

BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

Compiled by A. G. DuMez, Reporter on the Progress of Pharmacy.

All articles in these lists will be presented in abstract form in the bound volumes of the Year Book, which is issued annually. Those desiring abstracts immediately can obtain them for a fee of one dollar each by communicating with A. G. DuMez, University of Maryland, School of Pharmacy, N. W. cor. Lombard and Greene Sts., Baltimore, Maryland.

APPARATUS AND MANIPULATIONS.

Anon.

Sterilization of dressings

L' Union pharm., 179 (1932); through *Pharm. J.*, 128 (1932), 394

Dalsgaard, A. Torstensen

Dry sterilization of cork stoppers

Dansk Tids. Farm., 6 (1932), 88

Eddy, C. W.

An anti-foam stillhead

Ind. Eng. Chem., Analyt. Edit., 4 (1932), 198

Hunwicke, R. F.

Sterilization by filtration

Pharm. J., 128 (1932), 350

Greenish, Henry G., and Holder, Eldred J.

An autoclave for pharmacists

Pharm. J., 128 (1932), 355

PHARMACEUTICAL PREPARATIONS.

Dumont, P., and Declerck, A.

Alterations and impurities of compound licorice powder

J. pharm. Belg., 14 (1932), 339

Hublet, Paul

Comparative study of the vinegars and medicinal wines of the Belgian Pharmacopœias III and IV

J. pharm. Belg., 14 (1932), 303

Hublet, Paul

Comparative study of the plasters of the Belgian Pharmacopœias III and IV

J. pharm. Belg., 14 (1932), 323

Rupp, E.

Phosphorous solutions of the German Pharmacopœia

Apoth.-Ztg., 47 (1932), 559

Schmatolla, Otto

Aluminum acetate in prescriptions

Pharm. Ztg., 77 (1932), 484

PHARMACOLOGY, TOXICOLOGY AND THERAPEUTICS.

Biggam, A. G., *et al.*

Heroin addiction

Lancet, 18 (1932), 923

Broom, W. A., *et al.*

Variation in the susceptibility of different colonies of mice toward the toxic action of aconite

Quart. J. Pharm. & Pharmacol., 5 (1932), 33

Chen, A. Ling

Preliminary observations with theophylline mono-ethanolamine

J. Pharmacol. & Exper. Therap., 45 (1932), 1

Crawford, Albert S.

Intracarotid treatment of meningitis with Pregl's iodine solution

J. A. M. A., 98 (1932), 1531

Elphick, G. K., and Gunn, J. A.

Pharmacological action of some alkyl derivatives of harmol

Quart. J. Pharm. & Pharmacol., 5 (1932), 37, 48, 56, 63

Epstein, D.

Action of emetine and cephæline on the circulation, uterus and intestine

Quart. J. Pharm. & Pharmacol., 5 (1932), 21

Gruber, Charles M., *et al.*

Action of colocynth and podophyllin on the intact intestine of non-anesthetized dogs

J. Pharmacol. & Exper. Therap., 45 (1932), 77

Harrop, George A., *et al.*

Addison's disease treated with suprarenal cortical hormone

J. A. M. A., 98 (1932), 1525

Jampolis, Mark, and Londe, Sol.

Need of larger doses of viosterol in severe rickets

J. A. M. A., 98 (1932), 1637

Leulier, A., and Postic, F.

Influence of nitration and amination on the physical and physiological properties of rutonal and luminal

Bull. sci. pharmacol., 39 (1932), 215

Levy, Jeanne, and Beaune, A.

Antagonism of camphor and potassium chloride

Bull. sci. pharmacol., 39 (1932), 217

Novelli, Armando

Biologic standardization of commercial powders and tinctures of digitalis

Anales farm. bioquím., 2 (1931), 161; through *Chem. Abstr.*, 26 (1932), 2553

Novelli, Armando

Biologic standardization of folliculin

Anales farm. bioquím., 2 (1931), 179; through
Chem. Abstr., 26 (1932), 2553

Pabst, M. L., and Bliss, A. Richard

Chemical and biological standardization of oleoresin of aspidium

JOUR. A. PH. A., 21 (1932), 431

Phillips, M. A.

