

Section on Pharmacopœias and Formularies

Papers Presented at the Sixty-Second Annual Convention

PHARMACOPOEIAS AND FORMULARIES OF THE WORLD.

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Mr. Otto Raubenheimer offered an exhibit of Formularies, principally German ones, at the last meeting of the Section on Pharmacopœias and Formularies, in Nashville. At the same time he delivered a very interesting lecture on the different works, taking up each one in detail. The effort of Mr. Raubenheimer to acquaint the Section with the Pharmacopœias and Formularies of the Continent, led the President, I presume, to assign to me the task of compiling a list of the publications. While I welcomed the assignment and made preparations to present a more complete list, circumstances, over which I had no control, have prevented me from completing the list as I had planned.

To increase the interest in this paper I will make explanations concerning several publications.

I have not included in my list a large number of formularies and receipt books in the United States, confining my attention to the recognized authorities of other countries.

Great Britain has a long list of so-called pharmacopœias, which are in reality formularies, almost every hospital or infirmary having its own formulary. "Squire's Companion to the British Pharmacopœia" and his "Pharmacopœias of the London Hospitals," (published by J. & A. Churchill, London, edited by P. W. Squires) have been standard works of reference in London and England for over forty years. The former is the classic commentary of British Pharmacopœias, originally issued after the first British Pharmacopœia appeared, has kept pace with both medical and pharmaceutical science. The latter has been in existence over a quarter of a century, devoted not only to giving information concerning pharmaceutical processes, but has been a repository of everything worth while, regarding new remedies. "Martindale's Extra Pharmacopœia" is edited by Dr. W. H. Martindale and Dr. W. Wynne Wescott, published by H. K. Lewis, London. The latest edition appears in two volumes, the second part being devoted mainly to analysis, organotherapy, bacteriology and physiologic chemistry. The British Pharmaceutical Codex is published by the Pharmaceutical Society of Great Britain, with a view of providing formulæ for mixtures, etc., in imitation of the popular specialties issued by the drug houses and to combat the increasing tendency of giving trademark names to synthetic chemicals. The Pharmaceutical Formulas and Provincial Hospital Formulas are issued by

the publishers of the *Chemist and Druggist*. The *Pharmaceutical Formulas* devotes itself to the practical work of the drug store, almost entirely, though its information is encyclopedic in character and therefore very valuable to the practising pharmacist. Canada, in addition to the *British Pharmacopœia* and the *Canadian Formulary*, uses the *United States Pharmacopœia*, *National Formulary* and the *Dispensatories*.

"The Taxa" of Russia is an authorized official list of the prices that a pharmacist may charge for drugs, chemicals and pharmaceuticals in various quantities. In addition to the *Russian Pharmacopœia* there are a number of *Formulæ* published as an appendix to the official "Taxa." Two German *Formularies*, translated, are in common use.

Cuba, in addition to the *Spanish Pharmacopœia*, uses French works, translated. Mexico also uses several translated French texts in addition to the *Dispensatory*.

I desire to express my appreciation for services rendered me in compiling this list. Assistance was given by Mr. Otto Raubenheimer, Burroughs Wellcome & Co., London, the managers of Parke, Davis & Co. in London and St. Petersburg, and several others.

LIST OF PHARMACOPOEIAS AND FORMULARIES.

UNITED STATES.

United States Pharmacopœia.
National Formulary.

Royal College Physicians of London.
Méricat—*Chirurgical Pharmacopœia*.
Prescriber's Pharmacopœia.

GREAT BRITAIN.

British Pharmacopœia.
Martindale's Extra Pharmacopœia, 1912.
Dublin Pharmacopœia.
British Homœopathic Pharmacopœia.
Squire's Companion to the British Pharmacopœia.
British Pharmaceutical Codex, 1911.
British Dental Pharmacopœia.
Provincial Hospitals' Pharmacopœia (Formularies):
Bradford Infirmary.
British Hospital for Diseases of Skin.
Charing Cross Hospital.
City of London Hospital for Diseases of the Chest.
Evelina Hospital for Sick Children.
Hospital for Consumption and Diseases of the Chest, London.
Hospital for Diseases of the Throat, London.
London Hospital.
Manchester Royal Infirmary.
Middlesex Hospital, London.
Royal Hospital and Infirmary, Edinburgh.
Royal Naval Hospital, Haslar.
Saint Bartholomew's Hospital, London.
Saint George's Hospital, London.
Saint Thomas' Hospital, London.
Sheffield Union.
Pharmacopœia, Guy's Hospital, London.
University College Hospital.
Universal Pharmacopœia.
Squire's Pharmacopœias of London Hospitals.

