

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.

- Buchi, J.
Preparation of decoctions and infusions with the aid of the Jeaner glass filter apparatus
Pharm. Acta Helv., 8 (1933), 52
- Coulthard, C. E.
Sterilization of pharmaceutical preparations
Pharm. J., 130 (1933), 266, 286, 315
- Mihalovici, Ar.
Sterilization of sodium bicarbonate solutions
Pharm. Zentralh., 74 (1933), 211
- Schwenke, B.
A new suppository press
Pharm. Ztg., 78 (1933), 391
- Todd, J. P., and Baird, Janet Y.
Sterilization of sodium bicarbonate
Pharm. J., 130 (1933), 246

PHARMACEUTICAL PREPARATIONS.

- Angeletti, Antonio
Some physical incompatibilities of pharmaceutical preparations
Ann. Schiapparelli, 6 (1932), 191; through *Chem. Abstr.*, 27 (1933), 1712
- Anon.
Solution of acriflavine in liquid paraffin
Pharm. J., 130 (1933), 288
- Berry, H.
Galenic preparations of the British Pharmacopœia, II
Pharm. J., 130 (1933), 287
- Buchi, J.
Use of *p*-oxybenzoic acid ester in stabilizing pharmaceutical preparations
Pharm. Acta Helv., 8 (1933), 27
- Bull, B. A.
Manufacture of the galenic preparations of the British Pharmacopœia
Pharm. J., 130 (1933), 317
- Fantus, Bernard, *et al.*
Study of vehicles for medicines
JOUR. A. PH. A., 22 (1933), 323
- DeKay, H. G., and Lee, C. O.
Study of the change in p_H of Elixir Ferric Pyrophosphate, Quinine and Strychnine, N. F. V
JOUR. A. PH. A., 22 (1933), 316

- Mackie, H. B.
Galenic preparations of the British Pharmacopœia, I
Pharm. J., 130 (1933), 271
- Milne, George R., and Rattray, Gordon
Fungal growths in Liquor Arsenicalis B. P., 1932
Pharm. J., 130 (1933), 246
- Pajetta, Emilio
Changes and keeping qualities of syrups of ferrous iodide
Officina, 5 (1932), 261; through *Chem. Abstr.*, 27 (1933), 1712
- Schorn, E. J.
Percentage solutions of the British Pharmacopœia, 1932
Pharm. J., 130 (1933), 247
- Zietan, Karl
Investigation of the preparation of primula tincture and fluidextract
Apoth.-Ztg., 48 (1933), 369

PHARMACOLOGY, TOXICOLOGY AND THERAPEUTICS.

- Broom, W. A.
Commercial assay of vitamine D
J. Soc. Chem. Ind., 52 (1933), 105T
- Dolman, C. E.
Treatment of localized staphylococcal infections with staphylococcus toxoid
J. A. M. A., 100 (1933), 1007
- Fowlkes, R. W.
Dermatitis due to nupercaine
J. A. M. A., 100 (1933), 1171
- Geiger, J. C.
Methylene blue solutions in the treatment of carbon monoxide poisoning
J. A. M. A., 100 (1933), 1103
- Griffiths, H. N., *et al.*
Stability of vitamine A in cod liver oil emulsions
Analyst, 58 (1933), 65
- Hollander, Lester
Urticaria due to senna leaves
J. A. M. A., 100 (1933), 1329
- Kariyone, T., and Ohkura, K.
Testing of medicinal spirits
J. Pharm. Soc. Japan, No. 613 (1933), 46

Mascrè, M., *et al.*

Biologic assay of powdered squill

Bull. sci. pharmacol., 40 (1933), 129

Ogata, A., and Ito, Y.

Investigation of sex hormones of the male

J. Pharm. Soc. Japan, No. 613 (1933), 39

Southgate, B. A.

Toxicity of mixtures of poisons

Quart. J. Pharm. & Pharmacol., 5 (1933), 639

BOTANY AND PHARMACOGNOSY.

