grown up, but largely due to of a school of map reading and war conditions, as an exhibition mu- topography for officers. The quality seum, the hopes of its supporters of this training was shown by the have yet to be fulfilled. With re- 19th Battalion securing the training turning prosperity it is hoped that championship for the Canadians an expressed sentiment on the part against the pick of all the British of enlightened Canadians may forces. Later Major Brock was overcome the apathy of the average transferred to the Egyptian Expepolitician and make possible the ditionary force, and served in the splendid institution whose scientific Palestine and Syrian campaign unfoundations have been so well and der Allenby as a special intelligence truly laid.

During the days immediately preceding the outbreak of the Great Dean Brock became active in re- gist, Professor, Director of the Geo-War. Brock's love for British Co- constituting the Faculty of Applied logical Survey of Canada, Deputy lumbia, and his interest in teach- Science of the University of British Minister of Mines, Major C.E.F., ing, drew him from the turmoil of Columbia, and as a member of the Dean of Applied Science of the Civil Service Administration, and, executive of the University in help- University of British Columbia, Dr. resigning from the position of Dep- ing to make it what it is to-day. uty Minister of Mines of Canada, he British Columbia.

The War Clouds broke! Recruit- mission on Pre-Cambrian Geology; anced by application to the prob-

terial. The collections were label- in charge of 'C' Company of the and as Vice-President of the Ameriled and suitably taken care of for 72nd Battalion, C.E.F. Later he can Association for the Advancestudy purposes, and a good start was called upon to recruit the 196th, ment of Science, his ability has been was made in the exhibition halls known as the Western Universities recognized by his contemporaries. during the period under review. The battalion, the part played by him It is perhaps, however, by the Min-Director ever strove for the build- in raising and training this unit ing Men of British Columbia, that ing of a modern museum, which being a matter of history! For a his work is-best appreciated. would be to Canada what the Brit- time Major Brock was held in Eng- prospector, and the mine manager ish Museum is to Great Britain, or land as second in command of the of the Boundary district saw in the Smithsonian Institution is to the 196th Battalion and as officer in Brock the true successor of Dr. G. United States. As a result of his charge of the training of the 19th M. Dawson, and that was enough. officer.

51-1.

Returning from the war in 1919

became Dean of the Faculty of Ap- Dr. Brock is an outstanding member friend of her mining development plied Science in the University of of the Geological Profession. As a and an educator of her youth along member of the International Com- the lines of liberal education baling and the training of troops be- of the executive committees of the lems of the day.

great deal of valuable scientific ma- gan, and Dean Brock became Major International Geological Congress; The

> Of Dean Brock's seventeen papers published since the war, the following titles illustrate his breadth of observation and experience:

"Geology of Lower Syria."

"Tectonics of Eastern Asia." "Ore Deposits of the Pacific Coast Regions."

"Petroleum Provinces of Canada." "Structure of British Columbia." "Geology of Viti Levu, Fiji."

Successively, Government Geolo-B. W. Brock is with us as a loyal Nationally and internationally, etizen of British Columbia, a true

### THE FACULTY OF ARTS AND SCIENCE (By Dean H. T. C. Coleman)

The Faculty of Arts and Science engineering and agriculture, would a profession. In either case subjectis the oldest in the University of Brit- be spoken of as vocational. The fact matter and method are the same and ish Columbia, since it was the direct is, however, that Arts subjects are it is not unusual to find students reginheritor of the work done for many not strictly the first nor are the sub- istered in all three faculties taking years in British Columbia under the jects of the other faculties strictly what is practically the same course. auspices of McGill University. It is the second. The student who is pre- (2) Foreign languages, like French also the oldest of all the Faculties paring for a profession doubtless re- and German, have a value for utility included under the University name, ceives a considerable amount of gen- as well as for culture, but whether

for it can trace a direct connection uine culture from the courses he is they are pursued with one or the with the schools of higher learning required to follow, and it is certain other aim in view, it is the same that the ordinary student for the language which is studied, based on of the later Roman times.

