

# BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

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

All articles recorded 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, Hygienic Laboratory, U. S. P. H. S., 25th & E Sts., Washington, D. C.

## APPARATUS AND MANIPULATIONS.

Jander, Gr.

**Care and preservation of membrane filters**

*Ztschr. angew. Chem.* (1922), 270; through

*Schweiz. Apoth.-Ztg.*, 60 (Oct. 1922), 567

Karrer, S., Johnston, F. H., and Wulf, O. R.

**Glass pressure gage**

*J. Ind. Eng. Chem.*, 14 (Nov. 1922), 1015

Kraus, Chas. A., and Dexter, Wilbur B.

**Improved water still**

*J. Am. Chem. Soc.*, 44 (Nov. 1922), 2468

Philip, G.

**Bottle-washing machine**

*Chem. & Drug.*, 97 (Nov. 1922), 675

Schieber, W.

**Rapid dialyzer**

*Ber. deutsch. chem. Ges.*, 55 (1922), 1518;

through *Südd. Apoth.-Ztg.*, 62 (Sept. 1922),

396

## PHARMACOPOEIAS AND FORMULARIES.

Anon

**Announcement of revision of the Swiss Pharmacopoeia**

*Chem. & Drug.*, 97 (Oct. 1922), 588

## PHARMACEUTICAL PREPARATIONS.

Bachstetz, M.

**Composition and chemical properties of Pregle's iodine solution**

*Ber. deutsch. pharm. Ges.*, 32 (Sept. 1922), 216

Cederberg, Hilmer

**Preparation of fluidextract and decoction of cinchona**

*Svensk Farm. Tidskr.*, 26 (Oct. 1922), 447

Collard, M. E.

**Assay of tincture of iodine**

*Schweiz. Apoth.-Ztg.*, 60 (1922), 611

Collard, E.

**Assay of ointments**

*Ann. Falsif.*, 14 (1921), 409; through *J.*

*pharm. Belg.*, 4 (Oct. 1922), 753

Engfeldt, N. O.

**Action of Dakin's hypochlorite solution on certain organic substances**

*Z. physiol. Chem.*; through *J. Chem. Soc.*, 122 (1922), I, 812

Éwe, George E.

**Syrup of hydriodic acid that does not discolor with age**

*Pract. Drug.*, 40 (Nov. 1922), 24

Fantus, Bernard, and Snow, C. M.

**Improving the keeping qualities of chalk mixture**

*J. AM. PHARM. ASSOC.*, 11 (Oct. 1922), 795

Hessler, Elmer H.

**Variance in powdered extracts**

*J. AM. PHARM. ASSOC.*, 11 (Oct. 1922), 800

Hommell, P. E.

**Peanut oil as a base for camphor liniment**

*Pract. Drug.*, 40 (Nov. 1922), 18

Janisch, J.

**Simple method for the estimation of formaldehyde in the solution of the German Pharmacopoeia**

*Apoth.-Ztg.*, 37 (1922), 134; through *Pharm.*

*Zentr.*, 63 (Oct. 1922), 539

Kolthoff, I. M.

**Estimation of iodine in pills of ferrous iodide**

*Pharm. Weekbl.*, 59 (Nov. 1922), 1100

Kühl, Hugo

**Emulsions and their preparation**

*Südd. Apoth.-Ztg.*, 62 (Aug. 29, 1922), 372

Schulte, M. J.

**Estimation of iodine in pills of ferrous iodide**

*Pharm. Weekbl.*, 59 (Oct. 1922), 1046

Stekhoven, W. Schurmans

**Vehicle for benzyl benzoate**

*Ned. Tijdschr. v. Geneesk.*, 1 (1922), 291,

through *Südd. Apoth.-Ztg.*, 62 (Aug. 25,

1922), 368

Winterfeld, K.

**Determination of ammoniated mercury in ointment of ammoniated mercury**

*Apoth.-Ztg.* (1922), 194; through *J. pharm.*

*Belg.*, 4 (Oct. 1922), 721

## PHARMACOLOGY AND THERAPEUTICS.

Anon

**Metals in colloidal form as remedial agents**

*Am. Drug.*, 70 (Nov. 1922), 48

Anon

**Antiseptic action of coal-tar dyes***J. A. M. A.*; through *Merck's Rep.*, 31 (Oct. 1922), 149

Anon

**Antiseptic properties of silver nitrate***Savoir*, No. 36 (Sept. 9, 1922); through *J. pharm. Belg.*, 4 (Oct. 1922), 701

Bruhns

**Experiences with neosilversalvarsan***Arch. Dermat. u. Syphilis*, 138, pp. 251-52; through *Chem. Zentralbl.*, 3 (Aug. 30, 1922), 684

Gibbs, O. S.

