

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.

PHARMACOPŒIAS AND FORMULARIES.

- Anon.
Review of the British Pharmacopœia, 1932
Chem. & Drug., 117 (1932), 115, 140
Anon.
Critical review of the British Pharmacopœia
Pharm. J., 129 (1932), 87, 106, 126, 146, 176
Anon.
The British Pharmacopœia, 1932
Perf. & Ess. Oil Rec., 23 (1932), 198

PHARMACEUTICAL PREPARATIONS.

- Eschenbrenner, H.
Preservation of eye drops with the propyl ester of *p*-hydroxybenzoic acid
Apoth.-Ztg., 47 (1932), 630
Gnadinger, C. G., and Core, C. S.
Manufacture of concentrated pyrethrum extract
Ind. Eng. Chem., 24 (1932), 988
Madsen, C. J. Toft
Preparation of fluidextracts by diactionation
Dansk Tids. Farm., 6 (1932), 148
Neugebauer, H.
Identification of homeopathic mother tinctures
Pharm. Ztg., 77 (1932), 796
Schenk-Krefeld, D.
Contribution to the question of the duration of the enzyme activity of pepsin and malt extract
Apoth.-Ztg., 47 (1932), 987
van Giffen, H. J.
Investigation of tablets
Pharm. Weekbl., 69 (1932), 923, 971
Zwikker, J. J. L.
Sediment of tincture of ipecac
Pharm. Weekbl., 69 (1932), 874

PHARMACOLOGY, TOXICOLOGY AND THERAPEUTICS.

- Bach, D.
Studies on antiseptics
Bull. sci. pharmacol., 39 (1932), 425
Bryan-Brown, T.
Pharmacological action of toxine
Quart. J. Pharm. & Pharmacol., 5 (1932), 205

- Burn, J. H., and Elphick, G. K.
Standard of reference for oestrin
Quart. J. Pharm. & Pharmacol., 5 (1932), 192
Butsch, Winfield L.
Cirrhosis of the liver caused by carbon tetrachloride
J. A. M. A., 99 (1932), 728
Dyer, F. J.
Assay of tinctures of digitalis by the colorimetric and biological methods
Quart. J. Pharm. & Pharmacol., 5 (1932), 172
Elphick, G. K., and Gunn, J. A.
Pharmacological action of benzoyl-N-methylhomogranatoline
Quart. J. Pharm. & Pharmacol., 5 (1932), 220
Gaddum, J. H.
Biological assay of strophanthus (Kombé) in comparison with ouabain
Quart. J. Pharm. & Pharmacol., 5 (1932), 274
Gunn, J. W. C., and Epstein, D.
Xenopus in digitalis standardization
Quart. J. Pharm. & Pharmacol., 5 (1932), 180
Hemmingsen, A. M., and Marks, H. P.
Correlation between blood-sugar fall and initial blood-sugar in rabbits injected with insulin
Quart. J. Pharm. & Pharmacol., 5 (1932), 245
Johnson, C. C., et al.
Activity of iodobismitol in experimental rabbit syphilis
J. Pharmacol. & Exper. Therap., 45 (1932), 469
Marks, H. P.
Comparison of the rabbit and mouse methods in the assay of highly active insulin preparations
Quart. J. Pharm. & Pharmacol., 5 (1932), 255
Samaan, Karam
Pharmacological action of khellinin
Quart. J. Pharm. & Pharmacol., 5 (1932), 183
Wokes, F.
Antiseptic value and toxicity of menthol isomers
Quart. J. Pharm. & Pharmacol., 5 (1932), 233

BOTANY AND PHARMACOGNOSY.