Toxicity and chemical constitution of mercurochrome

Quart. J. Pharm. & Pharmacol., 5 (1932), 1

Richler, Oscar, *et al.*

Treatment of pernicious anemia with horse liver extract

J. A. M. A., 98 (1932), 1623

Samaan, Karam

Pharmacological action of visammin

Quart. J. Pharm. & Pharmacol., 5 (1932), 6

Stasiak, Aranka, and Zboray, Bertalan

Biological evaluation of digitalis tinctures prepared by different methods

Magyar Gyógyszerész tud. Társaság Értesítője, 8 (1932), 142; through *Chem. Abstr.*, 26 (1932), 2824

True, Rodney H.

Introduction of Lobelia syphilitica into medicine

Am. J. Pharm., 104 (1932), 279

ANIMAL AND VEGETABLE DRUGS.

Bouquet, J.

Corchorus olitorius, L.

Bull. sci. pharmacol., 39 (1932), 228

Chopra, R. W., *et al.*

Indian squill

Indian Med. Gaz., 12 (1931), 666; through
Pharm. J., 128 (1932), 394

Gerlough, T. D., and Bates, Robert W.

Purification and some properties of insulin

J. Pharmacol. & Exper. Therap., 45 (1932), 19

Marañón, Joaquin

Poisonous constituent of Coriaria intermedia Matsumura

Philippine J. Sci., 47 (1932), 359; through
Chem. Abstr., 26 (1932), 2556

Rom, P.

Examination of small-grain ergot

Pharm. Monatsh., 13 (1932), 84

Schlemmer, F., and Schmitt, H.

Spectrographic investigation of ergot. I. Active constituent of ergot

Arch. Pharm., 270 (1932), 15

Youngken, Heber W.

Pharmacognosy, chemistry and pharmacology

of *Viburnum opulus* L., var. *Americanum* (Miller) Ait.

JOUR. A. PH. A., 21 (1932), 444

ALKALOIDS AND GLUCOSIDES.

Bolotnikov, S. M.

Determination of the alkaloids of Perganum harmala

Farm. Zhur. (1931), 362; through *Chem. Abstr.*, 26 (1932), 2825

Coignet, M.

Contribution to the study of the loganine reaction

J. pharm. chim., 15 (1932), 456

Ekkert, L.

Reactions of tropacocaine

Magyar Gyógyszerész tud. Társaság Értesítője, 8 (1932), 116; through *Chem. Abstr.*, 26 (1932), 2824

Ekkert, L.

Reactions of aconitine

Magyar Gyógyszerész tud. Társaság Értesítője, 8 (1932), 118; through *Chem. Abstr.*, 26 (1932), 2824

Fulton, Charles C.

Precipitating agents for alkaloids

Am. J. Pharm., 104 (1932), 244

Ghosh, Sudhamov, and Bose, Indu Brushan Alkaloids of Holarrhena antidysenterica bark. II

Arch. Pharm., 270 (1932), 100

Gstirner, F.

Determination of alkaloids in sabadilla seed

Pharm. Ztg., 77 (1932), 509

Jaretsky, R., and Wilcke, M.

Heart-active glucosides of Cheiranthus cheiri

Arch. Pharm., 270 (1932), 81

Munch, James C., *et al.*

Alkaloidal reagents. III. Propadrin, its homologs and derivatives

JOUR. A. PH. A., 21 (1932), 463

Peyer, W., and Gstirner, F.

Estimation of lobelia alkaloids

Arch. Pharm., 270 (1932), 44

Rossi, L., *et al.*

Analytical studies of yohimbine

Anales farm. bioquím., 2 (1931), 115, 192; through *Chem. Abstr.*, 26 (1932), 2553

Rusting, N.

Determination of morphine in opium

Pharm. Weekbl., 17 (1932), 433

Sanchez, J. A.

