

BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

Conducted by H. V. Arny, Reporter on the Progress of Pharmacy, Chairman of the Committee on Research.

On these pages, each month, will be found a list of articles on pharmaceutical research that appear in the pharmaceutical and other scientific journals of the world. Whenever possible, the list appearing a certain month will record articles appearing in American journals of the preceding month and articles appearing in foreign journals will be recorded as quickly as possible after the journals reach the Reporter.

All articles appearing in these lists will be presented in abstract form in the bound volumes of the YEAR BOOK, which will be issued as soon after the end of the year represented as editing and printing conditions permit. Those desiring abstracts immediately can obtain same for a fee of one dollar each by communicating with H. V. Arny, 115 West 68th St., New York, and arrangements can also be made for securing photographic reproduction of entire articles at moderate prices when such are desired.

PHARMACOPOEIAL REVISION.

Anon

New Norwegian Pharmacopoeia

J. Am. Pharm. Assoc., 9 (Sept. 1920), 926

APPARATUS AND MANIPULATIONS.

Alliott, E. A.

Plate filter presses

J. Soc. Chem. Ind., 39 (Aug. 31, 1920), 261T

Gee, W. J.

Centrifugal filtration

J. Soc. Chem. Ind., 39 (Aug. 16, 1920), 255T

Teale, T. P.

History of the clinical thermometer

Lancet; through *Pharm. J.*, 105 (Aug. 21, 1920), 222

PHARMACEUTICAL PREPARATIONS.

Angerhausen, J.

Rhubarb juice

Z. Unters. Nahr. Genussm.; through *J. Soc. Chem. Ind.*, 39 (Aug. 16, 1920), 556A

Anon

Bogus solution of aluminum acetotartrate

Schweiz. Apoth. Ztg., 58 (Aug. 5, 1920), 423

Anon

Rhubarb wine alcohol-free

Z. Oest. Apoth. Ver.; through *Pharm. Zent.*, 61 (June 10, 1920), 331

Bergmann, M.

Soap from paraffin

Drogenhändler; through *Pharm. Zent.*, 61 (June 17, 1920), 345

Blumann, E. L.

Pyoktanin gauze for infected wounds

Therap. Gegenw.; through *Pharm. Ztg.*, 65 (July 10, 1920), 511

Brenner, M.

Physical chemistry of solution of aluminum acetate

Pharm. Zent., 61 (July 8, 1920), 399

Breteau

Dakin's solution

Rep. pharm.; through *Schweiz. Pharm. Ztg.*, 58 (Aug. 26, 1920), 437

Ferraro

Preparation of tincture of iodine

Boll. chim. farm.; through *Schweiz. Apoth. Ztg.*, 58 (Aug. 5, 1920), 400.

Johannessen

Dakin's solution

Arch. Pharm. Chem.; through *Schweiz. Apoth. Ztg.*, 58 (Aug. 26, 1920), 437

Kobenhäusser

Preparation of opodeldoc

Pharm. Post.; through *Pharm. Zent.*, 61 (June 10, 1920), 330

Kroeber, L.

Fluidextract of shepherd's purse

Heil-Gewurz. Pflanz.; through *Pharm. Zent.*, 61 (July 15, 1920), 396

Lueders, C.

Intravenous injections of iron albuminate

Med. Klin.; through *Pharm. Ztg.*, 65 (July 3, 1920), 492

Maendl, H.

Intravenous injections of calcium salts

Med. Klin.; through *Pharm. Ztg.*, 65 (July 7, 1920), 503

Narbona

Mercurial ointment

Rest. farm.; through *Schweiz. Apoth. Ztg.*, 58 (Aug. 26, 1920), 436

Nordström

Manufacture of extract of nux vomica
Apoth. Ztg.; through *Chem & Drug.*, 93 (Aug. 28, 1920), 1210

Robb, F. C. C.