**Oedema of para-phenylenediamine***J. Pharm. & Exp. Therap.*, 20 (Oct. 1922), 221

Giroux and Deglande

**Use of bismuth salts in the treatment of syphilis***Gaz. hopitaux* (Aug. 5, 1922); through *Repert. pharm.*, 34 (Oct. 1922), 298

Houbner, W.

**Action of ergot preparations***Klin. Wchnschr.* (1922), No. 29; through *Pharm. Ztg.*, 67 (Nov. 1, 1922), 937

Kroeber, L.

**New conceptions of the action of ergot***Heil- u. Gewürzpflanzen* (1922), 57; through *Pharm. Weekbl.*, 59 (Nov. 1922), 1103

Lukens, R. M.

**Use of chaulmoogra oil in the treatment of laryngitis***Merck's Rep.*, 31 (Oct. 1922), 138

Markwalder, J.

**Activity of squill***Klin. Wchnschr.* (1922), 212; through *J. pharm. Belg.*, 4 (Oct. 1922), 701

Morel, A., and Rochaix, A.

**Bactericidal action of volatile oils***Bull. soc. biol.*, 86, p. 933; through *J. pharm. Belg.*, 4 (Oct. 1922), 701

Salant, William, and Kleitman, Nathaniel

**Studies on the action of barium***J. Pharm. & Exp. Therap.*, 20 (Nov. 1922), 247

Schwartz, Erich W.

**Variation in toxicity of arsenious oxide***J. Pharm. & Exp. Therap.*, 20 (Oct. 1922), 181

Torraca, L.

**Action of quinine and methylene blue on wounds***J. A. M. A.*; through *Merck's Rep.*, 31 (Oct. 1922), 148

Widal, Abrami Joltrain

**Anaphylaxis to ipecac and emetine***Presse méd.* (Apr. 22 1922); through *J. pharm. chim.*, 26 (Oct. 1922), 269GENERAL BOTANY AND  
BACTERIOLOGY.

Kerschenbaum

**Ziehl's method for staining tubercle bacilli***Beitr. Klin. Tuberk.*; through *Pharm. Zentr.*, 63 (Oct. 1922), 527

Kroeber, L.

**Rayless chamomile***Südd. Apoth.-Ztg.*, 62 (1922), 320; through *Pharm. Zentr.*, 63 (Sept. 1922), 513

Tschirch, A.

**Detachment of fruits of the Compositae from their receptacles***Schweiz. Apoth.-Ztg.*, 60 (Oct. 1922), 589

Vrgoč, A.

**Anatomy of tissues separating the fruits of Compositae from their receptacles***Ber. deutsch. pharm. Ges.*, 32 (Sept. 1922), 176

## VEGETABLE AND ANIMAL DRUGS.

Anon

**Drug output in the U. S.***Pract. Drug.*, 40 (Oct. 1922), 58

Ahluquist, Alfred

**Ash content of certain vegetable drugs***Svensk Farm. Tidskr.*, 26 (Oct. 1922), 437

Ballard, C. W.

**History of cocillana and substitute barks***J. AM. PHARM. ASSOC.*, 11 (Oct. 1922), 781

Calvert, Ralph L.

**Medicinal charcoal***J. AM. PHARM. ASSOC.*, 11 (Oct. 1922), 798

DeMonicault, P.

**Ergot of wheat***Schweiz. Apoth.-Ztg.*, 60 (Oct. 1922), 590

Dezani, S.

**Falsification of salep tubers***Arch. farmacol. sper.*, 32 (1921), 11; through *J. pharm. Belg.*, 4 (Oct. 1922), 754

Kiefer, Hans

**Pharmacy and chemistry of *Adonis aestivalis* L.***Schweiz. Apoth.-Ztg.*, 60 (Oct. 1922), 561

Knapp, A. W.

**Injury to cocoa stores by insects***Bull. Imper. Inst.* (London), 19 (1921), 189 through *Südd. Apoth.-Ztg.*, 62 (Aug. 25, 1922), 369

Kroeber, L.

***Cnicus benedictus****Südd. Apoth.-Ztg.*, 62 (Aug. 1922), 363

Penick, S. B.

