

STRIVING TO CURE INSANITY

Work in British Columbia Along
Highly Scientific Lines —
Annual Report of Medical
Superintendent

The fortieth annual report of the British Columbia hospital for the mentally afflicted, which was laid on the table of parliament a few days ago by Hon. Dr. Young, is more than usually interesting as an official publication. It not only presents the customary and very comprehensive array of facts and figures indicative of the extent and nature of the institutional activities for the year under review, but also in a manner takes the public into close confidence. It affords at least a superficial realization of the intricate and exceptionally thorough practice in the treatment of each individual case, going back generations in order to approximate the influences of heredity and following step by step with infinite patience the history of the patient in order that no slightest point may be missed in diagnosis which might possibly augment the chances of cure. The application of the most modern and proven best methods of medical science in the treatment of the mind diseased, so that British Columbia's care of this class of unfortunate may stand as an object lesson to the world is apparent throughout the document.

Official publications, institutional annual reports, and more particularly reports of insane hospital administration, are usually shunned by the vast majority of readers as dry-as-dust matters of record, necessary perforce in the scheme of government, but strictly to be shunned. This one particular report, at least, contradicts this popular impression, and all who take an interest in modern humanitarian endeavor should ask for and read this little fifty-page booklet, for only for the glimpses it affords of the thoroughness and scientific character of British Columbia's methods in treatment of the insane.

Cases Treated in 1911
This year's report of the hospital at New Westminster, which is well known as the Cointinuit Retreat—embracing, as usual, a full account of all the operations of the institution, including a close record of all movements in hospital population, as well as a detailed account of all revenues and expenditures during the year. In order to facilitate a more ready comprehension of the data given in the tabulated portions of the report, a resume, and summary may be here presented: At the close of the year the patients under care numbered 690, of whom 500 were men and 190 women, an increase of admissions over the previous year of fifty-two. Of the admissions, 145 were suffering from a first attack, fifty from a second, and eleven from a third. In 110 cases it was impossible to ascertain the number of attacks, but it is probable that a portion of these were recurring cases. Of those admitted, 123 were married, twelve were in the widowed state, 170 had never been married, while in eighteen cases it was impossible to ascertain the civil state. In religion 211 were Protestants of various denominations, 90 were Roman Catholics, eighteen were heathens, and in thirteen cases the religious belief could not be ascertained. The total number discharged for the year was 181, as much as that adopted in his hospital in carrying patients over the crisis of pneumonia, or that adopted by him in the application of splints in the treatment of a fractured leg.

In fact, if he has been properly shown through the mental hospital, I think he will admit that here it requires, to a much greater extent, an insight and knowledge of the individual and of human nature seldom called for in the conduct of a case of bodily illness. During the year, 332 patients received such treatment as described above, while the percentage of recoveries as a result was 19.57, those discharged as improved being 27.4.

"In respect to hydrotherapy, much attention has been given during the past year to this most useful method of treatment. More than ever am I convinced of the efficiency of continuous baths and wet packs, and now hardly an acute case enters the hospital who is not given a shorter or longer course of this treatment. During the year we installed an additional hydrotherapy plant in our refractory-female ward, and this too has given splendid satisfaction and is a great assistance in the routine handling of sub-acute cases. On the male side, Mr. A. G. Beaton has again had complete charge of our plant, and has handled this department to our entire satisfaction.

"The attractive grounds and well kept lawn, thanks to our chief gardener, Mr. House, were a constant source of pleasure to our large household during the summer, and were taken advantage of for the holding of fortnightly band concerts during the season. During the winter months, concerts, dances and other entertainments were held weekly and were much enjoyed by all. Under the guidance of their attendants, and of the actual work in the shops and upon the garden of the farm was intelligently performed by those of our number interested in the quiet pursuits of out-door life. The detailed report of the farm at Cointinuit is abundant evidence of what patient labor can do, while if you refer to the table on recoveries you will appreciate the advantage to patients of such labor. The pathological laboratories, established three years ago did excellent work during the past year, this department having been conducted by Mr. F. P. Hughes, late of the British Entic and Dysentery commission.