Age is, however, no recommenda- Arts degree acquires a considerable the same grammar and involving the tion in itself, and the Faculty of Arts amount of information, and develops same idigm.

and Science has no disposition to as-habits and attitudes which are (or at (3) Professional training at the sume any special dignity on that ac- least, can be) of much use to him in present day tends to begin with count. It rests its claims for consid- the calling he shall later follow in studies which are quite general in eration and support solely upon the life. The absence of any strict line their nature and scope and, graducontribution which it makes to mod- of demarcation between the cultural ally, to direct the student towards ern life and the part it necessarily and the vocational in the local Uni- activities and pursuits which are plays in any well-organized scheme versity may be illustrated by a num- more and more technical in characber of facts taken directly from the ter. In the earlier studies the culof modern learning.

If one cared to use the terms "Cul- University calendar. tural aspect is emphasized and in the (1) Many subjects, such as Bae- later, the vocational, but both aspects tural" and "vocational," he would, I suppose, speak of the Arts courses teriology, Botany, Chemistry, Econ- are present throughout. A graduate (so called) as cultural, while the omics and Mathematics may be pur- in engineering is always, then, somecourses in professional or semi-pro- sued either out of a desire for know- thing quite different from a "glorifessional faculties, like law, medicine, ledge or as a means of equipment for fied " plumber, to use the term that

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#### THE BRITISH COLUMBIA MONTHLY

was once disparagingly applied to "glorified" farmer.

Since the Arts Faculty is the home of the pure sciences, it furnishes the common ground in which are rooted the disciplines of the large group of professions based on these sciences, and since it is the home of philosophy, history and the social sciences generally, it furnishes the necessary basis for all those professions which deal directly with human nature and human society."

After these rather abstract remarks it may be in order to speak in some detail of the Faculty of Arts and Science in our own University in the light of the ten years of its history.

Such a faculty is, in many other institutions, known simply as a Fac- difficult, and in many cases lectures ulty of Arts, and the words "and had to be repeated again and again year's Teacher Training Course for Science" are added\_in the case of simply because a sufficient number University graduates, conducted by the local institution to indicate the of lecture rooms capable of accom- arrangement with the Provincial Deinclusion within the scope of the Fac- modating large classes could not be partment of Education. This course ulty's activities of instruction in the found. so-called pure sciences. These are, in the order in which the calendar sics and Zoology.

him; and a graduate in Agriculture to use the word "phenomenal" to been two very hopeful developments is certainly something more than a indicate the rapid growth of our in- within the Faculty. One is the esstitutions and industries. While the tablishment of the summer sessiongrowth of the Faculty of Arts has a six weeks' course for teachers and not been phenomenal as compared others who desire to pursue univerwith certain American institutions, sity studies and who cannot attend it has been steady and, on the whole, during the winter session, or who quite remarkable. It has risen, year have winter session deficiencies to by year, so that the enrollment, which make up. Beginning with a regisin 1915 was a little over three hun- tration of 127 in 1920, it had last dred, has now passed the eleven hun-summer a registration of 395. With dred mark. This makes it, when the removal to Point Grey the sumcompared with similar faculties in mer session should prove even more other Canadian universities, second attractive than it has been in the only to that of the University of To- past, and should appeal particularly ronto.

> It was upon the Faculty of Arts combine summer study with recreaand Science that the overcrowding tion. It is not impossible that in a in the old Fairview buildings pressed few years' time the summer session most heavily. Class-rooms were con- may overshadow, in point of numbers gested to an extent which made com- attending, the winter session. fort impossible and good teaching

In our new quarters, however, our province, since it provides a very usefor the present year enumerates present needs are amply provided ful centre for the study of current them: Bacteriology, Botany, Chem- for, though it is remarkable what a educational problems and a very useistry, Geology and Geography, Phy- small margin we have for future ex- ful clearing house for educational pansion.

We in the West have the tendency Within recent years there have to visiting teachers and others from the prairie provinces who desire to

A second development is a one should note a very real contribution

to the efficiency of the schools of the ideas.

### A Crofter Schoolmaster: A Contrast with Educational Conditions of To-day By Eric Duncan

the general ignorance.

