

## EDITORIAL NOTES

**S. L. Hilton** has donated an Analytical Balance to the AMERICAN PHARMACEUTICAL ASSOCIATION. The Balance was manufactured by Voland & Sons, New Rochelle, N. Y.

**James G. Carstater**, of Oneida, N. Y., has sent a series of snapshots taken during his visit in Washington.

The AMERICAN PHARMACEUTICAL ASSOCIATION has received, through the kindness of Doctor Wm. A. Hamor, of the Mellon Institute of Research, photographs of the emblems relating to the A. P. H. A.

**Fred. W. Connolly**, Dorchester, Mass., has donated to the museum of the AMERICAN INSTITUTE OF PHARMACY five drug jars labeled in rose and gold and three old bottles for drugs, these probably date back to the 15th century. The donor sets an example for others to follow; he has heretofore made other donations.

### SECTION ON PRACTICAL PHARMACY AND DISPENSING.

The officers of the Section on Practical Pharmacy and Dispensing solicit the continued interest and coöperation of the members that have made these Section meetings so appealing in past years. Members of the ASSOCIATION are requested to send in their papers at an early date, noting the following requirements:

Please advise the secretary whether the paper will be presented in person or read by title.

The author should follow the procedure outlined in the April 1937 number of the JOURNAL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION, outlining Notice to Contributors.

Papers should be presented in duplicate so that one copy will be made available for publication.

The Secretary is Leon W. Richards, State University of Montana, Missoula, Mont.

### PART OF TENTATIVE PROGRAM OF SECTION ON COMMERCIAL INTERESTS.

1. "Must a Pharmacist Be a Psychologist?" Alice-Esther Garvin.
2. "The Place of the Professional Display in the Store Program," M. Medford Cooper.
3. "Fair Trade—Past, Present," Samuel Shkolnik.
4. (Title Not Yet chosen), John N. McDonnell.

5. "A Study in Commercial Pharmacy" (Tentative), Neal Bowman.
6. (No Title Given), Charles H. Stocking.
7. (Title Not Yet Chosen), George F. Archambault.
8. (Title Not Yet Chosen), Joseph H. Goodness.
9. "On Twenty-Five Cigar Counters," Walter M. Chase.

### PERTINENT SUBJECTS FOR DISCUSSION AT THE CONFERENCE OF PHARMACEUTICAL ASSOCIATION SECRETARIES.

BY J. W. SLOCUM, PRESIDENT, CONFERENCE OF STATE PHARMACEUTICAL ASSOCIATION SECRETARIES.

1. What fields of endeavor should the State Association enter other than legislative?
2. Do you hold mid-winter meetings? District meetings?
3. Should the Conference provide a Bulletin at stated intervals?
4. Has the Washington Bulletin been adequate and satisfactory?
5. What has been the one large accomplishment of your Association during the past year?
6. Should the Conference provide for and hold a meeting at the time of the N. A. R. D. Convention?
7. What success do you have in the collection of dues?
8. Do you operate a drug show in connection with your State Convention?
9. Do you have a Fair Trade Act and how is it working?
10. Are you satisfied with the manner in which you finance the operation of the Act?
11. Are you sure that the Presidential delay of the Tydings Bill will not seriously interfere with the operation of your State Act?
12. How do you propose to operate in the event the Tydings-Miller Bill is delayed indefinitely?
13. What is the real reason why many independent retail druggists in many states, refuse to sign Fair Trade Contracts and give full coöperation?
14. Are manufacturers justified in refusing to make or establish higher minimums in

some states than in others, or are they justified in the claim that minimum schedules should be uniform in all Fair Trade States?

#### NEW BUILDING OF THE BRITISH PHARMACEUTICAL SOCIETY.

The British Pharmaceutical Society is presenting the architect's plan for the New Building, which the Society will occupy in Brunswick Square, London. The site on which the Society's new house will be erected is the North side of Brunswick Square. The property was acquired by the Society in 1930 and has a main frontage to Brunswick Square of 237 feet and a minor frontage to Hunter St., of 113 feet. The Building will also face St. George's Gardens. It will have seven floors. Opportunity is taken to congratulate the Society and extend best wishes.

#### OLD POISON LAWS OF FRANCE.

The *Revue d'Histoire de la Pharmacie* for March 1937, reproduces the text of a decree of February 27, 1677, governing the distribution of poisons in France. Several of the regulations are quoted.

"Apothecaries and grocers shall keep in a safe receptacle, of which the key shall be in their sole possession, every drug, such as arsenic, sublimate, realgar and similar substances, capable of being employed for the destruction of the human body. It shall not be lawful for a person to sell or supply any such substance unless the purchaser is resident in the neighborhood and known to the seller."