Beguïn, Charles

Reducing sugar in the flowers of *Matricaria*

Chamomilla

J. pharm. chim., 17 (1933), 241

Castiglioni, A.

Examination of saffron and rhubarb in ultra-violet light

Ann. fals., 26 (1933), 41; through *J. Soc.*

Chem. Ind., 52 (1933), 284

Freise, Fred W.

Brazilian species of *Chenopodium*

Perf. & Ess. Oil Rec., 24 (1933), 88

Freise, Friedr. W.

Notes on Peru balsam from Brazil

Pharm. Zentralh., 74 (1933), 223

Harris, Loyd, and Griffith, Ina

Study of the flowering branches of *Amphichrysis Dracunculoides*

JOUR. A. PH. A., 22 (1933), 306

Harrington, Charles Robert, and Randall, Sydney Stewart

Note on the water-soluble iodine content of desiccated thyroid gland

Quart. J. Pharm. & Pharmacol., 5 (1933), 629

Jones, H. A.

Rotenone content of Derris root, cube root and other plant materials

J. Wash. Acad. Sci., 23 (1933), 36; through

J. Soc. Chem. Ind., 52 (1933), 248

Puntambekar, S. V., and Krishna, S.

Storage of *Strychnos nux-vomica* seeds

Quart. J. Pharm. & Pharmacol., 5 (1933), 633

ALKALOIDS AND GLUCOSIDES.

Burlage, H. M., *et al.*

Assay of *nux vomica* by a methoxy-difference method

JOUR. A. PH. A., 22 (1933), 298

Goryainova, N. S.

Determination of theobromine

Khim. Farm. Prom., 6 (1932), 226; through

J. Soc. Chem. Ind., 52 (1933), 332

Horkheimer, Ph.

Alkaloidal assay of extract of belladonna containing glycyrrhiza

Pharm. Ztg., 78 (1933), 404

Janot, M., and Bernier, M.

Localization of the alkaloids in peyote

Bull. sci. pharmacol., 40 (1933), 145

Klan, Zdnek, F.

Influence of fertilizers on the alkaloidal content of *hyoscyamus* leaves

Časopis, Českoslov. Lékárnictva, 13 (1933), 117

Mannich, C., and Budde, H.

Synthesis of some substances related to ephedrine

Arch. Pharm., 271 (1933), 54

Noetzel, O.

Detection and estimation of strychnine in urine

Pharm. Zentralh., 74 (1933), 205

Orekhov, A. P., and Konovalova, R. A.

Alkaloids from *Leontice ewersmani*

Khim. Farm. Prom., 10 (1932), 371; through

Chem. Abstr., 27 (1933), 1714

Self, P. A. W.

Alkaloidal assays of the British Pharmacopœia, 1932. II. Detailed methods

Pharm. J., 130 (1933), 243

Watt, J. M., *et al.*

Solanocapsine, a new alkaloid with a cardiac action

Quart. J. Pharm. & Pharmacol., 5 (1933), 649

OILS, FATS AND WAXES.

Collin, G.

Fatty acid and glyceride structure of the seed fat of *Myristica Malabarica*

J. Soc. Chem. Ind., 52 (1933), 100T

ESSENTIAL OILS.

Augustin, B., and Janicsek, M.

Apparatus for the determination of essential oils in drugs

Bull. sci. pharmacol., 40 (1933), 153

Kovalev, T. G., and Illarionov, V. V.

Dielectric constants of ethereal oils in relation to their constitution and constituents

J. prakt. Chem., 135 (1932), 305; through

Chem. Abstr., 27 (1933), 1715

Palkin, S., and Wells, P. A.

Composition of the non-phenol portion of Bay oil

J. Am. Chem. Soc., 55 (1933), 1549

Palkin, S., and Wells, P. A.

Crystallizable chavicol and eugenol from Bay oil

J. Am. Chem. Soc., 55 (1933), 1556

Warren, L. E.