Though education in Scotland schoolroom; the other, and the up- he took hold of half a dozen crofts from the days of Knox had been un- per story were for the teacher and in the adjoining parish, as a much der control of the Established his family. The first teacher was more congenial occupation. After Church, and though, generally John Thomson, who came from the him there was a long interregnum speaking the "Auld Kirk" had isles some fifty miles north of our reaching to my own time. done well, yet conditions in the re-parish. He had a stiff knee-joint. When I was about five, my moter isles left much to be desired, which gave him what was called a father combined with two or three In the time of my\_grand-parents "straight leg," so that he limped neighbours to engage the hunchback there was no school in their parish in walking, which probably account- son of the laird's gardener to teach at all, and any slight knowledge of ed for his choice of a calling, as it their children at his home. This reading which they had came unfitted him for the more strenuous poor fellow, who helped towards through the minister. The Rey, but better paid work of a fisherman, a living by tailoring moleskin suits Walter Mill, who held the charge of He knew nothing and taught no- for men and boys, was even worse Dunrossness during most of the thing but the simplest of neading than Thomson. He had the tradieighteenth century, was a very de and writing, and the first four rules tional tawse, which he wielded voted man, and used to catechise of arithmetic, his strong point be-vigorously enough, but most of the people at their homes. But his ing a good knowledge of farming, what we learned from him we had parish was large and scattered, and This man killed a fat cow for his to "unlearn" afterwards. For inhis efforts made small impression on family every winter, he had blocks stance, he taught us to sound the and tackle fixed to the ceiling of "1" in every word we came to, so the school hall for use in this line. that with him "could, would, and and a special punishment for re- should" were "cooled, wooled and fractory boys was to hitch this shooled." tackle under their armpits, hoist In 1865 our real schoolmaster them aloft, and then attack their came and like Thomson, he was a bare feet with his "tawse." He . The "tawse" was a thick per story or loft, which had sky- stayed only a few years and then. leather strap slit at one end into lights. One compartment was the as his family grew up fit for work, fingers.

In my father's boyhood the heritors (or landed proprietors) were at last constrained to build a school. a plain stone building 20x40, with grey slate roof. It was divided into two compartments and an up-

very different man. By some means versity-trained teachers in Scotland, with spelling, the more advanced (I think, helped by the minister of the master had probably been an giving the meanings of the wordsand he was a credit to it. Besides two drawbacks, which will come up objected to this. They knew that of school hours. His handwriting the same words?. was splendid, almost like copperplate, so that he used to set copies and then the Old Testament lessons for the boys himself on quires of for the older pupils. These lessons foolscap, which he furnished him- began with Genesis and Exodus, self at half the price or ordinary passing thence to 1 Samuel, and copy-books (quite a consideration continuing to the end of Ecclesiasthen) but none of his imitators ever tes, whence they returned to Geneequalled him.

another island, and when he came pupils, which were confined to the to us, he was a married man of 30 Gospels and Acts. These scripture with two small children. He was readings were accompanied by questall and dark, with bushy hair and tions and comments from the master. supertuous flesh on his bones. Be- ond book, third book, fourth book, had been taken out of the school, as a separate class; and then the hour's the whole building was now wanted play at noon, when the boys usuas a schoolroom, and a temporary ally had football, sometimes superbeing built. While he was thus lo- The master also made an enormous

teach them the art of navigation out Exemplar pray three times, saying the Scripture lessons.

After prayer came the roll-call, prayer. sis again. Then followed the New He had taught for some years on Testament lessons for the younger whiskers, and without an ounce of After them came the first book, secfore he came, the partitions and loft fifth book, and sixth book, each in residence was secured in a nearby intended by the master, and the hamlet while a house for him was girls were left to their own devices. eated, an epidemic of typhus fever kite of oilskin stretched on a wooden. went through the parish, in which frame, the string being strong fish he lost one of his children and he line, and this was once left in charge. himself had a close call. When he of a big boy, who tied the string was settled, his salary was fixed at around the waist of a small one, and 60 pounds a year, with house and the wind being strong, he was cargarden and a croft of two acres, ried yelling far over the fields, givwhich he worked out of school hours, ing us a good run to capture him, ted cheque on a chartered bank, payable to the He kept two cows, which pastured Sometimes we were allowed (Tom on the parish common, also some Sawyer-fashion) to help in the weedhens and a flock of geese. The ing of the master's garden, and thus Canadian National Railway Company will also be school year included three weeks see the wonderful flowers that he accepted as security, or bonds and a cheque if holidays in spring, and the same in contrived to grow, and on rare ocharvest, giving master and scholars casions we went half a mile off to a enance for work on their respec- 'the sea-beach for a bathe, but were

