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STRIVING TO

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 fol-lowing 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 unfortunates may stand out 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 matthe 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 fiftypage booklet, if 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-it will soon be known as the Coquitlam Retreat-embraces, as usual, a full account of all the operations of the institution, including a close record of all movements in hospital copulation, as well as a detailed account of all revenues and exto 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 100 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. certain 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, 179 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. Of these 65 were discharged as recovered, 91 as improved and 23 as unimproved. Two were discharged as not insane. The percentage of recoveries,

admissions, is 19.57. "While no distinctive epoch, marks the history of the institution for last year," writes Dr. Doherty, the medical superintendent, in his resume for 1911, "the policy of the hospital along the lines of a progressive inquiry has been maintained, greatly aided by the spirit of earnest and zealous endeavor on the part of all the officers and staff to advance and enlarge its usefulness in the special branch of work for which the institution was established forty years ago. The prospects of useful work in the treatment of our mental cases in this province were never so bright or so full of promise as today. The hospital is now receiving the closest attention of the many keen intellects of our provincial cabinet and members of our provincial legislature, without whose assistance in the supply of facilities all

our efforts would be without avail. "The average outside practitioner may be of the opinion that the success of an institution depends entirely upon the man directly in charge, and upon the rational methods adopted by him in his means of management, diagnosis and treatment. True as this is to a certain extent, for the fundamental principles on which the general treatment of mental cases is founded are to some extent the same today as in the past, still there is an everchanging routine in the practice of all medicine, but particularly in this the case in the branch of psychiatry, and even still more so in the methods of management and treatment of the dependent insane in public hospitals; and it is just here where the medical superintendent and his assistants find themselves entirely helpless unless they have as superior officers men largeminded enough to grasp the situation. and sufficiently conscientious to see

hat the financial assistance is includin their yearly estimates.

Great Personal Interest

While probably in Canada there is not yet an institution in which the quipment measures up to all demands of the clinical service as the several superintendents, would have it, still this is no reason why our new hospital, at Coquitlam should not do so, and thanks to Hon. Dr. Young's great personal interest and energetic efforts, I am inclined to think that British Columbia's new mental hospital, now rapidly nearing completion, will approach more nearly the ideal standard than any other Canadian hospital yet constructed. Here we will have buildings

of the very best possible construction absolutely fire-proof throughout, with separate buildings for the chronic cases, comprised of large, airy dormitories and single rooms; with dayrooms, all of which have natural light from three sides, are artificially ventilated, and each of which opens out upon a comfortable solarium. The acute buildings are splendidly adapted for the reception, examination and proper treatment of those acutely insane; while the hospital pavilions for the treatment, medical and surgical, of those physically ill, I think will compare with the most up-to-date general hospitals in this Dominion. Another feature worthy of mention is the isolation hospital for tubercular and other cases, which is admirably laid out for the purpose for which it is in-tended, as also are the buildings for manual arts and crafts training, with all the needs which experience has dic-

"Given such an equipment, it certainly behaves us all to form the highest ideals of the particular part which each is to play in the carrying to success of his or her special duties in this new hospital. Now, by ideals, I do not associate my views with any slovenly or weak sentimentalism or corrupting counterfeits; I mean the real sentiment, the rational instinct for service; no star-gazing or crystalreadings, but work. In our new hospital, let our ideal be application of imaginations to realities, the greatest of which will be the patient himself."

Work of Alienist,

"Before outlining our general routine of treatment for the past year," continues Dr. Douherty in his annual report addressed to the minister, "I wish again to assure you that humanity has always taken the first place, both where the care and treatment of those acutely insane as well as where the happiness and welfare of those chronically afflicted, were concerned. Much mistaken sentiment exists, not only among laymen, but very often, also, even among general practitioners and surgeons, that where a person recovers from insanity 'he gets well him-self'; that is, unlike other diseases, medical interference has little effect in curing the patient. How absurd, for, as a matter of fact, this is not a whit more true of mental cases prop erly handled than it is of most physical diseases in which recovery takes place. Let the house surgeon from any general hospital go into the offices of a modern mental hospital, and he will find that the diagnosis are not by any means haphazardly undertaken, he will find the alienist with his bacterologist and clinical clerks diving into histories and making examinations so thorough that he is astounded. When shown the charts of the hospital's patients, he will ascertain how thoroughly the family and personal history of each patient is secured; he will notice that the history of the present illness shows step by step the patient's approach to mental unbalance. If he looks a little further, he will notice charts acquainting him of all var-

tice charts acquainting him of all variations of body-temperature and blood-counts, and variations from normal of all secretions and exerctions. Take him into the acute wards and let him see for himself the precautions taken in feeding manlacal cases in order to support strength against exhaustion; let him see the production of quietude of mind and sleep by baths and other proper sedatives; let him see the upbuilding of nutrition by forced feeding. building of nutrition by forced feeding and suitable tonics; and, if not yet sat-isfied, take him into the shops, or bet-ter still out to the farm, and let him witness the arousing of the sluggish and the diversion of the depressed mind by occupation, and he surely will be by this time disillusioned and will recognize that our treatment is purely medical and surgical treatment, just as much as that adopted in his hospi-tal in carrying patients over the crisis of pneumonia, or that adopted by him

