

din from rhubarb, with which it seemed to be identical.

Glycyrrhizin was originally stated to correspond to a tribasic acid containing nitrogen, but the identity seemed doubtful; in the liquorice root it existed in combination with lime. *Glycyrrhizin* was not decomposed by emulsin.

Hesperidin split up into dextro-glucose and hesperetin, an ester of phloroglucinol.

Myronic acid occurred in black mustard seeds. It split up by the action of myrosin (not by emulsin or yeast) into glucose, allyl sulphocyanide and potassium hydrogensulphate.

Phloridzin was found in the root-bark of the apple, pear, and other fruit trees. By the action of dilute acids it was resolved into phloretin, and dextro-glucose, once supposed to be a peculiar sugar. Phloretin was an ester of phloroglucinol.

Ruberythric acid was obtained from madder root. It was noteworthy as the original source of alizarin into which, with glucose, it was resolved by boiling with dilute acids or alkalis. As a source of alizarin it had been displaced by artificial processes.

Salicin had been synthetically prepared. It was obtained from species of willow and poplar.

Saponin was met with also as quillain and senegin.

Solanin was the glucoside found in the fruits of *Solanum nigrum* and other species, and doubtfully in *Scopola japonica*. The glucoside also existed in the shoots of potatoes. It was only slightly soluble in water, alcohol and ether. *Solanin* was peculiar as containing nitrogen.

Strophanthin was stated by Fraser to be the active principle of strophanthus (in the extract of which he found 65 per cent.), but now regarded as doubtful. The aqueous solution froths when shaken.

Of glucosidal tannins many were still unknown, and very varying statements were made about them. They had been classified according to their decomposition products, and oxidation products, and this classification the author included in a table.—*Brit. and Col. Druggist*.

Literary Notes.

A NOVEL OFFER.

We have received a copy of the *Dominion Illustrated*, which is the only high class illustrated journal published in Canada. With the beginning of the present year it was enlarged to twenty-four pages weekly, and new and striking literary features have been added. It is profusely illustrated in the highest style of photogravure art, and is altogether a highly interesting journal and a credit to Canadian skill and enterprise. The publishers have inaugurated a prize competition for the current six months, which bears the stamp of originality. Six questions are published each month, and the material for answering them is found in the numbers for that month. Only subscribers compete, and the prizes, which number 100, exceed \$3,000 in value. The smallest is valued

at \$5, and the first is \$750 in gold. The publishers announce that any dissatisfied prize winner may exchange the prize for the cash value at which it is rated in the published list. As the *Illustrated* is not a "fake" journal it has every reason for keeping faith with subscribers. The publishers (The Sabiston Litho. and Pub. Co., Montreal) announce that on receipt of 12 cents in stamps (Canadian or American) they will forward to any address a sample copy with full particulars as to terms, etc.

* *

AN IMPORTANT ANNOUNCEMENT.

P. Blakiston, Son & Co., the Medical Publishers of Philadelphia, announce for early publication, "A Handbook of Local Therapeutics," being a practical description of all those agents used in the local treatment of disease, such as Ointments, Plasters, Powders, Lotions, Inhalations, Suppositories, Bougies, Tampons, etc., and the proper methods of preparing and applying them.

The diseases which chiefly require local treatment are those of the Respiratory Passages, Ear, Eye, Skin, together with certain general Surgical affections, including the Diseases of Women. In order, therefore, that the various uses of each remedy may be thoroughly set forth the following gentlemen have assumed the authorship:—Harrison Allen, M. D., Emeritus Professor of Physiology in the University of Penna.; Laryngologist to the Rush Hospital for Consumption; late Surgeon to the Philadelphia and St. Joseph's Hospitals. George C. Harlan, M. D., late Professor of Diseases of the Eye in the Philadelphia Polyclinic and College for Graduates in Medicine; Surgeon to the Wills Eye Hospital, and Eye and Ear Department of the Pennsylvania Hospital. Charles B. Penrose, M. D., Surgeon of the German Hospital; Instructor in Clinical Surgery, University of Pennsylvania, and Arthur Van Harlingen, M. D., Professor of Diseases of the Skin in the Philadelphia Polyclinic and College for Graduates in Medicine; late Clinical Lecturer on Dermatology in Jefferson Medical College; Dermatologist to the Howard Hospital.

Each remedy will be taken up in alphabetical order, and after a succinct description of their pharmaceutical properties, by Dr. George I. McKelway, will be considered with reference to the local treatment of the affections above outlined. The authors believe that the information contained in this work will not be found elsewhere. The activity in the various lines of special medicine is one of the most striking phases of the times, and has materially changed many of the older methods of treating disease by local means. The greater part of the literature which has appeared is not accessible to most physicians. The Handbook, it is believed, will be of value to general practitioners as well as to those who, like themselves, are especially interested in sub-divisions of the clinical field.

The work will form a compact volume of about 400 pages, arranged in a manner to facilitate reference and containing, besides the usual index, a complete index of diseases, that will greatly enhance its usefulness.

* *

No MORE COMPLETELY illustrated copy of the *Cosmopolitan* has ever gone out than that for April. Miss Elizabeth Bisland, always a bright and attractive writer, is fairly fascinating in her description of dancing, the oldest of the arts, and the illustrations charmingly interpret the article itself. The executive mansion, the "White House," always an object of interest to the people of the United States, and one of the first points to be visited by those who go to Washington, is described by Mr. George Grantham Bain, the Washington correspondent, while the interior is illustrated with many views taken specially for *The Cosmopolitan* by permission of the President.

Perhaps the feature which will appeal most strongly to literary people, is Brander Matthews' article on the Women Writers of America. Mr. Matthews' criticism should be read by every American woman who writes for the press, for magazines, or for the book publisher. Mrs. Cruger, Amelie Rives, and all the best known modern writers, come in for a touch of criticism. (Price 25 cents, *Cosmopolitan* Publishing Company, Madison Square, New York.)

McCOLLOM'S Rheumatic Repellant.

AN INTERNAL REMEDY FOR THE CURE OF
Rheumatism, Gout, Neuralgia, &c.

Has stood the most extreme and critical tests during the 17 years it has been extensively used, and has proved in thousands of instances, both in Canada and the U. S., to be the most reliable remedy known to effectually and permanently cure this class of diseases. Immense numbers of those benefitted testify to accuracy of these statements, and assert that no Drug Store is complete without it.

Having found the 2 oz. or sample size objectionable, from the quantity being insufficient to produce satisfactory result in extreme or chronic cases, we have decided to withdraw this size and in future only put up the 10 oz. or \$1.00 bottles.

Supplied to Druggists at \$7.50 per doz.

RHEUMATIC REPELLANT

Is prepared only by W. A. McCOLLOM, Druggist, Tilsonburg, and supplied at wholesale by Messrs. Evans & Co., J. W. Brayley, Montreal; Lyman Bros. & Co., Elliot & Co., Northrop & Lyman Co., Toronto; J. Winer & Co., Archdale Wilson & Co., Hamilton; London Drug Co., Kennedy & Co., London; Martin, Rosser & Co., Winnipeg, Man.