native of the North isles, but a the Lord's prayer; for like all uni- Then followed the other classes, his parish) he had managed to get aspirant to the pulpit of the Estab- and then, the shorter catechism. My through the University of Aberdeen, lished Church, though precluded by parents, though Dissenters, never what the ordinary country school- later. And here let me say that in spite of minor faults, its influteacher is supposed to know, he though Scotsmen generally object ence for good on many generations was a good mathematical scholar, to forms of prayer, or "prayer had been second only to that of the with Gunter scale, sextant, and from a book," yet each man in- Bible. And it did us no harm, though other tools of the calling. And am- variably falls into a form of his bough most of it was beyond us bitious young sailors, home for the own. And why not, if the heart then, and the master offered no exwinter, used to pay him a trifle to goes with it? Did not our Divine planations as he sometimes did on We were dismissed at noon with the usual

To Be Concluded



SEALED tenders addressed to the undersigned and endorsed "Tender for Boat House, Torpedo Depot and Boat Slips, Esquimalt, B. C.," will be received until 12 O'CLOCK NOON (daylight saving), TUESDAY, JULY 6, 1926, for the construction of a Boat House, Torpedo Depot and Boat Slips at H.M.C. Naval Dockyard, Esquimalt, B. C.

Plans and specification can be seen and forms of tender obtained at the offices of the Chief Architect, Department of Public Works, Ottawa, the Resident Architect, Department of Public Works, Victoria, B. C., the Clerk of Works, Department of Public Works, Vancouver, B. C. and the Caretaker, Public Building, Esquimalt, B. C.

Blue prints can be obtained at the office of the Chief Architect, Department of Public Works, by depositing an accepted bank cheque for the sum of \$20.00 payable to the order of the Minister of Public Works, which will be returned if the intending bidder submit a regular bid.

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Each tender must be acompanied by an acceporder of the Minister of Public Works, equal to 10 per cent. of the amount of the tender. Bonds of the Dominion of Canada and Bonds of the required to make up an odd amount.

> By Order, S. E. O'BRIEN,

apt to stay too long. tive crofts. Department of Public Works,

Every morning before school The afternoon session started with opened, the master stood at the the first book on to the sixth again. to see that each pupil on en- thence to the "Progressive Lessons" tering, threw a peat into the porch and "Advanced Reader," and geofor the day's fire, and any one ne- graphy and grammar classes, and gleeting this, had to bring two the ending with prayer. The evening following day or else be punished. prayer was shorter than that of The morning exercises began with the morning and contained two peprayer, during which all stood with titions-"Carry us to our homes in bowed heads, while the master's peace, be with us in our retireopen eves kept vigilant watch, and ments,"-which I always connected woe afterwards to the boy who with the poor man himself. made a disturbance. It was the Such was the curriculum from usual "long prayer" of the Presby- Monday to Friday inclusive Saturterian service, made up of quota- day being only-a half-day, was diftions from the Psalms, as well as ferent. It began as usual with praypersonal petitions, and ending with er and the two scripture classes.

