

no and so's elixir, and 3 ozs. of somebody else's syrup and 1 doz. of List No. 3659 pills. Dispensing! pshaw! a tyro, provided he can read, can dispense such prescriptions.

The B. C. Gazette of Sept. 20th, has a minute which is of interest to druggists. The Lieutenant-Governor-in-Council has approved of the resolution passed by the B. C. Pharmaceutical Association on 13th of June last, and declared Rough on Rats, Rat Poisons, Oil of Tansey, Preparations of Cantharides, and Chloral Hydrate on Schedule A. of Poison List, and also placed Carbohc Acid on Schedule B., where it has always been as far as B. C. druggists are concerned.

Mr. Cryderman is away for four or five weeks rustivating. The firm of Dean & Cryderman is presided over by the Dean in his absence.

F. W. Hall, of the Central Drug Store, has just returned from a much needed vacation.

The drug store of Messrs. Jackson, looks greatly improved by the general rearrangement and addition of store furniture.

Messrs. Lanley & Co. make an excellent display of their various specialties at the Annual Agricultural Exhibition now being held in Victoria.

North West Territories Pharmaceutical Association.

The annual meeting of the Council of the Pharmaceutical Association, N.W.T., was held in Moosejaw, Aug. 7th, 1894.

Present, W. W. Bole, President, Moosejaw; J. G. Templeton, Vice-President, Calgary; Robert Martin and W. G. Pettingell, Registrar-Treasurer, Regina.

The Examiners' report showed that two candidates presented themselves for examination during the year and were successful.

The annual report stated that there were 54 names on the register, an increase from last year of 10. Names removed on account of death, 2. The receipts during the year were \$227.50; expenditure, \$126.00, leaving a balance in the bank of \$426.73.

The Committee on Diplomas and Poison Books reported that same would be ready in a short time and sent to the members.

A. D. Fergusson, of Wolseley, was appointed Examiner in place of William Brydon, deceased.

A motion was passed, "That in the opinion of this Council a Canadian Pharmacopoeia is not only premature but unnecessary."

John Dawson and Chas. H. Black were appointed Auditors.

The meeting adjourned to meet at the call of the President at Calgary.

W. G. PETTINGELL,
Reg.-Treas.

Perfumed air currents are now sent up in front of some Paris shop windows as a means of attracting the crowd.

Notes From England.

(From our own Correspondent.)

Now that the treatment of myxadema is considered rational and specific by exhibiting the thyroid glands of sheep in tablet pill, or extract, the pharmacist may at any time be called upon to prepare the remedy. For this purpose, Mr. Stuart's paper at the Conference will be useful. The credit for using an injection of the gland is due to Dr. George Murray, of Newcastle, whilst the late and more satisfactory method of administration *per os* belongs to Dr. Hector Mackenzie, of London. All physicians who have used the remedy are agreed that it is very powerful and must be given in small doses only, and the patient's temperature, at first, carefully watched. The analogy of this remedy to that of administering pepsin or trypsin to supply the lack of gastric or pancreatic secretion, which I pointed out in the early days of its use, is generally acknowledged, but the chances of obtaining the pure active principle still seems remote. The instant that the secretions of one gland are found of special benefit and therapeutical activity, many doctors are seized with the belief that other organs must possess similar properties. Hence the list of organic remedies prepared from ram's testicles, sheep's marrow and brains, etc. But so far the results have not proved promising and they are already falling into disuse.

Another instance of a much belauded drug falling into discredit and finally having its worthlessness exposed is afforded by Dr. Gordon Sharp in this month's *Practitioner*. Some three years ago, in consequence of several complimentary notices in the medical press of the United States, a small demand sprang up for a preparation of *Cactus grandiflorus*. As the supply of flowers in this country was limited, the fluid extract as supplied by Messrs. Parke, Davis & Co., was employed. A considerable amount of evidence was then collected by one or two of the wholesale drug houses which appeared to show the superiority of *Cactus grandiflorus* to *digitalis*. The demand then steadily increased and some firms were selling a fluid extract or tincture at the rate of \$8 per lb. ! Now, Dr. Sharp affirms, after a systematic chemical and pharmacological examination of the drug, that it is entirely destitute of action upon the heart, but that it is a slight diuretic ! Similar results were obtained with the *Cactina* fillets which have been advertised as a heart tonic, and stated to be prepared from *Cactus Medicana*.

Of recent years no two diseases have proved so fatal as diphtheria and tetanus. The new remedy, antitoxin, which is receiving considerable attention just now, is therefore worthy of some detailed description. The name, antitoxin, it should be understood, is a generic name given to toxalbumins stored up in the system after the toxins have been rendered harmless. The investigations of Buch-

ner indicate that they are direct products of bacterial cells and confer immunity on animals in specific diseases. The particular antitoxin which is now being used to procure immunity in the members of a household where a diphtheria case may be, is that of Arsensohn. It is prepared from a cultivation of the diphtheric bacilli in dog's serum, precipitating by means of aluminum hydrate, filtering and shaking the precipitate with diluted alkali, again filtering and concentrating in vacuo. It is finally preserved in the concentrated liquid state by means of a few drops of carbolic acid. Some 2 to 5 c. c. are required for injection and it is charged for here at the rate of \$1 per 5 c.c. tubes. Tizzoni's antitoxin, which has been employed in two cases of tetanus with wonderful success, costs \$5 per gramme. When it is remembered that the mortality in tetanus is 40 per cent, any thing that will combat this terrible disease will be gladly welcomed. It should be distinguished from the diphtheric antitoxin both by the name of Professor Tizzoni, and also as tetanus antitoxin. Some dozen injections, each of 20 minims, under the skin of the thigh and abdomen have recently cured lock-jaw that otherwise would most probably have proved fatal.

Although the announcement has been made in medical journals here that a representative from Canada has been having a personal interview with the pharmacopoeial authorities with the view of placing Canadian requirements before them, no further results have transpired. Indeed, judging from some of the comments of Canadian journals of pharmacy there is a distinct tendency to repudiate him, whoever he may be. The Melbourne and Victoria branches of the British Medical Association have forwarded their suggestions, which may be briefly stated as follows:—As many medicinal plants grow out of England, the present restriction as to source should be removed. Duboisine is recommended for recognition, its application in ophthalmic practice in the proportion of 1 or 2 drops of a solution, 4 grains to an ounce. Metric system of weights and measures to be adopted. This, in view of Professor Atfield's statement, is rather superfluous. That official formulæ for eucalyptus be used. That lanoline and soft petrolatum or paraffin jelly be employed for ointments and that tests for chloroform, carbolic acid, &c., be improved. That standardization be extended to other drugs, as aconite, *digitalis*, etc. A list of remedies for deletion is added and the following are recommended as additions, *chloral with camphor*, some of the elixirs and compound syrups, *B-naphthol*, salicylate of bismuth, salol, resorcin, *ichthyol*, ethyl chloride, &c. The list of tabellæ for hypodermic use be increased, and also the lozenges. Inconsistencies in dosage are pointed out, and it is finally recommended that an excessive dose be not dispensed unless it has been initialled or the attention of the prescriber drawn to it. The above list is a very useful contribution to