

Drug.	To be retained.	To be eliminated.
Opium	Morphine, Codeine, and Salts and Derivatives	Crude Drug (also Powdered, Granulated, and Deodorized), Tincture, Camphorated Tincture, Tincture of Deodorized Opium, Powder of Ipecac and Opium
Physostigma	Physostigmine Salicylate	Crude Drug, Extract, and Tincture
Pilocarpus	Pilocarpine Hydrochloride and Nitrate	Crude Drug and Fluidextract
Stramonium	Nothing	Crude Drug, Extract, Tincture, and Ointment
Strophanthus	Strophanthin	Crude Drug and Tincture

Thus forty-nine (49) crude drugs and preparations would be eliminated.

Further applications might be made to the volatile oil drugs like anise, fennel, etc., and possibly to other groups.

Another possibly feasible modification would be the elimination of Part II, which is concerned with atomic weights, chemical formula, reagents and test solutions, tables, etc. (occupying 161 pages), *from volumes or a special edition intended for the use of the practicing physician*, since this would reduce not only the bulk of such issues but also the cost to physicians.

Lastly might be mentioned the unfortunate tendency, displayed in the revisions of the National Formulary, to include most, if not all, of those drugs and preparations discarded or rejected by the United States Pharmacopoeia. If this practice is continued the "N. F." will become the "dumping ground" of the U. S. P. and will lose its prestige and value.

LABORATORIES OF PHARMACOLOGY,
SCHOOL OF MEDICINE,
EMORY UNIVERSITY,
EMORY UNIVERSITY, GEORGIA.

DOSES PROPOSED FOR THE UNITED STATES PHARMACOPOEIA, TENTH REVISION.

The following list represents changes in the U. S. P. IX doses or the doses for newly admitted substances, as proposed for inclusion in the new Pharmacopoeia. All other doses remain as at present official. These are submitted for the information of physicians and pharmacists. Any comments should be sent to E. Fullerton Cook, 636 So. Franklin Square, Philadelphia, Pa.

Acidum Benzoicum, 1 Gm. (15 grains)	Aspidium, Dose Omitted
Acidum Citricum, Dose Omitted	Atropina, 0.0006 Gm. (1/100 grain)
Acidum Lacticum, Dose Omitted	Atropinae Sulphas, 0.0006 Gm. (1/100 grain)
Acidum Tartaricum, Dose Omitted	Barium Sulphate, No Dose
Aconitum, 0.06 Gm. (1 grain)	Benzosulphinidum, Dose Omitted
Antimonii et Potassii Tartras, 0.003 Gm. (1/20 grain)	Bismuthi Betanaphtholas, 1 Gm. (15 grains)
Apomorphinae Hydrochloridum, Expecto- rant 0.002 (1/30 grain), Emetic, Hypodermic, 0.005 Gm. (1/12 grain)	Bismuthi Subcarbonas, 1 Gm. (15 Grains)
Asafoetida, 0.2 Gm. (3 grains)	Bismuthi Subgallas, 1 Gm. (15 grains)
	Bismuthi Subnitras, 1 Gm. (15 grains)
	Bismuthi Subsaliylas, 1 Gm. (15 grains)
	Calcii Chloridum, 1 Gm (15 grains)