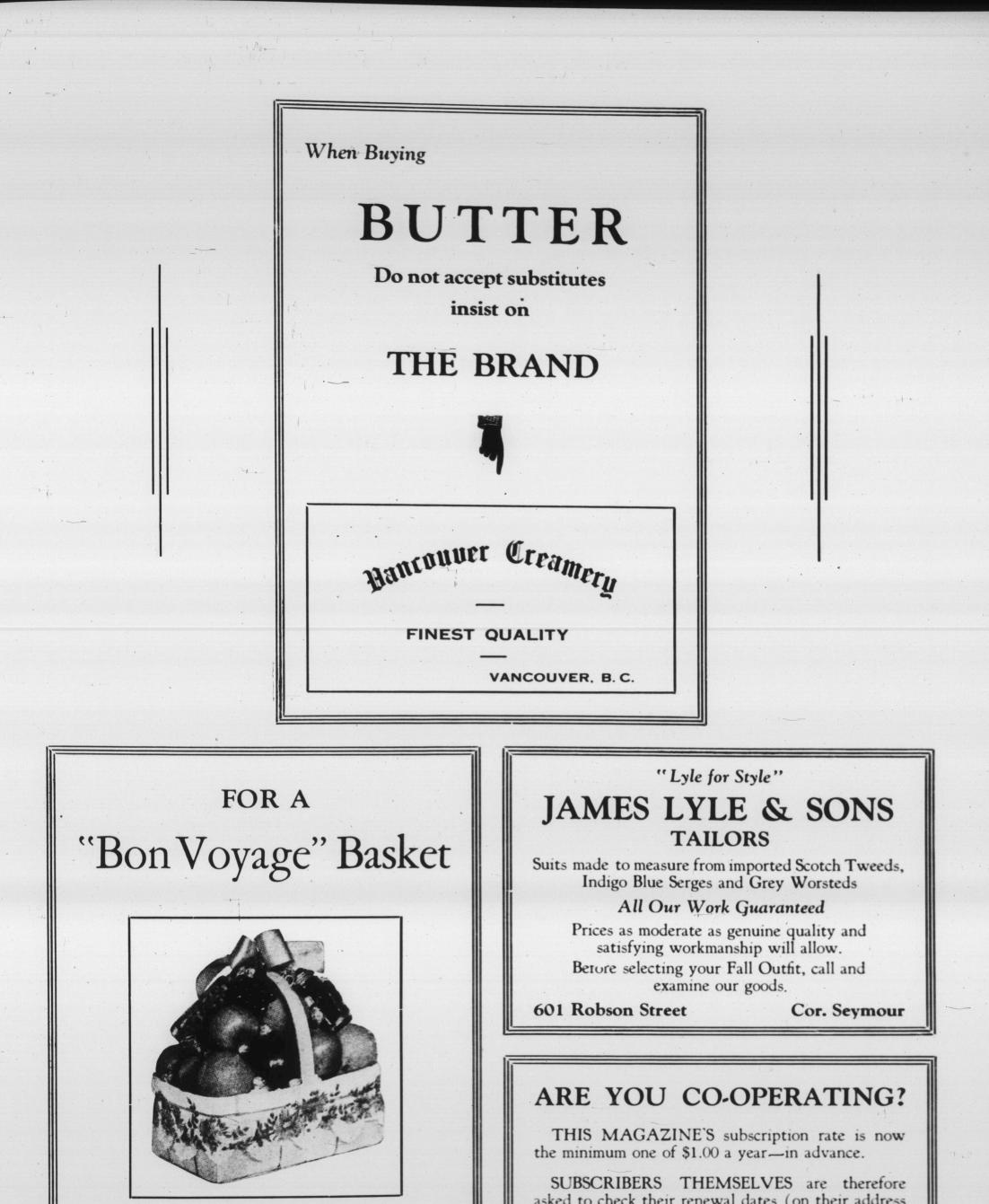
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"WORLD WIDE," published in Montreal, is well-known throughout the Dominion as a periodical claiming to contain "A Selection of the Ablest Articles from Leading Jour- which we quote:nals and Reviews Reflecting the current thought of both hemispheres."

ledge regarding Western Canada, an in- inter-Empire interests and affiliations. genious idea is promulgated in a leading editorial dealing with the matter of U.S.

"If they will, our Canadian newspapers

service as well as the promotion of know- country and Empire first, and foster

"Otherwise, if nothing is done, it may periodicals in the Dominion, a part of not be amiss to raise the question-if a loyal Britisher may raise it academically -Does Canada face annexation by the United States? If, as a Canadian corres pondent whose communication we pub lished some time ago, alleged, the result would at once be a largely increased pros perity to Canada, with immense devel opment of Canadian resources by large influx of capital and population from the United States, then this may become pertinent reflection: If British Imperi ties are not maintained and strengthene. by inter-Empire development, economic ally and otherwise, who shall say wha may happen in the not distant days In this enterprising and well-edited-merous United States affiliations with Throughout the Empire let Britons a

In a recent issue "World Wide" not only did us the honour of using some of our personally selected literary quotations appearing under "Book Guests and Quests," but under the caption "AN INGENIOUS IDEA" published the followingwhich it may not be out of place to repeat verbatim:

can help Canadian Magazines in more ways than one. After all, all we want is a fair field in our own country ... We question whether the time is not ripe for the Canadian Clubs of Canada, and other organizations with aims in sympathy with CANADIAN NATIONAL DEVELOP-MENT, to organize, advertise and extend AN ALL-BRITISH ORGANIZA-TION, or community of organizations, provincially and otherwise, which shall in no way interfere with the good will and good feeling engendered through the nu-

little monthly, devoted to community Canada, but none the less put our own wake, think and act Imperially !

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