Per Capita Cost
"In the matter of expenditure, you will notice that the per capita cost has risen slightly. When you take into consideration, however, that our patients were supplied with clothing, food, medical

care, treatment and nursing, and that all furniture and equipment, where necessary were replaced, and that the buildings were maintained, heated and lighted at an actual cost of \$4,377 cents per day per patient, I think that you will readily recognize that no extravagant waste could have occurred. Our previous year's cost was only \$0.55 cents, but during last year much new furniture was required for the farm cottages and new temporary buildings at Cointinuit, for which no provision had been made in the estimates and which, accordingly, had to be charged to our general vote for maintenance."

Attached to Dr. Doherty's general report for the year is a series of tabular statistical abstracts showing the average number of patients in residence for each year since the hospital's establishment in 1872 with the total amounts spent for maintenance and the per capita cost, analyses under their various headings of the annual expenditures since the hospital's inception, abstracts of revenue (that of last year, \$30,000.00, establishes a new record, leading 1812 the next best year, by more than six thousand dollars), home farm and garden produce, etc.

Colony Farm
Referring particularly to the results obtained at the Colony farm during the past year, Dr. Doherty declares that they have been most encouraging, the crops raised exceeding the most sanguine anticipations, "some 230 tons of hay, 130 tons of potatoes, 125 tons of oats and over 100 tons of mixed roots comprising our crop, to say nothing of green feed obtained for the dairy cattle and young horses."

The farm buildings have been completed, and the group, as now composed, is conceded to be the best in western Canada. With the permission of the department, in order to obtain an unquestionable opinion as to the exact quality and standing of our stock, some fifteen head of stallions and brood mares, and some twenty head of dairy cattle were shown in competition at the Dominion fair held at Regina, Sask., early in July. For results I refer you to the various Canadian and American stock and farm journals, all of which agree that British Columbia, represented by the Colony farm, furnished the surprise of the year, winning over twenty prizes, including five championships, and three grand championships.

The aggregate work done by Colony farm patients during 1911—on the farm, cutting wood and clearing land; in the kitchen, dining-room, stables, wards or houses; and with the engineer, the carpenter, the surveyor, the plasterer and the teamster represented a total of 27,075 days. The value of the farm products for the year is placed at \$24,065—grain, \$4,325; roots \$4,160; dairy products, \$3,230; horses, \$1,000, and miscellaneous \$5,350.

A secondary series of statistical tables accompanying the report shows the operations for the year in summary form, the operations of the hospital since its inception, the admissions, discharges and deaths in 1911; the civil state of all admitted patients; the religious beliefs of these admitted cases; the varying degrees of education, the nationalities, contributing districts, occupations, ages, attacks, alleged duration of attacks, hereditary records, forms of mental disorder, bodily conditions at admission, prognostics and their results; alleged durations of insanity preceding admissions, lengths of residence in the hospital, deaths and certified causes, etc.

In the alleged exciting causes of insanity, heredity still plays the foremost part, there being of a total of 332 cases under observation, 52 of ascertained and 87 of inferred hereditary taint, or more than 35 per cent. Misuse of alcohol is held blameless next in position, in 67 cases; old age in 24 and overwork in 22—all others straggling.

QUEBEC MOVES FOR GOOD ROADS
Premier Gouin Gives Notice of Resolutions Looking to Creation of New Department of Government

QUEBEC, Feb. 16.—Important resolutions were given notice today by Premier Gouin on the creation of a new department of rural roads, to be under the jurisdiction of the minister of agriculture, Hon. Mr. Caron.

This has become especially necessary in view of the good roads movement which the government has inaugurated. The government's plan constitutes the most ambitious programme for good roads which it has ever undertaken, and to carry it out properly, a special road department will be required, both for new roads and for better management of the existing system.

Turks Shell British Cruiser
ADEN, Feb. 15.—The British cruiser Dido was recently shelled by the Turkish fortifications near Perim. The Dido evidently was mistaken for an Italian warship. Her commander was not aware of the blockade and steamed close to the fortifications.