Narceine: New reactions for and interpretation of Wangerin's reaction

Anales farm. bioquím., 2 (1931), 68; through *Chem. Abstr.*, 26 (1932), 2822

Schulek, E., and Szeghő, F.
Determination of small quantities of morphine in acetylsalicylic acid-morphine mixtures
Pharm. Zentralh., 73 (1932), 341

ESSENTIAL OILS.

Claus, P. J.
Vanillin test for ketones and phenols applied to volatile oils
Pharm. Tijdschr., 10 (1932), 21
 Schmalfuss, H., *et al.*
Determination of aldehydes and ketones in essential oils
Z. anal. Chem., 87 (1932), 161; through *J. Soc. Chem. Ind.*, 51 (1932), 368 B

OILS, FATS AND WAXES.

Deeney, James J.
Qualitative tests for the detection of rosin, rosin oil and heavy metals in linseed oil
Am. J. Pharm., 104 (1932), 282
 Peyer, W.
Characteristics of the fats of drugs under the quartz lamp
Pharm. Ztg., 77 (1932), 471

ANALYTICAL METHODS AND RESULTS.

Brand, K., and Strache, Fr.
Detection of acetic acid in formic acid
Pharm. Zentralh., 73 (1932), 289
 Carletti, O.
Color reactions of menthol, eucalyptol and thymol
Boll. chim.-farm., 71 (1932), 139; through *J. Soc. Chem. Ind.*, 51 (1932), 400 B
 Jönsson, August
Determination of silver in organic compounds
Bull. sci. pharmacol., 31 (1932), 209
 Miko, Gyula
Titrimetric and gravimetric estimation of theobromine-sodio-salicylate
Arch. Pharm., 270 (1932), 163
 Oakley, Margarethe, and Krantz, John C., Jr.

Note on the assay of tincture of ferric chloride
JOUR. A. PH. A., 21 (1932), 468
 Schaller, N. C., and Baldinger, L. H.

Note on the assay of hyoscyamus
JOUR. A. PH. A., 21 (1932), 442
 Vieböck, F., and Brecher, C.
Acidimetric estimation of lead salts of the D. A.

B. VI
Arch. Pharm., 270 (1932), 109
 Williams, Rojer, J., and Lyman, Carl M.
Neutral buffered standard for hydrogen-ion work and titrations which can be prepared in one minute
J. Am. Chem. Soc., 54 (1932), 1911

INORGANIC CHEMICALS.

Van Arkel, C. G., and Beek, F.
Investigation of nitrous oxide
Pharm. Weekbl., 17 (1932), 469
 Wlig, Edwin O., and Kistiakowsky, G. B.
Photochemical decomposition of ammonia
J. Am. Chem. Soc., 54 (1932), 1806

ORGANIC CHEMICALS.

Ekkert, L.
Reactions of adaline and bromural
Magyar Gyógyszerész tud. Társaság Értesítője, 8 (1932), 119; through *Chem. Abstr.*, 26 (1932), 2824
 Fischer, Robert
Polymorphism of allylisopropyl-barbituric acid
Arch. Pharm., 270 (1932), 149
 Gilman, Henry, *et al.*
Improved method for the preparation of organolithium compounds
J. Am. Chem. Soc., 54 (1932), 1957
 Kofler, L., and Dernbach, W.
Dimorphism of phenylcinchoninic acid
Arch. Pharm., 270 (1932), 153
 Merz, K. W.
Simple tests for the detection of certain new local anesthetics
Arch. Pharm., 270 (1932), 97

HERBARIA AT KEW, ENGLAND.

There has been considerable activity at Kew during the past year on Chinese material. A large number of living specimens have been received from China for identification. Further progress has been made with the naming of Captain Ward's collection from Upper Burma, which necessitated investigations of a number of genera, especially *Aconitum*, *Dentella* and *Leycesteria*. Important contributions were received from Singapore, Malay States, British North Borneo, Madras and Assam. Many specimens from Malay Archipelago and Phillipine Islands remain to be incorporated in the Herbarium.