**Sources of crude drugs***Pract. Drug.*, 40 (Nov. 1922), 25

Rusby, H. H.

**Medicinal plants of Bolivia***J. AM. PHARM. ASSOC.*, 11 (Oct. 1922), 775

Schoeller, A.

**Micro method for the determination of ash**  
*Ber. deutsch. chem. Ges.* (1922), 2191; through  
*Pharm. Zentr.*, 63 (Sept. 1922), 509

#### ALKALOIDS AND GLUCOSIDES.

Acton, Hugh W.

**Cinchona alkaloids**

*Lancet*; through *J. Chem. Soc.*, 122 (Sept. 1922),  
I, 809

Azadian, A.

**Silicotungstic acid in the determination of  
caffeine**

*Bull. soc. chim. Belg.* 31 (1922), 15; through  
*Südd. Apoth.-Ztg.*, 62 (Sept. 1922), 395

Braecke, M.

**Application of the biochemical method to the  
detection of glucosides in some plants of the  
Scrophulariaceae family**

*Bull. soc. chim. biol.* (1922), 407-414; through  
*J. pharm. Belg.*, 4 (Oct. 1922), 735

Brandstetter

**Microchemical detection of cocaine in coca**

*Pharm. Monatsh.*, 3, p. 193; through *Drug.*  
*Circ.*, 66 (Nov. 1922), 446

DeFazi, Remo

**Synthesis of new glucosides**

*Atti r. accad. dei Lincei, Roma*, 31, I, 209-  
212; through *Chem. Zentralbl.*, 3 (Aug. 30,  
1922), 673

Frey

**Differentiation of caffeine and theobromine**

*Pharm. Monatsh.*, 3, p. 73; through *Drug.*  
*Circ.*, 66 (Nov. 1922), 446

Goris, A., and Costy, P.

**Nature of the alkaloids contained in extract  
of belladonna**

*Bull. sci. pharmacol.*, 28 (1922), 545; through  
*J. pharm. chim.*, 26 (Oct. 1922), 266

Goris, A., and Costy, P.

**Preparation and racemisation of hyoscy-  
amine**

*Bull. sci. pharmacol.*, 29 (1922), 113; through  
*J. pharm. chim.*, 26 (Oct. 1922), 265

Hardy, Paul

**Volatilization and hydrolysis of atropine in  
toxicology**

*J. pharm. chim.*, 26 (Sept. 1922), 220

King, Harold

**Isolation of muscarine**

*J. Chem. Soc.*, 121 (Sept. 1922), 1743

Knudson, Arthur, and Dresbach, Melvin

**Chemical method of estimating the active  
principles of digitalis**

*J. Pharm. & Exp. Therap.*, 20 (Oct. 1922), 205

Kofler, L.

**Identification and quantitative estimation of the  
saponins**

*Ztschr. Unters. Nahr.- u. Genussm.*, 43 (1922),  
278; through *Pharm. Zentr.*, 63 (Sept. 1922),  
509

Liotta, D.

**Modified method of extraction of alkaloids**

*Arch. farmacol. sperm.*, 32, p. 27; through  
*J. pharm. Belg.*, 4 (Oct. 1922), 752

Schulze, Heinrich, and Pieroh, Kurt

**Betulin**

*Ber. deutsch. chem. Ges.*, 55 (Sept. 1922), 2332

Wall, Th.

**Formula of delphinine**

*Arch. Pharm.*, 260 (1922), 9; through *Südd.*  
*Apoth.-Ztg.*, 62 (Sept. 1922), 395

Winterstein, E., and Iatrides, D.

**Preparation and properties of taxine**

*Ztschr. physiol. Chem.*, 117 (1921), 240; through  
*Südd. Apoth.-Ztg.*, 62 (Aug. 1922), 365

#### OILS, FATS AND WAXES.

Anon

**New plant wax from Madagaskar**

*Pharm. Zentr.*, 63 (Sept. 1922), 514

Bauer, K. H., and Herberts, K.

**China wood oil**

*Chem. Umschau*; through *J. Chem. Soc.*, 122  
(Sept. 1922), I, 806

Drummond, J. C., and Watson, A. F.

**Reaction of codliver oil with sulphuric acid**

*Analyst* (1922), 341; through *Pharm. Weekbl.*,  
59 (Oct. 1922), 1085

Gill and Simms

**Micro methods in the analysis of fats**

*Chem. Umschau*, 29 (1922), 12; through *Pharm.*  
*Zentr.*, 63 (Oct. 1922), 548

Gränacher, Ch.