FORMULARIES (Proper)

Pharmaceutical Formulas, 9th Edition.
Pocket Formulary, (H. Beasley.)
Bournemouth Formulary, (Bournemouth Pharmaceutical Association.)
Pharmaceutical Formulary, 1904, (J. O. Braithwaite.)
Unofficial Formulary, (British Pharmaceutical Conference.)
Formulary, (Central London Throat, Nose and Ear Hospital.)
Glasgow and West of Scotland Formulary. (Glasgow and West of Scotland Chemists Association.)
Universal Formulary, (R. E. Griffith.)
Compendium of Pharmacy and Druggists Formulary, (W. B. Kilner.)
Tables of Materia Medica with Formulæ, (J. Kirby.)
Practical Hints and Formulas, (B. Lillard.)
Pharmaceutical Formulas, 1911, (Peter MacEwan.)
Formulary for New Remedies, (F. Magendie.)
Manual of Formulæ.
Druggist's Handbook of Formulas, (J. H. Nelson.)
Introduction to Pharmacy with Formulas, (E. Parrish.)
Pharmaceutical Journal Formulary (Pharmaceutical Society of Great Britain.)
Gray's Supplement, (T. Redwood.)

INDIA.

The Prescribers Pharmacopœia, (Kemp & Company, Bombay.)

CANADA.

The Canadian Formulary, (Toronto.)

FRANCE.

Codex Medicamentarius, Pharmacopie Francaise, 1908 Ph. Fr. V.

Formulaire (H. Bocquillon-Lumousin.)

Nouveau Formulaire Magistral, A. Bouchardt.)

L'Officine, Conspectus des Formulaires, 1911, (F. L. M. Dorvault.)

Formulaire, (Dujardin-Beaumentz & P. Yvon.)

Nouveau Formulaire pratique des Hospitaux, (H. M. Edwards and P. Vavasseur.)

Formulaire des Medecins Practiciens, (F. Foy.)

Formulaire, International, (J. Jeannel.)

Pharmacopie Universelle, (A. J. L. Jourdan.)

Formulaire des Maladies des voies Urinaires, (F. Mallez.)

Formulaire des hopitaux civils de Paris, (F. S. Ratier.)

Formulaire raisounes des Medicaments, (O. Reveil.)

Formulaire des Specialites Pharmaceutiques, (Gorditti, Paris.)

Formulaire Magistral de Therapeutique Clinique et de Pharmacologie, (Martin, Paris.)

Formulaire des Pharmaciens Francasi, 1911, (F. P. F., Orleans.)

GERMANY.

Deutsches Arzneibuch, 5 Ausgabe, 1910, Ph. Germ. V.

Hager's Handbuch der Pharmazeutischen Praxis, two volumes and supplement, Berlin, 1908.

Neues Pharmazeutisches Manual, Eugen Dieterich, by Karl Dieterich, Berlin, 1913.

Erganzungsbuch zum Arzneibuch fur das Deutsche Reich, Dritte Ausgabe, published by Deutscher Apotheker Verein.

Verschriften fur Entfernung von Flecken, (S. Andresen.)

Vorschriften zur Selbstbereitung Pharmazeutischer Spezialitäten, published by Deutscher Apotheker Verein.

Formulae Magistrales Germanicae, (F. M. G.) by Dr. L. Lewin.

Meyer's Muster-Rezepte, (Gustav Meyer, Berlin, 1910.)

Formulae Magistrale Berolinenses, (Berlin Formulary of F. M. B.)

Dresdener Vorschriften, published by Verein der Apotheker Dresden's und der Umgegend, (Dresden Formulary.)

Vorschriften zur Gleichheitlichen Herstellung Pharmazeutischer Zubereitungen by Dr. Carl Bedall, (Munich Formulary.)

Hamburger Vorschriften Sonderabdruck aus der Apotheker-Zeitung, (Hamburg Formulary.)

Dr. Unna's Magistral Formeln, Sonderabdruck aus der Pharmazeutischen Zeitung.

Beiersdorf's Handbuch, P. Beiersdorf & Co., Hamburg.

Vierteljahresschrift fur Praktische Pharmazie, (H. Salzman und W. W. Wobbe, Berlin.)

Manule Pharmaceuticium, (H. Hager.)
Pharmaceutisch-technisches, (H. Hager.)
Pharmaceutisch-technisches, (Hanover Formulary.)