"Every apothecary and grocer shall keep in a form approved by the senior Commissaire du quartier, the names of those persons to whom such substances have been sold or supplied, together with the amount and description, the date and the purpose for which they are required. The purchaser shall affix his signature to the entry."

#### CINCHONA TREES IN THE PHILIPPINES.

For many years the Dutch have held a virtual monopoly on the growth of cinchona trees. Years ago, Arthur Fischer, head of the Philippine Bureau of Forestry, became interested in the problem of growing cinchona trees in the Philippine Islands. After prolonged investigation a cinchona nursery was started at Impalutau, Bukidnon and Mindanao. At present 5000 acres are being utilized for

this purpose. There are now being harvested sufficient amounts of quinine in the form of total alkaloids to meet the requirements of the Philippines. There is still much to be done in the erection of extraction plants in order to place the industry on a commercial basis.

#### ANNUAL MEETING OF THE COUNCIL ON PHARMACY AND CHEMISTRY.

The following attended the annual meeting of the Council on Pharmacy and Chemistry of the American Medical Association: Dr. David Barr, Dr. J. Howard Brosn, Dr. S. W. Clausen, Dr. H. N. Cole, Dr. C. W. Edmunds, Dr. Morris Fishbein, Dr. Paul Nicholas Leech, Dr. G. W. McCoy, Dr. E. M. Nelson, Dr. W. W. Palmer, Dr. William C. Rose; Dr. James S. McLester, member of the Council on Foods, and Dr. Olin West, General Manager, were also present.

Dr. Torald Sollmann was reelected chairman of the Council and Dr. W. W. Palmer was reelected vice-chairman, and Dr. Paul Nicholas Leech, secretary.

#### NEW AND NONOFFICIAL REMEDIES.

THE FOLLOWING ADDITIONAL ARTICLES HAVE BEEN ACCEPTED AS CONFORMING TO THE RULES OF THE COUNCIL ON PHARMACY AND CHEMISTRY OF THE AMERICAN MEDICAL ASSOCIATION FOR ADMISSION TO NEW AND NONOFFICIAL REMEDIES. A COPY OF THE RULES ON WHICH THE COUNCIL BASES ITS ACTION WILL BE SENT ON APPLICATION.—PAUL NICHOLAS LEECH, *Secretary*.

**NOVATROPINE.**—Homatropinemethylbromide.— $C_{16}H_{21}O_3N \cdot CH_3Br$ .—The methylbromide of the alkaloid homatropine.

*Actions and Uses.*—Novatropine is proposed for use in the treatment of gastro-intestinal spasm and hyperchlorhydria. Animal experimentation has shown it to be less active than atropine but also less toxic.

*Dosage.*—Adults: one or two tablets three times daily before meals; children and infants: according to age.

Manufactured by Campbell Products, Inc., New York. No U. S. patent. U. S. trademark 240,537.

*Novatropine Tablets*,  $1/24$  grain: Each tablet contains  $1/24$  grain (2.5 mg.) homatropinemethylbromide.

Novatropine occurs as an odorless, white, crystalline powder, possessing a bitter taste, soluble in water and alcohol but insoluble in ether. It melts between 191 and 192 C., with slight decomposition. Aqueous solutions (1 in 50) are neutral to litmus.

*For distinction from atropine, hyoscyamine and scopolamine*—see *Journal A. M. A.*, April 10, 1937, page 1259; also, *distinction from homatropine, hydrobromide, atropine and hyoscyamine*. See also method described in "Methods of Analysis of the Association of Official Agricultural Chemists," fourth edition, page 23, art. 19, and method described in "Methods of Analysis of the Association of Official Agricultural Chemists," fourth edition, page 131, art. 55.

**PAPAVERINE HYDROCHLORIDE** (See New and Nonofficial Remedies, 1936, p. 321).

**Papaverine Hydrochloride-Mallinckrodt.**—A brand of papaverine hydrochloride-N. F. Manufactured by Mallinckrodt Chemical Works, St. Louis.

**OPTOCHIN HYDROCHLORIDE.** —  $C_{12}H_{22}N_2O.H.O.C_2H_5.HCl.$ —The hydrochloride of ethylhydrocupreine.

*Actions and Uses.*—See general article, Ethylhydrocupreine, N. N. R., 1936, p. 216.

*Dosage.*—For application to the eye and instillation into the conjunctival sac, a freshly prepared 1 or 2 per cent solution is used. It is not recommended for oral administration.

For standards see the U. S. Pharmacopeia under *Æthylhydrocupreinae Hydrochloridum*.

*Tablets Optochin Hydrochloride, 0.1 Gm.* Manufactured by Rare Chemicals, Inc., Nepera Park, N. Y., under U. S. patent 1,062,203 (May 20, 1913; expired) by license of the Chemical Foundation Inc. U. S. trademark 99,822.