The Skidgate Inlet Conservative Association has passed a resolution strongly condemning the practice of the past in the issuance of fishing licenses.

An Italian named F. Cortit was drowned in False Creek last week while, with Leo Wilson, he was endeavoring to escape arrest for theft.

Captain P. H. B. Ramsay has been re-elected president of the Chilliwack Liberal Association.

Harry S. Rolston of Vancouver is the first president of the International Circuits Association, having jurisdiction of the Rocky Mountains in Canada and in the United States.

Strong efforts are being made by the Over Seas Club at Nelson to induce General Sir Robert Baden-Powell during his approaching visit to America.

Angus Campbell & Co., Ltd. 1008-1010 Government St.

A Complete New Stock OF CORSETS

Being the very latest styles in none but reputable makes, such as "American Lady," "Nemo," "Redfern," "Warner" and "W. B."



Observe the graceful contour of the above "AMERICAN LADY" Corset model.



These bags of semi-elastic Lingerie reduce the waist and produce extreme figure-reduction with perfect ease, standing or seated.

NEMO MODEL 319—Splendid model for short stout figures. Has self reducing front. Note the illustration above.

EVERY lady should have due regard for the protection of her health and she can more intelligently do so by having a corset that meets the requirement of her particular figure and learning how to properly adjust it. In assembling our NEW STOCK we have models to suit every figure and at prices conveniently ranged as follows:

"REDFERN'S" CORSETS, EACH \$5.75
"WARNER'S" CORSETS, FROM \$2.75

"NEMO" CORSETS, FROM \$6.50 to \$2.75
"AMERICAN LADY" CORSETS, FROM \$6.50 to \$1.50
"W. B." CORSETS, FROM \$6.50 to \$1.75

Further details of the above Corset lines will appear during the week

Unprecedented Bargains In Our Whitewear Sale

CORSET COVERS
Ladies' Corset Covers, embroidery trimmed. Whitewear Sale Price, 25¢
Ladies' Corset Covers, lace and embroidery trimmed. Whitewear Sale Price, 90c to 30¢

DRAWERS
Ladies' Drawers, with deep tuck grill. Whitewear Sale Price, 20¢
Ladies' Drawers, embroidery and lace trimmed. Whitewear Sale Price, 75c to 40¢



NIGHT GOWNS
Ladies' Night Gowns, high neck, slip-over style, lace and embroidery trimmed. Exceptional values at Whitewear Sale Prices, from \$1.25 to 75¢



UNDERSKIRTS
We had an unusually big stock of these at the commencement of our sale, with the result that there are many great values left at Whitewear Sale Prices, ranging up from \$1.00.

EXQUISITE SAMPLES
The remaining lines of our Exquisite Lingerie Samples are very limited, and in them are represented the very highest qualities in the loveliest undergarments we have ever shown.



A LATE SHIPMENT
We have just received another large shipment of Ladies' Lingerie which will be on display tomorrow (Monday.)

We, ourselves the better
serve by serving others
best.

Campbell

We, ourselves the better
serve by serving others
best.

CAPITAL WAITS FOR INVESTMENT

Chairman Hedley of Mining Institute Makes Statement at Vancouver Meeting—Coal Basin at Groundhog

VANCOUVER, Feb. 15.—There was a good attendance at the meeting of the western branch of the Canadian Mining Institute at the board of trade rooms here today.

Mayor Findlay welcomed the visitors, Chairman Robert Hedley stated that there was a volume of outside capital waiting investment in British Columbia mines, and prophesied large benefits from the railway construction in the province.

On motion of Mr. E. Jacobs, a high tribute was paid to the memory of the late John B. Hobson, who was largely responsible for the successful development of the Cariboo placers.

Mr. W. Fleet Robinson, provincial mining inspector, gave a report on the mineral production of British Columbia for last year.