Pharmaceutisch-technisches, (Bavarian Formulary.)

Formular Pharmazeutischer Spezialitäten heransgegeben von Luxemburger Apotheker Verein, (Luxemburg Formulary.)

BELGIUM.

Pharmacopœa Belgica Editio Tertia, 1906. Formuaries:—

Formulaire de Preparations Pharmaceutiques Adopte para Societ de Pharmacies D' Anvers, (Antwerp Formulary.)

ARGENTINA.

Farmacopea Nacional Argentina, Primera Edicion, 1898, Ph. Arg., 1.

CHILI.

Farmacopea Chilena, 1886, Ph. Chil., 1.

DENMARK.

Pharmacopœa Danica, 1907, Ph. Dan., VII.

GREECE.

Pharmacopœa Helvetica, editio Quarta, 1907, Ph. Helv., IV.

SPAIN.

Farmacopea Oficial Espanola, Septima Edicion, 1905, Ph. Hisp., VII.

AUSTRIA.

Pharmacopœa Austriaca Editio Octavo, 1906, Ph. Austr., VIII.

Formularies:—

Hell's Manuale, 2 Vols., (Gustav Hell Tropfen.)

Preparata Pharmaceutica, Vienna, 1903, (S. Rektorik.)

ITALY.

Farmacopea ufficiale del regno d'Italia, Terza edizione, 1909.

Medicamenta, 1908, (Migliaia, Milano.)

HUNGARY.

Pharmacopœa Hungarica, editio tertia, 1909, Ph. Hung., III.

JAPAN.

The Pharmacopœia of Japan, 1906, (English Translation, 1907) Jh. Japan, III.

MEXICO.

Nueva Farmacopea Mexicana, cuarta Edicion, 1904, Ph. Mex., IV.

Pharmacist's Manual and Formulary, (Agustin Guerrero.)

Bonchardi's Formulary.

Dujardin-Beaumentz's Formulary.

Gardette's Formulary.

HOLLAND.

Pharmacopœa Nederlandica, editie quarta, 1905, Ph. Ndl., IV.

SERBIA.
Pharmacopœa Serbica, editio secunda,
1908, Ph. Serb., 11.

RUSSIA.
Pharmacopœa Rossica, sixth edition, 1910,
Ph. Ross., VI.
Formularies:—
The Taxa.
Dieterich's New Pharmaceutical Manual,
9th Edition, (Translated from Ger-
man.)
Manuel Pharmaceuticum, (Hager)
Translated from German.

SWEDEN.
Svenska Farma Kopen, (Pharmacopœa
Svecica, edition IX) Ph. Sevs., IX.

VENEZUELA.
Farmacopea Venezolana, 1898, Ph. Ven., 1.

FINLAND.
Farmacopea Fennica.

PORTUGAL.
Pharmacopœa Lusitanica.

NORWAY.
Farmakopen Norvegica.

POLAND.
Farmacopea Polonica.

CUBA.
Farmacopea Oficial Espanola, Septima
Edicion, 1905.

Formularies:—
Formulario Practico, (Dujardin-Beau-
metz por Gilbert and Yvon.
La Oficina de Farmacia Espanola, (Se-
gun Dorvault) Madrid, Spain.

IMPORTS OF POTASH SALTS IN FEBRUARY.

Public interest in the statistics regarding imported potash salts is keen, both by reason of their wide application in the manufacturing and other industries and the fact that the United States is still dependent upon foreign countries for practically the entire supply thereof. The following table shows the imports of potash salts during the month of February, 1915, compared with February of last year. The figures are so grouped as to show those potash salts used chiefly as fertilizers, which are entered by the long ton, and those which are used in the arts and chemical industries, of which the unit of quantity is the pound.

Articles Exported	February, 1914		February, 1915	
	Quantities	Values	Quantities	Values
Fertilizer salts:—				
Kanit tons	72,008	\$321,723	1,852	\$18,445
Manure salts.....do	12,451	124,422	900	14,748
Sulphate of potash.....do	5,098	210,327	1,378	59,804
Muriate of potash.....do	13,172	431,820	22,818	836,368
Other potash salts:—				
Carbonate of potash.....pounds	1,674,685	49,110	1,317,849	46,015
Caustic potash.....do	520,166	19,607	308,805	17,508
Nitrate of potash.....do	22,699	928
Cyanide of potash.....do	5,641	890	266,654	39,327
Other potash salts.....do	638,112	52,119	456,011	42,429