**DIGITALIS** (See New and Nonofficial Remedies, 1936, p. 168).

The following dosage forms have been accepted:

*Tablets Digitalis Duo-Test McNeil, 1/2 grain:* Each tablet contains 1/3 cat unit.

*Tablets Digitalis Duo-Test McNeil, 1 grain:* Each tablet contains 2/3 cat unit and is dispensed in plain and enteric coated tablets. The enteric coated tablets are first coated with a wax-salol mixture and then sugar coated green.

*Tablets Digitalis Duo-Test McNeil, 1 1/2 grains:* Each tablet contains 1 cat unit and is dispensed in plain and enteric coated tablets. The enteric coated tablets are first coated with a wax-salol mixture and then sugar coated green.

*Capsules Digitalis Duo-Test McNeil, 1 1/2 grains:* Each capsule contains 1 cat unit and is dispensed in black capsules.

Prepared by the McNeil Laboratories, Inc., Philadelphia.

**DIPHTHERIA TOXOID, ALUM PRECIPITATED (REFINED)** (See New and Nonofficial Remedies, 1936, p. 392).

Mulford Biological Laboratories, Sharp & Dohme, Philadelphia and Baltimore.

*Diphtheria Toxoid, Alum Precipitated.*—Prepared by treating diphtheria toxoid with a solution of alum until complete precipitation is produced. The precipitate is thoroughly washed and then suspended in physiologic solution of sodium chloride. The product is tested for antigenic potency according to the method prescribed by the National Institute of Health: guinea-pigs weighing 500 Gm., given one human dose, must produce at the end of six weeks at least two units of diphtheria antitoxin in each cubic centimeter of blood. Ortho-chloro-mercuri phenol 1:20,000 is used as the preservative.

Marketed in packages of one 0.5 cc. vial and one 1 cc. vial; in packages of ten 0.5 cc. vials and ten 1 cc. vials; and in packages of one 5 cc. vial and one 10 cc. vial.

**AMINOPYRINE** (See New and Nonofficial Remedies, 1936, p. 340).

**Aminopyrine—"National."**—A brand of aminopyrine-U. S. P.

Manufactured by the National Aniline and Chemical Co., New York.

*Aminopyrine Tablets, 5 grains.*

**COD LIVER OIL** (See New and Nonofficial Remedies, 1936, p. 450).

**Möller Plain Cod Liver Oil Standardized.**—It has a vitamin A potency of not less than 1,000 units (U. S. P.) per gram and a vitamin

D potency of not less than 150 units (U. S. P.) per gram.

*Dosage.*—For adults, 4 cc. (60 minims) to 15 cc. (225 minims) three times a day; for children, 2 cc. (30 minims) to 4 cc. (60 minims) three times a day.

Manufactured by Peter Möller, A/S, Oslo, Norway; distributed in the United States by Schieffelin & Co., New York. No U. S. patent or trademark.

Möller plain cod liver oil standardized complies with the U. S. P. standards for cod liver oil. In addition it is required to have a vitamin A potency of not less than 1,000 units per gram and a vitamin D potency of not less than 150 units per gram.—*J. A. M. A.*, April 24th, page 1410.

## PERSONAL AND NEWS ITEMS.

**President A. C. Taylor**, of the District of Columbia Board of Pharmacy, has been quite ill for some time but is improving. It was necessary for him to go to the hospital but he is now at home.

**R. L. Swain** addressed the Independent Retail Food Dealers in Maryland at Hotel Emerson on the subject, "The Public Health Significance of Drugs and Medicines."

**Charles T. Heller** was honored at the meeting of the Minnesota Pharmaceutical Association by tribute to the service in pharmacy during fifty years of pharmaceutical activity in Minnesota.

Among the speakers at the South Dakota meeting of the State Pharmaceutical Association were: **Rowland Jones, Jr.**, **Frank Mortenson**, Governor Leslie Jensen and Dean E. R. Series.

Among the get-together affairs of the meeting were, The Veterans' Banquet and the Rho Chi Breakfast. The Chairman is H. A. K. Whitney, University Hospital, Ann Arbor, Mich.

He addressed the dentists of Bay County, Michigan, on May 17th. His subject was, "Analgesics."

**President Wilmer Krusen**, of the Philadelphia College of Pharmacy and Science, was honored at a Birthday Dinner on May 26th, upon the completion of ten years as president of the college. The dinner was attended by representatives of government, education, religion, law and science. Among the speakers were: Mayor Wilson, Josiah H. Penniman, provost of the University of Pennsylvania, and members of the faculty. An oil portrait was presented to Dr. Krusen.

A testimonial dinner was tendered to **Dean William Christine Anderson**, of the Brooklyn College of Pharmacy, Long Island University, on June 1st, at the Towers, Brooklyn, N. Y.