- Bancroft, Helen
Herbs, herbals and herbalists
Sci. Monthly, 35 (1932), 239

- Burlage, H. M.
Report on santonin
J. A. O. A. C., 15 (1932), 417
- Freudweiler, R.
Chemical composition of ergot of rye and the estimation of its active principle
Pharm. Acta Helv., 7 (1932), 139
- Kaku, *et al.*
Constituents of Korean phellodendron bark
J. Pharm. Soc., Japan, No. 605 (1932), 73
- Karsmark, K. A.
Senega root
Farm. Revy, 31 (1932), 374, 381
- Massagetov, P. S.
Separation of pure santonin
Khim. Farm. Prom. No. 2-3 (1932), 68; through *Chem. Abstr.*, 26 (1932), 4413
- Youngken, H. W.
Report on a study of aconite and rhubarb
J. A. O. A. C., 15 (1932), 399
- ALKALOIDS AND GLUCOSIDES.**
- Brustier, V., and Domergue, Pierre
Estimation of quinine in globules and complex excipients
J. pharm. chim., 16 (1932), 112
- Cumming, W. M., and Stewart, J. A.
Hydroferro- and hydroferri-cyanides of the alkaloids. Part III
J. Soc. Chem. Ind., 51 (1932), 273T
- Glycart, C. K.
Report on microchemical methods for alkaloids
J. A. O. A. C., 15 (1932), 413
- Goodson, J. A., and Henry, T. A.
Composition of modern quinetum
Quart. J. Pharm. & Pharmacol., 5 (1932), 161
- Gstirner, F.
Estimation of alkaloids in Calabar bean and the aconite alkaloids
Pharm. Zentralh., 73 (1932), 465
- Klein, Gustav, and Schloge, M. Cassiana
Microscopic detection of alkaloids in plants. XVI. Detection of galegine
Oesterreich. Botan. Zeit., 79 (1930), 340; through *Chem. Abstr.*, 26 (1932), 4413
- Roisman, J. S.
Identification and detection of adulteration in stovaine
Z. anal. Chem., 15 (1932), 257; through *J. Soc. Chem. Ind.*, 51 (1932), 751
- Schulek, Elemer, and Szegho, Ferenc
Determination of small quantities of morphine in mixtures with acetyl-salicylic acid
Magyar Gyóg. Társ. Ert., 8 (1932), 216; through *Chem. Abstr.*, 26 (1932), 4412
- Vernon, C. C., and Resch, H. U.
Oxidation of optochin
J. Am. Chem. Soc., 54 (1932), 3455
- Wagner, Otto
Standard method for the determination of nicotine
Chem.-Ztg., 47 (1932), 462; through *Chem. Abstr.*, 26 (1932), 4410
- ESSENTIAL OILS.**
- Brunetti, Antonio
Analysis and adulteration of citric essences
Requind., 1 (1932), 46, 72; through *Chem. Abstr.*, 26 (1932), 4131
- Haccou, A. F.
Java citronella oil
Perf. & Ess. Oil Rec., 23 (1932), 207
- Parry, Ernest J.
Essential oils of the British Pharmacopoeia, 1932
Chem. & Drug., 117 (1932), 154
- OILS, FATS AND WAXES.**
- Bodendorf, K., and Reichner, E.
Thermal decomposition of ergot oil
Arch. Pharm., 270 (1932), 290
- Elm, A. C., and Standen, G. W.
Yellowing of oils. III. Relation between color and chemical constitution of oxidized drying oils
Ind. Eng. Chem., 24 (1932), 1044
- Emmett, A. D., *et al.*
Study of halibut-liver oil
Ind. Eng. Chem., 24 (1932), 1073
- Ender, F., *et al.*
Relation between iodine value and refractive index of fresh and rancid cod liver oil
Arch. Pharm., 270 (1932), 256
- Heiduschka, A., and Endler, A.
Composition of palm oil
Pharm. Zentralh., 73 (1932), 481
- Parry, Ernest J.
Fats, oils and waxes of the British Pharmacopoeia, 1932
Chem. & Drug., 117 (1932), 227
- Roberts, Willard L., and Schuette, H. A.
Determination of hydroxyl number of oils, fats and waxes
Ind. Eng. Chem., Analyt. Edit., 4 (1932), 257
- Stout, Albert W., and Schuette, H. A.
Rye germ oil
J. Am. Chem. Soc., 54 (1932), 3208
- ANALYTICAL METHODS AND RESULTS.**
- Burlage, Henry M., and Smith, Albert C.
Assay of santonin-bearing drugs
J. A. O. A. C., 15 (1932), 491