Manufacture of gums and pastilles
Pharm. J., 105 (Aug. 14, 1920), 187

Scoville, W. L.

Function of glycerin in fluidextracts and tinctures.

J. AM. PHARM. ASSOC., 9 (Sept. 1920), 868

Scoville, W. L.

Influence of hydrochloric acid on cinchona preparations

J. AM. PHARM. ASSOC., 9 (Sept. 1920), 864

Sells, A. J.

Manufacture and standardization of Dakin's solution

J. AM. PHARM. ASSOC., 9 (Sept. 1920), 881

Utz

Defective tablets

Pharm. Zent., 61 (June 27, 1920), 349

GENERAL BOTANY AND BACTERIOLOGY.

Eckelmann, E.

Bacteria that survive fractional sterilization
Chem. Tech. Uebers.; through *Pharm. Zent.*, 61 (July 1, 1920), 372

Fischer

Influence of carbon dioxide on plant growth
Chem. Ztg.; through *Pharm. Ztg.*, 65 (June 26, 1920), 470

Guillermont, A.

Cellular elements

Compt. rend.; through *J. pharm. chim.*, 22 (July 16, 1920), 72

Maquenne, L., and Demoussy, S.

Copper in the ground and in plants

Bull. Soc. Chim.; through *J. pharm. chim.*, 22 (Aug. 1, 1920), 116

Morris

Culture media for organisms used in vaccines
Indian J. Med.; through *Am. J. Pharm.*, 92 (Aug. 1920), 600

Rouquier, A., and Tricoire, R.

Action of ether on microbes

Compt. rend. soc. biol.; through *Pharm. J.*, 105 (Aug. 14, 1920), 188

Stapf, O.

A new genus of grasses

Kew Bull.; through *Pharm. J.*, 105 (Aug. 7, 1920), 178

Thieulin, R.

Action of heptocalase on diphtheria toxalbumines

J. pharm. chim., 22 (July 16, 1920), 49

THERAPEUTICS AND NEW REMEDIES.

Abelous, J. E., and Soula, L. C.

Action of secretion on metabolism

Compt. rend.; through *J. pharm. chim.*, 22 (Aug. 1, 1920), 125

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Eucatropine

J. Am. Med. Assoc.; through *Am. Drug.*, 68 (Sept. 1920), 43

Blaschko, H.

Humagsolan as hair restorer

Dtsch. Med. Wschr.; through *Pharm. Zent.*, 61 (July 8, 1920), 386.

Brunecke

Therapeutics of nirvanol

Pharm. Ztg., 65 (July 10, 1920), 511

Ghadiali, D. B.

Curative action of light

Stand. Rem.; through *Pharm. Era*, 53 (Sept. 1920), 274

Heubner, W.

Physical theory of pharmacological action

Biochem. Zsch.; through *Pharm. Zent.*, 61 (July 8, 1920), 386

Klotz, M.

Necrosis from quinine injections

Therap. Monatsh.; through *Pharm. Ztg.*, 65 (July 7, 1920), 503

Mayer, E.

Caution concerning Pantopan

Berl. Klin. Wsch.; through *Pharm. Zent.*, 61 (June 10, 1920), 331

Merz, H.

Treatment of dandruff

Korres. Bl. Schweiz. Aertze.; through *Pharm. Zent.*, 61 (June 10, 1920), 332

Pletsch, J.

Iodine as influenza preventative

Dtsch. Med. Wschr.; through *Pharm. Zent.*, 61 (July 1, 1920), 374

Uhlenhuth, E.