**Preparation of fatty acids by the oxidation of  
paraffin**

*Chem. Umschau*, 28 (1922), 235; through  
*Pharm. Zentr.*, 63 (Sept. 1922), 496

Langton, H. M.

**Saponification of oils and fats**

*J. Oil & Colour Chem. Assoc.*; through *J.*  
*Soc. Chem. Ind.*, 41 (Oct. 31, 1922), 825A

von Boyen, Edg.

**Artificial beeswax**

*Chem.-Ztg.*, 46 (1922), 185; through *Südd.*  
*Apoth.-Ztg.*, 62 (Aug. 1922), 368

#### ESSENTIAL OILS.

Anon

**Essential oils of the Japanese Pharmacopoeia**

*Perf. & Ess. Oil Rec.*, 13 (Oct. 1922), 359

Ajou, G.

**Adulteration of lemon oil with terpenes**

*Riv. It. Essenze e Profumi*, 3 (1921), 47; through  
*Südd. Apoth.-Ztg.*, 62 (Aug. 1922), 369.

Delance, Raymond

**Relations between odor and molecular structure**

*Perf. & Ess. Oil Rec.*, 13 (Oct. 1922), 351

Goris, A., and Vischniac, Ch.

**Essential oil of violet roots**

*Bull. Sci. Ind.*; through *J. Chem. Soc.*, 122  
(Sept. 1922), I, 848

Martin, F.

**Determination of borneol**

*Pharm. Monatsh.*, 3 (1922), 111; through

*Pharm. Zentr.*, 63 (Oct. 1922), 547

Massera, V.

**Essential oil from *Cinnamomum glanduliferum***

*Riv. It. Essenze e Profumi*; through *J. Soc.*

*Chem. Ind.*, 41 (Oct. 31, 1922), 836A

Puxeddu and Vodret

**Essential oil of the berries of *Juniperus phoenicea***

*Perf. & Ess. Oil Rec.* (Oct. 1922), 361

Roure-Bertrand Fils

**Essential oils**

*Bull. Sci. Ind.*; through *J. Chem. Soc.*, 122

(Sept. 1922), I, 845, 846 and 847

Roure-Bertrand Fils

**Two Indo-Chinese oils**

*La Parfumerie Moderne*; through *J. Chem. Soc.*,

122 (Sept. 1922), I, 846

Salamon, Maurice S.

**Determination of total geraniol content of citronella oil**

*Perf. & Ess. Oil Rec.* (Oct. 1922), 357

Utz

**Detection of alcohol in essential oils**

*Deutsch. Parf. Ztg.* (1921), 207; through

*Repert. pharm.*, 34 (Oct. 1922), 309

Zwaardemaker

**Odor and chemical constitution**

*Chem. Zentralbl.*, 3 (Aug. 30, 1922), 685

MISCELLANEOUS PLANT

CONSTITUENTS.

Freudenberg, Karl, and Vollbrecht, Erich

**The tannin of native oaks**

*Ber. deutsch. chem. Ges.*, 55 (Sept. 1922), 2420

Freudenberg, Karl, and Scilasi, Wilhelm

**Chinese tannin**

*Ber. deutsch. chem. Ges.*, 55 (Sept. 1922), 2813

Guerbert, Marcel

**Characterization of the coloring matter in saffron**

*J. pharm. chim.*, 26 (Sept. 1922), 218

Ott and Eichler

**Chavicin, the active principle of black pepper**

*Ber. deutsch. chem. Ges.*, 55 (1922), 2654;

through *Perf. & Ess. Oil Rec.*, 13 (Oct. 1922), 366

Scholder, Rudolf

**Pigments of flowers**

*Südd. Apoth.-Ztg.*, 62 (Aug. 1922), 353

Tiebackx, F. W.

**Colloidal arabinic acid and arabinic acid plus gelatin**

*Pharm. Weekbl.*, 59 (Oct. 1922), 1014, 1056

Ullmann, Alfred

**Tyramine, the active constituent of the seeds of *Carduus marianus*, L.**

*Biochem. Ztschr.*, 128 (1922), 402; through

*Schweiz. Apoth.-Ztg.*, 60 (Oct. 1922), 545

Winterstein, E., and Teleczky, J.

**Constituents of saffron. I. Picrocrocine**

*Schweiz. Apoth.-Ztg.*, 60 (Oct. 1922), 573

GENERAL AND PHYSICAL  
CHEMISTRY.

