

EDITORIAL NOTES

Editor: E. G. EBERLE, 10 West Chase St., Baltimore, Md.

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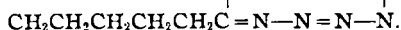
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NEW AND NONOFFICIAL REMEDIES.

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.

W. A. PUCKNER, *Secretary*.

METRAZOL.—Pentamethylenetetrazol.—



Actions and Uses.—The action of metrazol is similar to that of camphor, but it is claimed to be more dependable, mainly on account of its greater solubility in water. Its action following injection intravenously or subcutaneously is induced promptly. Metrazol stimulates the vasomotor and respiratory centers in experiments on normal animals, but an experienced worker in this field found it a very uncertain respiratory stimulant in conditions of depressed respiration in animals, in which carbon dioxide, epinephrine and ephedrine were markedly effective; that as a circulatory stimulant it usually caused a rise of blood pressure only in convulsive doses; that it did make irregularly beating hearts beat more regularly, but only at expense of depression of rate and amplitude. The use of metrazol is reported as a sustaining agent and restorative in chronic cardiac and circulatory insufficiency, in pneumonia, and in other infectious diseases. It has been reported to be of value in the emergency of cardiovascular collapse, in shock, in respiratory failure, and in narcotic depression. On the other hand, it causes capillary dilatation in

the splanchnic region, and animal experiments indicate that the intravenous injection may be distinctly dangerous. It may be combined with digitalis and the xanthine diuretics.

Dosage.—Intramuscularly or intravenously; 0.1 Gm ($1\frac{1}{2}$ grains) every one to three hours orally, from 0.1 to 0.2 Gm. ($1\frac{1}{2}$ to 3 grains, several times daily as required).

Manufactured by Knoll A.-G., Ludwigshafen a/Rh., Germany (E. Bilhuber, Inc., New York, distributor). U. S. patent 1,599,493 (Sept. 14, 1926; expires, 1943). U. S. trademark 249,687.

Metrazol Ampules, 1 cc.—Each ampule contains 1.1 cc. of a 10 per cent aqueous solution of metrazol.

Metrazol Tablets.—Each tablet contains $1\frac{1}{2}$ grains of metrazol.

Metrazol occurs as biaxial, optically negative, white crystals that are freely soluble in water. It melts at 57–58 C.

To a 10 per cent aqueous solution of metrazol add a saturated solution of mercuric chloride: a white solid precipitate results, which may be recrystallized from hot water or alcohol to yield crystals melting at 177–178 C, and leaving not more than 0.1 per cent of ash on incineration.

Transfer about 0.2 Gm. of metrazol, accurately weighed, to a wide mouth weighing bottle; allow to stand over calcium chloride: the loss in weight is not more than 0.1 per cent.

Transfer about 0.2 Gm. of metrazol, accurately weighed, to a platinum dish and incinerate: the ash is not weighable.

Determine nitrogen by the Dumas method as described in Clarke's Handbook of Organic Analysis, ed. 2, p. 199: the nitrogen is not less than 40.4 nor more than 40.9 per cent.

From *Jour. A. M. A.*, Dec. 15, 1928.

THE A. PH. A. RECIPE BOOK.

Pharmacists will be pleased with the announcement that the A. PH. A. Recipe Book is now ready. It is not the intention to speak of the book at length, nor to give its history, largely for the reason that the New York Branch, A. PH. A., will celebrate the event by presenting a copy to the Chairman of the Committee on Recipe Book, J. Leon Lascoff. The presentation will be made by his predecessor, Otto Raubenheimer. The first copy

will be a memorial to the late Henry P. Hynson, whose suggestion has now been brought to a reality. It is contemplated that the latter presentation will be part of the program at Rapid City, under the auspices of the Baltimore Branch A. Ph. A.

The history and development of the Recipe Book will enter into the program of the New York meeting on Monday, March 18th, when honor and credit will be given to those who shared in the preparation and completion of the work. No one will take exception to the statement, at this time, which will become apparent to the users of the Book, that Editor Ivor Griffith has given much time and is entitled to commendation for his helpful efforts, which produced most satisfactory results.