- Calcii Lactas, 1 Gm. (15 grains)
 Calumba, 1 Gm. (15 grains)
 Camphora, By mouth or Hypodermic 0.2 Gm. (3 grains)
 Cerii Oxalas, 0.6 Gm. (10 grains)
 Cubeba, 2 Gm. (30 grains)
 Colocynthis, 0.1 Gm. (1 1/2 grains)
 Chrysarobinum, Dose Omitted
 Digitalis, 0.1 Gm. (1 1/2 grains)
 Dakin's Solution, No Dose
 Dextrose C. P., No Dose
 Dichloramin T, No Dose
 Extractum Aconiti, 0.015 Gm. (1/4 grain)
 Extractum Cannabis, 0.015 Gm. (1/4 grain)
 Extractum Cascarae Sagradae, 0.3 Gm. (1/2 grain)
 Extractum Fellis Bovis, 0.4 Gm. (6 grains)
 Extractum Hyoscyami, 0.05 Gm. (5/6 grain)
 Extractum Rhei, 0.5 Gm. (8 grains)
 Extractum Stramonii, 0.02 Gm. (1/3 grain)
 Fluidextractum Aconiti, 0.06 cc (1/10 minim)
 Fluidextractum Digitalis, 0.1 Gm. (1 1/2 minims)
 Fluidextractum Ipecacuanhae, Expectorant 0.06 (1 minim), Emetic 1 cc (15 minims)
 Fluidextractum Lobeliae, 0.1 cc (1 1/2 minims)
 Fluidextractum Nucis Vomicae, 0.1 cc (1 1/2 minims)
 Fluidextractum Podophylli, 0.3 cc (5 minims)
 Fluidextractum Spigeliae, 4 cc (1 fluidrachm)
 Fluidextractum Tritici, 8 cc (2 fluidrachms)
 Fluidextractum Zingiberis, 0.5 cc (8 minims)
 Glyceritum Acidi Tannici, 2.5 cc (40 minims)
 Hexamethylenamina, 0.3 Gm. (5 grains)
 Hydrargyri Chloridum Corrosivum, 0.004 Gm. (1/15 grain)
 Hydrargyri Chloridum Mite, Laxative 0.15 Gm. (2 1/2 grains)
 Hydrargyri Iodidum Rubrum, 0.004 Gm. (1/15 grain)
 Hydrargyri Salicylas, Intramuscular 0.06 Gm. (1/10 grain) twice a week
 Hyoscyaminae Hydrobromidum, 0.0006 Gm. (1/100 grain)
 Hyosyamus, 0.2 Gm. (3 grains)
 Infusum Digitalis, 6 cc (1 1/2 fluidrachms)
 Infusum Sennae Compositum, 30 cc (1 fluidounce)
 Iodum, 0.01 Gm. (1/6 grain)
 Ipecacuanha, Expectorant 0.06 Gm. (1 grain), Emetic 1 Gm. (15 grains)
 Liquor Sodii Glycerophosphatis, 0.6 cc (10 minims)
 Lobelia, 0.1 Gm. (1 1/2 grains)
 Magma Magnesiac, Antacid 4 cc (1 fluidrachm), Laxative (for children) 15 cc (4 fluidrachms)
 Magnesii Carbonas, Antacid 0.6 Gm. (10 grains), Laxative 8 Gm. (2 fluidrachms)
 Magnesii Oxidum, Antacid 0.25 Gm. (4 grains), Laxative 3 Gm. (45 grains)
 Magnesii Oxidum Ponderosum, Antacid 0.25 Gm. (4 grains), Laxative 3 Gm. (45 grains)
 Massa Hydrargyri, 0.3 Gm. (5 grains)
 Mistura Glycyrrhizae Composita, 4 cc (1 fluidrachm)
 Morphinae Hydrochloridum, 0.01 Gm. (1/6 grain)
 Morphinae Sulphas, 0.01 Gm. (1/6 grain)
 Nux Vomica, 0.1 Gm (1 1/2 grains)
 Oleoresina Aspidii, Single Dose, once a day, 4 Gm. (1 drachm)
 Oleoresina Capsici, 0.015 Gm. (1/4 grain)
 Oleum Anisi, 0.1 cc (1 1/2 minims)
 Oleum Aurantii, 0.1 cc (1 1/2 minims)
 Oleum Cari, 0.1 cc (1 1/2 minims)
 Oleum Carophylli, 0.1 cc (1 1/2 minims)
 Oleum Cassiae, 0.1 cc (1 1/2 minims)
 Oleum Chenopodii, 1.0 cc (15 minims)
 Oleum Coriandri, 0.1 cc (1 1/2 minims)
 Oleum Foeniculi, 0.1 cc (1 1/2 minims)
 Oleum Juniperi, 0.1 cc (1 1/2 minims)
 Oleum Lavandulae, 0.1 cc (1 1/2 minims)
 Oleum Limonis, 0.1 cc (1 1/2 minims)
 Oleum Lini, Dose Omitted
 Oleum Menthae Piperitae, 0.1 cc. (1 1/2 minims)
 Oleum Menthae Viridis, 0.1 cc (1 1/2 minims)
 Oleum Myristicae, 0.03 cc (1/2 minim)
 Oleum Pimentae, 0.1 cc (1 1/2 minims)
 Oleum Rosmarini, 0.1 cc (1 1/2 minims)
 Oleum Sassafras, 0.1 cc (1 1/2 minims)
 Oleum Thymi, 0.1 cc (1 1/2 minims)
 Paraldehydum, 4 cc (fluidrachm)
 Paraformaldehydum, Dose Omitted
 Phosphorus, 0.0006 Gm. (1/100 grain)
 Pilocarpinae Hydrochloridum, 0.005 Gm. (1/12 grain)
 Pilocarpinae Nitras, 0.005 Gm. (1/12 grain)
 Potassii Iodidum, 0.3 Gm. (5 grains); Antilue-tic 2 Gm. (30 grains)
 Potassii Nitras, 0.3 Gm. (5 grains)
 Pulvis Aromaticus, 0.3 Gm. (5 grains)
 Pulvis Ipecacuanhae et Opii, 0.3 Gm. (5 grains)
 Sanguinaria, 0.1 Gm. (1 1/2 grains)
 Scopolaminae Hydrobromidum, 0.0005 Gm. (1/120 grain)
 Senna, 2 Gm. (30 grains)
 Sodii Benzosulphinidum, Dose Omitted