Some observations on the constants of oil of spearmint

JOUR. A. PH. A., 22 (1933), 294

ANALYTICAL METHODS AND RESULTS.

Bliss, A. Richard, Jr., *et al.*

U. S. P. and a modified method for the assay of oleoresin of aspidium

JOUR. A. PH. A., 22 (1933), 289

Bliss, A. Richard, Jr., *et al.*

Study of the assay procedure for camphorated tincture of opium, U. S. P.

JOUR. A. PH. A., 22 (1933), 291

Bordelanu, C. V.

Determination of thymol

Z. anal. Chem., 91 (1933), 421; through *Pharm. Ztg.*, 78 (1933), 376

De Graaff, J.

Determination of the volume percentage of alcohol at 4° C. in water-alcohol mixtures

Pharm. Weekbl., 70 (1933), 338

Deininger, J.

Contribution to the procedure for microsublimation and micromelting point determinations

Pharm. Ztg., 78 (1933), 362

Fiszerman-Garber, D., and Fiszerman, J. H.

Destruction of organic matter in the analysis of powdered liver and kidney preparations

Bull. sci. pharmacol., 40 (1933), 157

Flück, H., *et al.*

Analysis of tablets supplied to the Army

Pharm. Acta Helv., 8 (1933), 38

Hagland, J. M. A.

Volumetric determination of opial

Pharm. Weekbl., 70 (1933), 354

Kolthoff, I. M.

Diphenylamine sulphonic acid as a reagent for the colorimetric determination of nitrates

J. Am. Chem. Soc., 55 (1933), 1448

Kolthoff, I. M., *et al.*

Volumetric determination of nitrates with ferrous sulphate as reducing agent

J. Am. Chem. Soc., 55 (1933), 1454

Peyer, W., *et al.*

Comparative studies on the evaluation of ergot

Pharm. Ztg., 78 (1933), 420

Pincass, H.

Analysis of skin creams

Pharm. Zentralh., 74 (1933), 132

Rees, Henry George, and Salway, Arthur Henry

Note on the B. P. method of determining iodine in desiccated thyroid gland

Quart. J. Pharm. & Pharmacol., 5 (1933), 627

Reith, J. F.

Detection of silver in bismuth salts

Pharm. J., 130 (1933), 316

Schulek, Elemer, and Gervag, Vilma

Determination of hexamethylenetetramine in drug mixtures

Magyar Gyóg. Társ. Ért., 9 (1933), 26; through *Chem. Abstr.*, 27 (1933), 1984

Stschigol, M. B.

Quantitative determination of halogens in organic pharmaceutical preparations

Pharm. Zentralh., 74 (1933), 177

INORGANIC COMPOUNDS.

Easson, Alexander Peter Tawse, and Pyman, Frank Lee

Chemical constitution of oil-soluble basic bismuth salts

J. Soc. Chem. Ind., 52 (1933), 97T

Husa, William J., and Magid, Louis

Effect of various compounds on the stability of hydriodic acid

JOUR. A. PH. A., 22 (1933), 279

Macmorran, George H.

Solubility of calcium lactate

Pharm. J., 130 (1933), 245

ORGANIC COMPOUNDS.

Hoffmann, Alexander, and Fari, Lászeo

Chemical constitution of rottlerin

Arch. Pharm., 271 (1933), 97

von Sztankay, Aba

Chemical constitution of theobromine compounds of the diuretin type

Pharm. Zentralh., 74 (1933), 225

Wagenaar, M.

Para-amido-benzoic acid ethyl ester (anæsthesin)

Pharm. Weekbl., 70 (1933), 322

STROPHANTHUS DIFFERENTIATION.

Strophanthus hispidus may be distinguished from *S. kombé* and *S. gratus* by the presence of calcium oxalate which shows up as strongly anisotropic crystal rosetts when cotyledons are examined in polarized light. M. Wagenaar, *Pharm. Weekblad.*, 69 (1932), 1257-1263.