The advertisement of the "Recipe Book" will be found on p. xxiii of this issue of the JOURNAL.

The Committee on Recipe Book is at present composed of the following: *Chairman*, J. Leon Lascoff, New York; *Editor*, Ivor Griffith, Philadelphia; F. N. Gathercoal, Chicago; H. L. Meredith, Fort Pierce; P. Henry Utech, Meadville; W. W. Horne, Fayetteville; S. L. Hilton, Washington; F. W. Nitardy, Brooklyn; H. A. Langenhan, Seattle; Otto Raubenheimer, Brooklyn; W. H. Glover, Lawrence; F. B. Kilmer, New Brunswick; W. L. Scoville, Detroit; C. P. Wimmer, New York; R. R. Gerstner, New York; J. K. Thum, Philadelphia; I. A. Becker, Chicago; C. J. Clayton, Denver; M. A. Davis, White Plains; C. M. Roehr, San Francisco; Robert P. Fischelis, Trenton; Bernard Fantus, Chicago; William Gray, Chicago; L. D. Havenhill, Lawrence; E. Fullerton Cook, Philadelphia.

The Committee on Publications has the following members: *Chairman*, A. G. DuMez, Baltimore; H. V. Arny, New York; William B. Day, Chicago; H. C. Christensen, Chicago; E. G. Eberle, Baltimore; F. F. Kelly, Baltimore; C. W. Holton, Essex Falls.

PERSONAL AND NEWS ITEMS.

Dr. A. R. L. Dohme was toastmaster of the fourth annual dinner of the drug, chemical and allied trades, at the Waldorf-Astoria Hotel, New York City, March 14th. Senator Dr. Royal S. Copeland was one of the speakers.

Donald S. Merrell, Director Dental Department of William S. Merrell Company recently delivered an address before the faculty of Laval University, the Dental College of the University of Montreal and the graduate dentists of McGill University.

David Costello, of New York City, recently presented Philadelphia College of Pharmacy and Science and New York College of Pharmacy with collections of historic mortars and shelf ware of a number of nationalities and periods.

Ivor Griffith, of Philadelphia, addressed the New York Branch, A. Ph. A., at the February meeting, on "The Cosmetic Urge."

The late Elden C. Dewitt, manufacturer of proprietary medicine, left an estate valued at 5 million dollars.

Milton Campbell, president of H. K. Mulford Company, recently visited in Dallas, where, in his earlier years, he contemplated to make his home.

George Decker, of New York, favored the JOURNAL with photos of the home of Priestley, and also a copy of "Mrs. Reynolds and Hamilton" by "Gath." Among the characters of the romance are Priestley, Aaron Burr and others of that period.

George Judisch has favored us with an historical paper relating to Iowa Pharmaceutical Association, which organization celebrated its 50th anniversary this year. Further reference will be made to this paper in a succeeding issue of the JOURNAL.

Secretary Walter D. Adams advises that the Texas pharmacy bill, which carries the prerequisite provision will become a law, having passed both houses of the State Legislature.

Dr. Charles E. Caspari, dean of St. Louis College of Pharmacy celebrated the twenty-fifth anniversary of his membership in the faculty of that institution. He was guest at a dinner given in his honor, attended by the Alumni, fraternal organizations, faculty members and citizens.

Dean William C. Anderson was given a testimonial dinner on February 5th. About 300 friends and colleagues attended the function, to do him honor and give expression to the years of service on the State Board of Pharmacy, from which he has retired. Dr. J. Leon Lascoff presided as Chairman and Dr. George Diekman as toastmaster. The speakers dwelt on the various activities and qualities of the honor guest. Among those responding were Dr. James Sullivan, of the State Educational Department, Dr. George R. Hardin, Dr. Jacob Diener, Pincus Herz, George R. Christ, Nathaniel Nicolai, Dr. A. Percival Lohners and Thomas Brennan.

Fred T. Bridges, of Atlanta, has resigned as Secretary-Treasurer of the Georgia Pharma-