Sodii Glycerophosphas, 0.3 Gm. (5 grains)	Syrupus Zingiberis, 10 cc. (2 1/2 fluidrachms)
Sodii Iodidum, 0.3 Gm. (5 grains), Antiluetic 2 Gm. (30 grains)	Thymol, 0.125 Gm. (2 grains), Anthelmintic 2 Gm. (30 grains) divided into 3 doses
Spiritus Anisi, 1 Gm. (15 grains)	Thyroideum Siccum, 0.06 Gm. (1 grain)
Spiritus Juniperi, 1 cc	Tinctura Aconiti, 0.6 cc (10 minims)
Spiritus Menthae Piperitae, 1 cc (15 minims)	Tinctura Belladonnae, 0.6 cc (10 minims)
Spiritus Menthae Viridis, 1 cc (15 minims)	Tinctura Cannabis, 1 cc (15 minims)
Stramonium, 0.75 Gm. (12 grains)	Tinctura Digitalis, 1 cc (15 minims)
Strophanthinum, Daily mouth or vein 0.0005 Gm. (1/120 grain)	Tinctura Ferri Chloridi, 0.7 cc (10 minims)
Strychnina, 0.002 Gm. (1/30 grain)	Tinctura Gelsemii, 0.3 cc (5 minims)
Strychninae Nitras, 0.002 Gm. (1/30 grain)	Tinctura Myrrhae, 2 cc (30 minims)
Strychninae Sulphas, 0.002 Gm. (1/30 grain)	Tinctura Nucis Vomicae, 1 cc (15 minims)
Syrupus Ipecacuanhae, 0.75 cc (12 minims), Emetic 15 cc. (4 fluidrachms)	Tinctura Opii, 0.6 cc (10 minims)
Syrupus Picis Liquidae, 10 cc (2 1/2 fluidrachms)	Tinctura Opii Deodorati, 0.6 cc (10 minims)
Syrupus Pruni Virginianae, 10 cc (2 1/2 fluidrachms)	Tinctura Stramonii, 0.75 cc (10 minims)
Syrupus Sennae, 8 cc. (2 fluidrachms)	Tinctura Veratri Viridis, 1 cc (15 minims)
Syrupus Tolutanus, 10 cc (2 1/2 fluidrachms)	Valeriana, 0.75 Gm. (12 grains)
	Veratrum Viride, 0.1 Gm. (1 1/2 grains)
	Zingiber, 0.5 Gm. (8 grains)

THE ALCOHOLIC STRENGTH OF NATIONAL FORMULARY PREPARATIONS.

BY WILBUR L. SCOVILLE.

The next edition of the NATIONAL FORMULARY will state the alcoholic strengths of the various N. F. preparations used internally. Since the alcoholic content of drug percolates will vary even when the same menstruum is used, owing to variations in the moisture and soluble constituents of the drugs, it is only by a considerable series of experiments that an average or standard alcoholic content of any fluidextract or tincture can be known. The NATIONAL FORMULARY Committee has therefore appealed to the drug manufacturers for data on which to base the alcohol standards. More than forty manufacturers were asked to furnish a statement of the alcoholic strengths of 67 listed elixirs, 83 fluidextracts, 9 solutions and 42 tinctures—all NATIONAL FORMULARY products or new additions to the Formulary. This list of over 200 preparations calls for considerable work in looking up records and checking up processes, since the request specified that data were wanted on preparations made according to the N. F. formulas only. And it is evident that the manufacturers are quite willing to aid the N. F. even at a material cost to themselves when replies giving the data requested were received from twenty manufacturers including most of the largest pharmaceutical manufacturers—and from others who stated that their list of N. F. products was too small to be of any real service.

The NATIONAL FORMULARY Committee wishes to acknowledge with thanks the cordial coöperation of the manufacturers in this work of revision.

The data thus collected are summarized in the following tables. It will be noted that but a few of the preparations listed are made by all the manufacturers, and some are made by only one or two. In many instances, particularly the elixirs, the N. F. formulas are replaced by private formulas, which differ mostly