Mr. G. S. Malloch, of the Canadian geological survey, gave notes on the Groundhog coal basin, through which it has just been announced that the provincial government will make a preliminary survey for a railway line, his information tending to show that the coal areas were extensive, and with development would undoubtedly allow great commercial possibilities.

Prince Rupert's Liberal Association has been reorganized with Dr. W. T. Kergin as president, A. M. Manson and H. P. Campbell vice-presidents, and P. W. Anderson, secretary-treasurer.

Gerrard wants a fish hatchery. Many complaints are made as to the absence of cutthroat trout in East Kootenay streams. Killing trout with quicklime appears to be a common practice and a growing one.

Pre-emptors in the vicinity of Fort George are making good trapping this winter. Many of them will realize enough on their winter packs of furs to pay all the expenses of their first winter in the country in which they have taken up their new homes.

Bears on the north fork of the Kettle river have already emerged from their winter quarters, from which an early spring is predicted.

While splitting kindling recently, Dr. Gomm of Sandon unintentionally performed a surgical operation, cutting off the index finger of his left hand.

George Robertson, a professional blaster, met a frightful death at South Vancouver last Thursday through the premature explosion of a charge of dynamite.

Although two witnesses swore positively that they had seen Levi Wilson strike Angelo Delivers over the head with an iron bar, the coroner's jury at Vancouver returned a verdict that Delivers was "found drowned." There were no marks whatever on the head or body.

The case against Wilson, charged with the murder of the dead Italian, will nevertheless be proceeded with in the criminal courts.

Residents of the interested district are urging the necessity of telephone communication between Lytton and Cadwallader creek mines, with an extension on to the Pemberton Meadows.

The Indians are shooting many sea lions at Digby Island.

FIVE INJURED BY EXPLOSIONS

Fire in Dyeing and Cleaning Shop at Nelson Has Disastrous Results—Five Men Seriously Burned

NELSON, Feb. 15.—A fire broke out today in the shops of the Cranbrook dyeing and cleaning works, and in two explosions that quickly followed Geo. Powell, the proprietor, and an employee were seriously burned.

The fire brigade was summoned and a third explosion occurred just as the brigade arrived.

Chief Foster and two other members of the brigade, Pat Garvey and Walter Soeden, were injured and had to be taken to the hospital.

The building was saved, and Chief Foster, although suffering much pain, attended another fire half an hour afterwards.

The Nicola Valley board of trade has elected officers for the year as follows: President, A. R. Carrington; vice-president, N. J. Barwick, and secretary-treasurer, H. H. Matthews.

The associated boards of trade of the Okanagan are requesting the provincial government to divide the Okanagan district into three constituencies, giving each a member.

Ed. Bowman, employed at the C.N.P.

construction camp No. 2, near Lytton, was killed last Tuesday by falling over a steep cliff.

The Canadian Bank of Commerce has opened a fifth Vancouver branch, with G. A. Forster, from the San Francisco office, as manager.

Those high power wires at New Westminster are to be raised at once to a height permitting the uninterrupted passage of shipping.

A single order for \$28,000 worth of bacon, hams and butter was placed last week with a Vancouver traveller by T. W. Bros. of Ashcroft. With this order was one for 800 pounds of tea and coffee. The supplies are required for C. N. P. construction camps.

Grand Forks proposes to spend \$5,000 on its new agricultural fair grounds and buildings.

Fort George will hold an autumnal fair.

In less than an hour at Fort George arrangements for the opening of a temporary hospital were completed.

In making preparations for a permanent institution for the relief of the sick and the suffering the committee secured a foundational subscription of \$15,000 from the Natural Resources Security Co., Ltd., conditional upon the usual government co-operation.

Garcia, Jacobs & Co., of London, state that they have a market for 10,000 boxes of Okanagan apples daily, a market based on the established reputation of British Columbia fruit for quality.

C. P. R. surveyors are at Yale locating the line for the second track between that town and Appleton.

A new federal building is to be erected at Ashcroft.

The Cumberland Islander has again changed hands, the purchaser being W. R. Dunn, formerly of the News, and T. R. Bate. It is stated that the centre of publication will be removed to Comox.