In fact, if he has been properly shown through the mental hospital, l think he will admit that here it requires, to a much greater extent, an insight and knowledge of the individial 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 continious baths and wet packs, and now hardly an acute case enters the hospital who is not given a shorter or onger course of this treatment. Dura ing the year we installed an additional hydrotherapeutic 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 omplete charge of our plant, and has handled this department to our entire

"The attractive grounds and well kept awn, 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, much 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 Coquitlam 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 hree years ago did excellent work during the past year, this department hav-

late of the British Enteric and Dysen-Per Capita Cost

ing been conducted by Mr. F. P. Hughes

"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, fiedi-

cine, 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 54,37 cents will readily recognize that no extrava-gant waste could have occurred. Our previous year's cost was only 50.5 cents, but during last year much new furniture was required for the farm cottage and new temporary buildings at Coquit-lam, for which no provision had been cordingly, had to be charged to our general vote for maintenance."

port 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 establish ment 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, ab stracts of revenue (that of last year, \$30,100.20, establishes a new record, leading 1910, 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 buildngs 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 our 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 Cana-dian 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 s placed at \$24,065—grain, \$4,325; roots \$4,160; dairy products, \$8,280; horses \$1,000, and miscellaneous \$6300.

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, dis state of all admitted patients; the religious beliefs of these admitted ones; the varying degrees of education, the nationalities, contributing districts, occupations, ages, attacks, alleged duration of attacks, heredity records, forms of mental disorder, bodily conditions at admission, propations and their results, alleged durations of insanity precedent to admissions, lengths of residence in the hospital, deaths and certified causes,

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 67 of inferred hereditary taint, or more than 35 per cent. Misuse of alcohol is held blameable next in proportion, in in 67 cases; old age in 24 and overwork in 22-all others straggling.

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

Premier Gouin Gives Notice of Resolutions Looking to Creation of New Department of Government

QUEBEC, Feb. 16.-Important resolutions were given notice today of 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 mevement 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

Turks Shell British Cruiser

ADEN, Feb. 16 .- The British cruise 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

The Skidegate Inlet Conservative Asociation has passed a resolution/strongly condemning the practice of the past in the issuance of fishing licenses. An Italian named F. Cortitt 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 e-elected president of the Chilliwack Liberal Association. Harry S. Rolston of Vancouver is

the first president of the International Circuits Association, having jurisdiction over all fairs and race meets west 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

CORSETS

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

VERY 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:

front. Note the illus-"NEMO" CORSETS, FROM \$6.50 to \$2.75

"AMERICAN LADY" CORSETS, FROM \$6.50 to \$1.50 "NEMO" CORSETS, FROM \$6.50 to \$2.75

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

"W. B." CORSETS, FROM \$6.50 to \$1.75

Unprecedented Bargains In Our Whitewear Sale

CORSET COVERS

"REDFERN'S" CORSETS, EACH \$5.75

"WARNER'S" CORSETS, FROM \$2.75

tour of the above "AM-

ERICAN LADY" Corset

Ladies' Corset Covers, embroidery trimmed. Whitewear Sale Price 25¢ Ladies' Corset Covers, lace and embroidery trimmed. Whitewear Sale Price,

DRAWERS

Ladies' Drawers, with deep tuck frill Whitewear Sale Price20¢ Ladies' Drawers, embroidery and lace trimmed. Whitewear Sale Price, 75c



NIGHT GOWNS

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



UNDERSKIRTS

NEMO MODEL 319

self reducing

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.



We have just received another large shipment of Ladies' Lingerie which will

We; ourselves the better serve by serving others best.



We, ourselves the better serve by serving others

CAPITAL WAITS FOR INVESTMEN

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 estern branch of the Canadian Mining Institute at the board of trade rooms

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

On moiton of Mr. E. Jacobs, a high tribute was paid to the memory of the iate 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 show great . commercial potentialities

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 resence of countless dead fish in East Kootenay streams. Killing trout with quicklime appears to be a common pracfice 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 Ket-

tle river have already emerged from their winter quarters, from which an early spring is predicated. 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 posi tively that they had seen Levi Wilson, strike Angelo Delivera over the head with an oar, the coroner's jury at Vancouver returned a verdict that Delivera was "found drowned." There were no marks whatever on the head or body. The ease 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 Lillooet and between Lytton and Cad-wallader creek mines, with an extension on to the Pemberton Meadows. The Indians are shooting many se lions at Digby Island.

BY EXPLOSIONS

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

NELSON, Feb. 16 .- A fire broke out oday in the shops of the Cranbrook dyeing and cleaning works, and in two explosions that quickly followed Geo Powell, the proprietor, and an employee vere seriously burned.

The fire brigade was summoned and a third explosion occurred just as the bri-Chief Foster and two other members of the brigade, Pat Garvey and Walter Soden, 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 after-

The Nicola Valley board of trade has eletced 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

rupted passage of shipping.
A single order for \$28,000 worth of bacon, hams and butter was placed last week with a Vancouver traveller by Trury Bros. of Ashcroft. With this order was one for 800 pounds of tea and coffee. The supplies are required for C.

to a height permitting the uninter-

N. P. construction camps. Grand Forks proposes to spend \$5,000 on its new agricultural fair grounds and Fort George will hold an autumnal

In less than an hour at Fort George arrangements for the opening of a temporary hospital were completed. In making preparations for a permanent making preparations for a permanent institution for the relief of the sick and the suffering the committee secur-ed 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 Alope.

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. E. Bate. It is stated that the centre of publication will be removed to Country.