Calcium salts for tetanus of children

J. Gen. Physiol.; through *Pharm. Zent.*, 61 (July 8, 1920), 387

VEGETABLE AND ANIMAL MATERIA
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Bulgarian rose oil
Sudd. Apoth. Ztg.; through *D. A. Apoth. Ztg.*,
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Chrysalis fat
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Examination of wool-fat
Chem. Umschau.; through *Pharm. Zent.*, 61
(July 1, 1920), 368
- Anon
Malay drug venders in the East Indies
Pharm. Era, 53 (Sept. 1920), 263
- Anon
Sium sisarum as source of sugar
Neuests. Erfind. u. Erfahr.; through *Pharm.*
Zent., 61 (July 8, 1920), 386
- Aguilar, R.
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Chem. Umschau.; through *Pharm. Zent.*, 61
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- Andées, L. F.
The weathering of copal and amber
Chem. Umschau.; through *Pharm. Zent.*, 61
(July 8, 1920), 382
- Auenmiller
Drug assays
Schweiz. Apoth. Ztg., 58 (Aug. 26, 1920) 433
- Borisch
Purified storax
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- Caillas, A.
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Chaulmoogra oil in leprosy
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J. Soc. Chem. Ind., 39 (Aug. 31, 1920), 2967
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Histology of *Peucedanum sativum*
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Qualitative separation of resins in mixtures
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Z. Oest. Apoth. Ver.; through *Pharm. Ztg.*, 65
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Constitution of the elements
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- Hull, A. W.
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Modified Van Deen reaction
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Ancient theories of matter
Nat. Drug., 50 (Sept. 1920), 437
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Spontaneous evaporation
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Solubility of volatile oils in mixtures of alcohol and water
J. AM. PHARM. ASSOC., 9 (Sept. 1920), 878
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Chemistry of alcoholic fermentation
Ber.; through *Pharm. Zent.*, 61 (July 15, 1920),
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Tartaric acid compounds of antimony
Bull. soc. chim.; through *J. Soc. Chem. Ind.*,
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Influence of ammonium salts on the precipitation of magnesium hydroxide
Helv. chim. Acta.; through *Pharm. Zent.*, 61
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Simple test for carbon monoxide
Compt. rend. acad. mid.; through *Pharm. Weekblad*, (July 31, 1920), 891
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Nitrate assay of drinking water
Water; through *Pharm. Weekblad*, 57 (July 31, 1920), 892
- Metzl, A.
Gravimetric assay of cobalt and nickel
Z. anal. Chem.; through *Pharm. Zent.*, 61 (July 1, 1920), 371
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Volumetric assay of manganese
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J. Ind. Eng. Chem., 12 (Sept. 1920), 844
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Hydrogen dioxide assay
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Oil of *Melaleuca leucodendron*
Roure, Bertrand's Bull.; through *Pharm. Era*, 53 (Sept. 1920), 273
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Preservation of volatile oils
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Compt. rend.; through *J. Soc. Chem. Ind.*, 39 (Aug. 16, 1920), 554A
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Chem. Ztg.; through *J. Soc. Chem. Ind.*, 39 (Aug. 16, 1920), 557A
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Detection of acetates in mixtures
Chem. News; through *Pharm. Era*, 53 (Sept. 1920), 274
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Cryoscopic assay of cane sugar
Proc. Dublin Sci. Soc.; through *Pharm. Weekblad*, 57 (Aug. 14, 1920), 941
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Biochemic production of pyruvic acid
Compt. rend.; through *J. pharm. chim.*, 22 (Aug. 1, 1920), 126
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Products of oxidation of paraffin
Chem. Ztg.; through *J. pharm. chim.*, 22 (Aug. 1, 1920), 111

Gaffery

Quinine hydrobromide

J. Am. Med. Assoc.; through *Pharm. J.*, 105
Aug. 21, 1920), 220

Grove, O.

Influence of concentration of sugar solutions
on growth of microorganisms*Pharm. Weekblad*, 57 (July 31, 1920), 893

Guerbet, M.