Anon

**Compilation of tests known by the names of the originators**

*Merck's Rep.*, 31 (Oct. 1922), 151

Baudisch, Oskar, and Bass, Lawrence W.

**Iron as a light-chemical catalyser**

*Ber. deutsch. chem. Ges.*, 55 (Sept. 1922), 2698

Bechhold, H., and Hebler, F.

**Turbidity standard**

*Kolloid-Ztschr.*; through *J. Soc. Chem. Ind.*,

41 (Oct. 31, 1922), 839A

Carr, F. H.

**Formula for a universal indicator**

*Analyst* (1922), 196; through *Merck's Rep.*,

31 (Oct. 1922), 141

Dede, L., and Bonin, P.

**Prevention of hydrogen sulphide precipitation by neutral chlorides**

*Ber. deutsch. chem. Ges.*, 55 (Sept. 1922), 2327

Éwe, George E.

**The centrifuge as a time-saver in pharmaceutical analysis**

*Pract. Drug.*, 40 (Oct. 1922), 21

Hendrixson, W. S., and Verbeck, L. M.

**Standardization of titanous solutions**

*J. Am. Chem. Soc.*, 44 (Nov. 1922), 2382

Kraus, Chas. A., and Kurtz, Herman F.

**Conductance of solutions of salts in phenol at 50°**

*J. Am. Chem. Soc.*, 44 (Nov. 1922), 2463

Lecher, Hans, and Simon, Kurt

**Valence of sulphur**

*Ber. deutsch. chem. Ges.*, 55 (Sept. 1922), 2423

Rosenthaler, L.

**Oxalic acid for standardization in iodometry and argentometry**

*Ztschr. anal. Chem.*, 61 (1922), 219; through *Südd. Apoth.-Ztg.*, 62 (Sept. 1922), 379

Sidgwick, Nevil V., and Ewbank, Elinor K.

**Solubilities of the alkali salts of benzoic and hydrobenzoic acids in water**

*J. Chem. Soc.*, 121 (Sept. 1922), 1844

Sidgwick, Nevil V., and Gentle, Joseph A. H. R.

**Solubilities of alkali formates and acetates in water**

*J. Chem. Soc.*, 121 (Sept. 1922), 1837

Weiss

**Preparation of normal solutions**

*Reichenberger Apoth.-Ztg.*; through *Pharm. Ztg.*, 67 (Oct. 25, 1922), 914

**INORGANIC CHEMICALS.**

Cabannes

**Iron as an impurity in heavy magnesium oxide**

*Repert. pharm.*, 34 (Oct. 1922), 289

Carpenter, Cl. D.

**Melting points of inorganic substances**

*Chem. Met. Eng.*, 24 (1921), 569; through *Südd. Apoth.-Ztg.*, 62 (Aug. 1922), 357

Fabrègue

**Double citrate of bismuth**

*Compt. rend. soc. biol.*, 86 (1922), 139; through *Südd. Apoth.-Ztg.*, 62 (Sept. 1, 1922), 378.

Fleissig, P.

**Iodine content of sodium chloride**

*Schweiz. Apoth.-Ztg.*, 60 (Oct. 1922), 591

Hoffers, R.

**New method for detecting antimony**

*Drogenhändler* (1921), No. 104; through *Südd. Apoth.-Ztg.*, 62 (Aug. 1922), 358

Karrer, Sebastian, and Wulf, Oliver R.

**Preparation of pure ozone**

*J. Am. Chem. Soc.*, 44 (Nov. 1922), 2391

Lockemann, G.

**Preparation of arsenic-free chemicals**

*Ztschr. angew. Chem.*; through *Pharm. Ztg.*, 67 (Oct. 18, 1922), 893

Maass, O., and Hotcher, W. H.

**Properties of pure hydrogen peroxide**

*J. Am. Chem. Soc.*, 44 (Nov. 1922), 2472

Merck, E.

**Explosive properties of mercury oxycyanide**

*Pharm. Ztg.*, 67 (Apr. 1922), 284

Meyer, Jul.

**Preparation of selenium dioxide**

*Ber. deutsch. chem. Ges.*, 55 (1922), 2082; through *Pharm. Zentr.*, 63 (Oct. 1922), 547

Muller, John H.

**Gravimetric determination of germanium**

*J. Am. Chem. Soc.*, 44 (Nov. 1922), 2493

Müller, N. R.

