

A NEW SUBSTITUTE FOR QUINIA.

Among the specimens of drugs exhibited in the International Exhibition in Vienna is the *Echinoscholaris*, a plant of the natural order *Apocynaceae*. It is especially abundant at Luzon, in the province of Batangar, in the Philippine Islands; and its bark has long been used by the natives, under the name of *dita*, as a remedy in all kinds of fever. Herr Gruppe, an apothecary in Manila, has found in it an uncrystallizable very hygroscopic bitter substance, to which he has given the name of *ditaïn*. The principal Spanish physician in Manila, Dr. Miguel Zina, has given it to numerous hospital patients under his care, and has found that *ditaïn* is not only a perfect substitute for quinea, but that its use is not followed by the disagreeable results which often attend the use of quinia. It is given in the same doses and in the same way as quinia. In many cases, also, its activity as a tonic was well marked. The *ditaïn* is prepared from the bark in the same way as quinea from chincona: 100 grammes of bark give 2 grammes of *ditaïn*, 0.85 grammes of a perfectly inactive extractive matter.

A single tree yields a large quantity of bark without injuring its growth. It is calculated that the price of *ditaïn* in Europe would be about 160 francs per kilo (3s. 6d. to 4s. per ounce).—*Brit. Med. Journ.*, June 7, 1873.

PUBLIC HYGIENE AT ROME.

If it is "never too late to mend," it is never too late to begin, and the Eternal City, roused to activity by complaints of its unhealthiness, has taken steps to right itself in the eyes of the world. The Communal Council has decided that five "pharmacies" will remain open during the night, and that a physician and surgeon (double qualification) will be permanently retained at each of these pharmacies to meet, on the moment, the wants of all comers; while the Directors of Public Health have accorded a fee of five francs for each night of effective duty to the physicians attached to said pharmacies. The Directors urge upon the profession in Rome to make not a minute's delay in applying for these posts, and in lodging at the same time their diplomas as duly qualified practitioners. Such is the announcement from the Capitol, and we hope the hot haste of candidates for its tempting offer will not degenerate into an "ugly rush," or at least, that they will be able to stop themselves before taking a header off the Tarpeian Rock or into the forum. Five francs for a whole night's active duty, summer and winter! Waiters in Rome get ten francs and their supper in the season for doling out refreshments at a dancing party. On the same night the pianist earns his fifteen or twenty francs for playing to the guests (supper also included). But, for the half of the smallest of these sums, the physicians must sleep every day so as to be in readiness every night to wait upon the scores of cases that one of the unhealthiest of modern cities can supply. Verily dat Galenus opea.—*Lancet*.

The parliamentary return lately issued of the number of accidents which had occurred during the past year shows that in London, with a population of 3,885,641, there were 189 people killed and 2061 maimed or injured. In Birmingham, with a population of 843,787, there were 8 people killed and 26 injured. In Leeds, with a population of 259,212, 10 people were killed and 26 injured. In Liverpool, with a population of 493,405, 23 people were killed and 486 injured. In Manchester, with a population of 351,189, 18 people were killed and 231 injured. In Sheffield, with a population 239,946, 9 people were killed and 30 injured. In Dublin, with a population of 236,600, 23 people were killed and 227 injured. In Glasgow, with a population of 466,693, 18 persons were killed and 156 injured.

ROYAL COLLEGE OF PHYSICIANS AND SURGEONS, Kingston, in affiliation with Queen's University.

TWENTIETH SESSION, 1873-74.

The School of Medicine at Kingston being incorporated with independent powers and privileges under the designation of "The Royal College of Physicians and Surgeons, Kingston," will commence its Twentieth Session in the College Building, Princess street, on the first Wednesday in October, 1873.

TEACHING STAFF.

JOHN R. DICKSON, M.D., M.R.C.P.L., M.R.C.S.E., and F.R.C.S., Edin.; President, Professor of Clinical Surgery.
 FIFE FOWLER, M.D., L.R.C.S., Edin., Registrar, Professor of Materia Medica.
 HORATIO YATES, M.D., Professor of the Principles and Practice of Medicine, and Lecturer on Clinical Medicine.
 MICHAEL LAVELL, M.D., Professor of Obstetrics and Diseases of Women and Children.
 MICHAEL SULLIVAN, M.D., Professor of Surgery and Surgical Anatomy.
 OCTAVIUS YATES, M.D., Professor of the Institutes of Medicine and Sanitary Science.
 JAMES NEISH, M.D., Professor of Descriptive and Regional Anatomy.
 THOMAS R. DUPUIS, M.D., Professor of Botany.
 NATHAN F. DUPUIS, M.A., F.R.S., Edin., (Professor of Chemistry and Natural History, Queen's University), Professor of Chemistry and Practical Chemistry.
 ALFRED S. OLIVER, M.D., Professor of Medical Jurisprudence.
 HERBERT J. SAUNDERS, M.D., M.E.C.S.E., Demonstrator of Anatomy.

The College is affiliated to Queen's University, where in the degree of M.D. may be obtained by its students.

Certificates of attendance at this College are recognized by the Royal Colleges of Surgeons of London and Edinburgh; and either the degree of M.D. or the Licence of the College entitles the holder thereof to all the privileges in Great Britain that are conferred upon the graduates and students of any other Colonial College.

The new premises of the College are commodious and convenient. Unequaled facilities are presented for the study of Practical Anatomy, and great advantages for Clinical instruction are afforded at the General Hospital and Hotel Dieu.

Full information as to subjects of study, fees, &c., may be obtained on application to
 Dr FOWLER, Registrar, Kingston.

H. SKINNER, M.D.

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J. T. DAVENPORT therefore begs to state that Chlorodyne has baffled all attempts at analysis, the published formulae differing widely; hence the statement that the composition of Chlorodyne is known is contrary to fact. The universal celebrity of Chlorodyne is the greater reason that the public should be supplied with the genuine, not a justification for the sale of a spurious compound.

The word "Chlorodyne" is a fanciful name applied by Dr J. Collis Browne to his discovery, and the formula confided to J. Davenport only.

The following is an extract from the decision of the Vice Chancellor in the late Chlorodyne Chancery suit, *Browne and Davenport v. Freeman*:—Vice Chancellor Sir W. P. Wood stated that Dr J. Collis Browne was undoubtedly the inventor of Chlorodyne, that the statements of the defendant Freeman were deliberately untrue, and he regretted to say they had been sworn to. Eminent Hospital Physicians of London stated that Dr Collis Browne was the discoverer of Chlorodyne, that they prescribe it largely, and mean no other than Dr Browne's.—*See the Times*, July 13, 1864.

Sole Manufacturer, J. T. Davenport, 33, Great Russell street, Bloomsbury square, London.

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