- Callaway, J., Jr.
Report on the determination of bismuth compounds in tablets
J. A. O. A. C., 15 (1932), 422
Com. Analyt. Reagents
Recommended specifications for analytical reagent chemicals
Ind. Eng. Chem., Analyt. Edit., 4 (1932), 347
Deal, Ernest C.
Report on the assay of belladonna and stramonium ointments
J. A. O. A. C., 15 (1932), 442
Eaton, E. O.
Report on emodin-bearing drugs
J. A. O. A. C., 15 (1932), 406
Fernandez, O., and Socias, L.
Quantitative determination of santonin
Anales soc. españ. fis. quim., 30 (1932), 477; through *Chem. Abstr.*, 26 (1932), 4414
Fisher, H. J., and Bailey, E. M.
Polarimetric method for the determination of calcium gluconate
J. A. O. A. C., 15 (1932), 461
Hubbard, W. S.
Report on the determination of sulphonal and trional
J. A. O. A. C., 15 (1932), 426
Knight, N. L.
Report on the determination of guaiacol
J. A. O. A. C., 15 (1932), 429
Kunke, W. F.
Report on the determination of iodoform in iodoform ointment and gauze
J. A. O. A. C., 15 (1932), 534
McNair, James B.
New method for the determination of propionic acid
J. Am. Chem. Soc., 54 (1932), 3249
Morrell, J. C., and Levine, I. M.
Determination of olefins by bromine titration
Ind. Eng. Chem., Analyt. Edit., 4 (1932), 319
Pappe, T. F.
Report mercurials
J. A. O. A. C., 15 (1932), 409
Rothea, F.
Estimation of lipid-soluble bismuth in oily solutions
J. pharm. chim., 16 (1932), 110
Schulek, Elemer, and Kerenyi, Bela
Determination of cinchophen and salicylic or acetylsalicylic acid in the presence of each other
- Magyar Gyóg. Társ. Ert.*, 8 (1932), 220; through *Chem. Abstr.*, 26 (1932), 4412
Scott, Wilfred W., et al.
Rapid method for the determination of boron
Ind. Eng. Chem., Analyt. Edit., 4 (1932), 306
Sheely, Madison L.
Glycerol viscosity tables
Ind. Eng. Chem., 24 (1932), 1060
Sinton, F. C.
Report on the determination of small quantities of iodides in mixtures
J. A. O. A. C., 15 (1932), 419
Sinton, F. C.
Report on the assay of dextrose solution in ampuls
J. A. O. A. C., 15 (1932), 453
Stone, Carl B.
Report on terpin hydrate
J. A. O. A. C., 15 (1932), 415
Thomann, J.
Evaluation of materials for surgical dressings
Schweiz. Apoth.-Ztg., 70 (1932), 421
Warren, L. E.
Report on the assay of ipomea, jalap and podophylloum
J. A. O. A. C., 15 (1932), 448

ORGANIC CHEMICALS.

- Dolique, R.**
Iodobismuthates of antipyrine, pyramidon and hexamethylenetetramine
Bull. sci. pharmacol., 39 (1932), 418
Ekkert, Lad.
Contribution to the reactions of istizin and chrysophanic acid
Pharm. Zentralh., 73 (1932), 486
Ekkert, Lad.
Contribution to the reactions of veronal, luminal, atophan and novatophan
Pharm. Zentralh., 73 (1932), 487
Ekkert, Lad.
Contribution to the reactions of some guaiacol preparations
Pharm. Zentralh., 73 (1932), 504
Gurchot, Chas., et al.
Physical and chemical properties of sodium iodobismuthite
J. Pharmacol. & Exper. Therap., 45 (1932), 427
Pincass, Heinrich
Calcium gluconate
Pharm. Zentralh., 73 (1932), 469