**Action of light on soluble ferric phosphate**

*J. Am. Pharm. Assoc.*, 11 (Oct. 1922), 787

Polonovski, M.

**Estimation of barium**

*Bull. soc. chim.*; through *J. Soc. Chem. Ind.*, 41 (Oct. 31, 1922), 840A

Riesefeld, E. H., and Schwab, G. M.

**Ozone**

*Ber. deutsch. chem. Ges.*, 55 (1922), 2088; through *Pharm. Zentr.*, 63 (Oct. 1922), 539

Rosenthaler, L.

**Iodometric method for the determination of arsenic**

*Ztschr. anal. Chem.*, 61 (1922), 222; through *Südd. Apoth.-Ztg.*, 62 (Sept. 1, 1922), 378

Wendt, Gerald L., Lanauer, Robert S., and Ewing, W. W.

**"Activation" of chlorine**

*J. Am. Chem. Soc.*, 44 (Nov. 1922), 2377

**ORGANIC CHEMICALS.**

Anon

**Solvent properties and uses of cyclohexanol**

*Merck's Rep.*, 31 (Oct. 1922), 138

Anon

**Formulas for the direct estimation of glucose and saccharose in fruit juices, etc.**

*Ztschr. Unters. Nahr.- u. Genussm.*, 42 (1921), 382; through *Pharm. Zentr.*, 63 (Sept. 1922), 512

Anon

**Metaldehyde as a fuel**

*Chem. & Met. Eng.* (Aug. 1922); through *Merck's Rep.*, 31 (Oct. 1922), 146

Asahina, Y., and Mituhari, S.

**Oxidation of menthone with ferric chloride**

*J. Pharm. Soc. Japan* (1922), No. 482; through *Südd. Apoth.-Ztg.*, 62 (Sept. 1922), 380

Auerbach, Fr.

**Sweetening power of artificial sweeteners**

*Die Naturwissenschaften*, 1922, No. 33; through *Pharm. Ztg.*, 67 (Nov. 1922), 948

Biedermann, W.

**Action of pepsin and trypsin on diastase**

*Biochem. Ztschr.*, 127 (1922), 38; through *Südd. Apoth.-Ztg.*, 62 (Sept. 1922), 395

Boedecker, F., and Volk, H.

**Unsaturated gallic acids**

*Ber. deutsch. chem. Ges.*, 55 (Sept. 1922), 2302

Carnot, Paul, and Tiffeneau, Marc

**Ethylbutylbarbituric acid**

*Compt. rend.*; through *J. Chem. Soc.*, 122 (Sept. 1922), I, 900

Fabre, René

**Reaction of veronal and hypnotics derived from barbituric acid**

*J. pharm. chim.*, 26 (Oct. 1922), 241

- Fleury, Paul, and Boutot, Louis  
**Adaptation of a modified Lehmann's method to the estimation of small quantities of reducing sugars**  
*J. pharm. chim.*, 26 (Sept. 1922), 209
- Fontes, G., and Thivolle, L.  
**Micro determination of lactose in milk**  
*Compt. rend. soc. biol.*, 86 (1922), 164; through *Repert. pharm.*, 34 (Oct. 1922), 294
- Ginnings, P. M., and Noyes, W. A.  
**Bromonitrocamphane**  
*J. Am. Chem. Soc.*, 44 (Nov. 1922), 2567
- Hawley, L. F., and Aiyar, S. S.  
**Methoxyl in the product of wood distillation**  
*J. Ind. Eng. Chem.*, 14 (Nov. 1922), 1055
- Jacob, Kenneth D., and Geldard, Walter J.  
**Determination of total nitrogen in cyanamide and nitrate mixtures**  
*J. Ind. Eng. Chem.*, 14 (Nov. 1922), 1045
- Köpke, O., and Bodländer, E.  
**Determination of benzoic acid in margarine**  
*Pharm. Ztg.*, 67 (Nov. 1922), 947
- Krull, R.  
**Investigation of the method of Causse-Bonnan for the quantitative determination of glucose**  
*Pharm. Weekbl.*, 59 (Oct. 1922), 1035
- Leuchs, Hermann, Mildbrand, Hans, and Leuchs, W. Robert  
**Decomposition of cacotheline by bromine**  
*Ber. deutsch. chem. Ges.*, 55 (Sept. 1922), 2403
- Levinson, Samuel  
**Simple test for the detection of isopropyl alcohol**  
*Pract. Drug.*, 40 (Nov. 1922), 38
- Macallum, A. Douglas  
**Examination of French neoarsphenamine**  
*J. Am. Chem. Soc.*, 44 (1922), 2578
- MacLaurin, J. S.  
**Formation of phenol by putrefaction**  
*Analyst* (1922), 294; through *Pharm. Weekbl.*, 59 (Oct. 1922), 1045
- Meerwein, Hans, and Jousen, Jacob  
**Preparation of bornylene**  
*Ber. deutsch. chem. Ges.*, 55 (Sept. 1922), 2529
- Mendelsohn, Simon  
**Alkali-consuming factor of glucose with respect to the Fehling reduction test**  
*Am. Drug.*, 70 (Nov. 1922), 33
- Monroe, Kenneth P.  
**Phthalic anhydride**  
*J. Ind. Eng. Chem.*, 14 (Nov. 1922), 1084
- Murayama, Y., and Aoyama, S.  
**Constituents of earth worms**  
*J. Pharm. Soc. Japan*, No. 484 (1922); through *Pharm. Zentr.*, 63 (Sept. 1922), 508
- Ogata, Akira, and Miyashita, Chûji  
**Homologues of menthol**  
*J. Pharm. Soc. Japan*; through *J. Chem. Soc.*, 1922 (Sept. 1922), I, 844
- Pepin, C., and Rea Bourg, G.  
**Sulphonated derivatives of natural sulphuretted hydrocarbons**  
*J. pharm. chim.*, 26 (Oct. 1922), 258
- Pickering, J. E.  
**Detection of nitrobenzol**  
*Chem. Trade J.*, 70 (1922), 144; through *Südd. Apoth.-Ztg.*, 62 (Sept. 1922), 379
- Pictet, Amé, and Vernet, Henry  
**Galactosan**  
*Helv. chim. acta*; through *J. Chem. Soc.*, 122 (Sept. 1922), I, 811
- Prins, H. J.  
**Detection of nitro compounds in benzaldehyde and perfumes**  
*Perf. & Ess. Oil Rec.*, 13 (Oct. 1922), 355
- Raiziss, George W., and Gavron, Joseph L.  
**Study of the colloidal properties of arsphenamine and allied products**  
*J. Pharm. & Exp. Therap.*, 20 (Oct. 1922), 163
- Reclaire, A.  
**Note on the detection of nitrobenzene in benzaldehyde**  
*Perf. & Ess. Oil Rec.*, 13 (Oct. 1922), 356
- Ritter, G. J., and Fleck, L. C.  
**Chemistry of wood**  
*J. Ind. Eng. Chem.*, 14 (Nov. 1922), 1050
- Ruddiman, Edsel A.  
**Incompatibilities of aspirin**  
*J. AM. PHARM. ASSOC.*, 11 (Oct. 1922), 796
- Sborowsky, M. and I.  
**New accelerator for use in the determination of nitrogen**  
*Ann. chim. anal. chim. appl.*, (1922), 266; through *J. pharm. Belg.*, 4 (Oct. 1922), 752
- Schwarz, P.  
**Detection of benzol in benzene**  
*Chem. Ztg.* (1922), 401; through *Südd. Apoth.-Ztg.*, 62 (Sept. 1922), 379
- Sidgwick, Nevil V., and Taylor, Thomas, W. J.  
**Solubility and volatility of 3:5-dinitrophenol**  
*J. Chim. Soc.*, 121 (Sept. 1922), 1853
- Steinkopf, Wilhelm, and Donat, Hans, and Jaeger, Paul  
**Organic arsenic compounds. VIII**  
*Ber. deutsch. chem. Ges.*, 55 (Sept. 1922), 2597
- Taylor, Robert S., and Smith, Leighton B.  
**Properties of ether at low temperatures**  
*J. Am. Chem. Soc.*, 44 (Nov. 1922), 2450

Voegtlin, Carl, and Johnson, J. M.

**Preparation of sulfarsphenamine**

*J. Am. Chem. Soc.*, 44 (Nov. 1922), 2573

Wastenson, Hugo

**Testing of ether**

*Svensk Farm. Tidskr.*, 26 (Oct. 1922), 474

Wieland, Heinrich and Bettag, Ludwig

**The Friedel-Craft reaction**

*Ber. deutsch. chem. Ges.*, 55 (Sept. 1922), 2246

Willstätter, R., and Kalb, L.

**Reduction of lignin and carbohydrates by hydriodic acid and phosphorus**

*Ber. deutsch. chem. Ges.*, 55 (Sept. 1922), 2637

**CLINICAL AND DIAGNOSTIC METHODS.**

Arreguine, V., and Garcia, E. D.

**Color reaction of urea**

*Ann. Assoc. Quim. Argentina*, 9 (1921), 183;  
through *J. pharm. Belg.*, 4 (Oct. 1922), 754

Tramasure, M.

**Cryogenine in urine**

*J. pharm. Belg.*, 4 (Oct. 1922), 767

Van Eck, P. N.

**Detection of blood**

*Pharm. Weekbl.*, 59 (Nov. 1922), 1098

## COUNCIL BUSINESS

A. PH. A. COUNCIL LETTER NO. 3.

(Continued from p. 973, November Journal.)

16. *Election of active members:* No. 17, Raymond H. Duke, Mason City, Nebraska; No. 18, Joe Cording, Litchfield, Nebraska; No. 19, William Daniel Barnett, Gaithersburg, Md.; No. 20, T. Leith Gill, 5626 Connecticut Ave., Washington, D. C.; No. 21, Charles W. Wagner, 1101 5th St., N. W., Washington, D. C.; No. 22, K. E. Thompson, Colome, S. Dak.; No. 23, T. F. Nagee, Whitefish, Mont.; No. 24, Dr. K. Wientjes, Toendjoengan 35, Soerabaja, Ned. Oost Indie; No. 25, F. V. Cassaday, c/o The Cassaday Drug Co., 444 East Main St., Alliance, Ohio; No. 26, George L. Burroughs, Univ. School of Pharmacy, University, Miss.; No. 27, W. H. Ya Deau, 116 Maiden Lane, New York, N. Y.; No. 28, William Ferdinand Trukenbrod, 120 Jefferson St., Monroe, Wis.; No. 29, Otto L. Uhlig, Spearfish, S. Dak.; No. 30, Miss Alice Lucile Ritchie, 2139 Auburn Ave., Christ Hospital, Cincinnati, Ohio; No. 31, Neil E. Gordon, 2320 Reistertown Rd., Baltimore, Md.; No. 32, Sister Lucian Woodlock, St. Joseph's Hospital, Linwood & Prospect Sts., Kansas City, Mo.; No. 33, Edward F. Wagener, 1502 Shelby St., Indianapolis, Ind.; No. 34, Sister Mary Dominic, St. John's Hospital, St. Louis, Mo.; No. 35, Sister Mary Alfreda, E. Morgan St., Boonville, Mo.; No. 36, Susana F. Blechle, St. Mary's Hospital, East St. Louis, Ill.; No. 37, Sister M. Delphine Wendel, St. Mary's Hospital, Jefferson City, Mo.; No. 38, Sister M. Leonilla Hahn, St. Mary's Infirmary, 1536 Papin St., St. Louis, Missouri; No. 39, Sister Mary Theophila, Grand & Chippewa Sts., St. Louis, Mo.; No. 40, Edward S. Rose, 2056 4th Ave., Cedar Rapids, Iowa. A. G. DUMÉZ, *Secretary*.

A. PH. A. COUNCIL LETTER NO. 4.

WASHINGTON, D. C., October 30, 1922.

To the Members of the Council

17. (*Motion No. 5.*) *Motion to table the resolutions of the Ohio State Pharmaceutical Association (see Item 14).* Under date of October 20, 1922, Secretary Day writes from Chicago as follows:

"Concerning the resolution submitted to the Council by the Council of the Ohio State Pharmaceutical Association, I am of the opinion that the Council of the A. Ph. A. should proceed cautiously. I realize that the situation in the state of Ohio on account of the state law enactment is such that pharmacists may be embarrassed if the deletion of wines and sherry wine from the new National Formulary is carried out but, at the same time, I believe that the Council of the A. Ph. A. would set a bad precedent if it overrules the action of the National Formulary Committee.

"The National Formulary Committee has no doubt considered carefully the deletion of these preparations and presumably possesses information that the A. Ph. A. Council does not have.

"I think that our immediate step should be to refer this resolution to the National Formulary Committee so as to give the Committee an opportunity to reconsider the matter if they wish to do so or to make a statement to the Council of the reasons which have led to their decision to delete wines and sherry wine from the next revision of the National Formulary. Meanwhile, I understand that the question of the admission of whisky and brandy to the Pharmacopoeia has been revived and it occurs to me that there is a possibility that not only