Toxicological detection of atropine, cocaine
and stovaine*Compt. rend.*; through *J. Soc. Chem. Ind.*, 39
(Aug. 16, 1920), 559A

Hartmann and Zila

Fate of quinine in the organism

Arch. Exp. Path. Pharm.; through *Pract. Drug.*,
38 (Sept. 1920), 36

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Vanillin reactions

Z. anal. Chem.; through *Pharm. Zent.*, 61 (June
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Quantitative test for methyl alcohol in ethyl
alcohol*Pharm. Zent.*, 61 (July 1, 1920), 361

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Synthesis of purin glucosides

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385

Hess, K., and Weltzein, W.

Decomposition of isoconiine

Ber.; through *Pharm. Zent.*, 61 (July 1, 1920),
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Wij's iodine number

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Oxidation of paraffin with free oxygen

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Antipyrine-benzoic acid compound

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39 (Aug. 16, 1920), 557A

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Resistance of aconitine to putrefaction

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Dtsch. Med. Wsch.; through *Pharm. Ztg.*, 65 (July 10, 1920), 510
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Hinhede

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Chem. Umschau; through *Pharm. Zent.*, 61
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Hydrogen sulphide in South American sea
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White, F. A.

Centenary of the Paris Hospital House

Am. Drug., 68 (Sept. 1920), 28

PROCEEDINGS OF THE LOCAL BRANCHES

"All papers presented to the Association and its branches shall become the property of the Association, with the understanding that they are not to be published in any other publication than those of the Association, except by consent of the Committee on Publication."—By-Laws, Chapter X, Art. III.

Reports of the meetings of the Local Branches should be mailed to the Editor on the day following the meeting, if possible. Minutes should be typewritten, with wide spaces between the lines. Care should be taken to give proper names correctly, and manuscript should be signed by the reporter. To maintain its activity and representation each Branch should see that at least three of its meetings, during the year, are reported in the JOURNAL.

NORTHERN OHIO BRANCH.

A meeting of the Northern Ohio Branch of the American Pharmaceutical Association was held Friday, July 9, at Western Reserve University School of Pharmacy. President O. E. Muhlhahn presided.

Reports were heard from delegates and others who attended the meeting of the American Pharmaceutical Association and the Centenary meeting for the revision of the United States Pharmacopoeia. Professor

Spease gave a general report of the meetings, and called attention to the excellent papers that were read in the various Sections. He expressed the hope that more druggists from Ohio would attend the annual convention.

R. W. Terry read a paper on Aromatic Cascara and Milk of Magnesia. W. M. Fox reported on an interview he had with Prohibition Commissioner John F. Kramer while in Washington. W. F. HAGEMASTER,
Secretary.

COUNCIL BUSINESS

A. PH. A. COUNCIL LETTER NO. 5. (Abstract.)

WASHINGTON, D. C., August 18, 1920.

13. *Election of members—result of vote.* Motion No. 11 (Applications Nos. 43-83, inclusive, for active membership) and motion No. 12 (Applications Nos. 12-15, inclusive, for soldier and sailor membership) have each received a majority of affirmative votes.

14. *Relates to correction in name and address of member of Council.* The name and address of Mr. Porterfield as given in Council Letter No. 1, Item 2, should be changed to W. P. Porterfield, Fargo, North Dakota.

15. *Nominations made to fill vacancies on the Publication Committee (Items 4, 8, 10).*

16. *Budget for the Year Book.* Secretary Day writes from Chicago under date of August 11, 1920: "The budget item for the Year Book is only \$4,000. The expense for the current Year Book for printing, binding and mailing is \$5,006.28. In addition, some

other expenses have been incurred by Reporter Arny and there will be still some expense for postage for mailing extra copies."

The Finance Committee approves of an additional appropriation of \$1100.00 to cover this deficit.

A motion to appropriate this additional sum for the budget of the Year Book is made by W. B. Day and seconded by J. A. Koch. A vote card is enclosed.

A. G. DuMEZ, *Secretary.*

A. PH. A. COUNCIL LETTER NO. 6. (Abstract.)

WASHINGTON, D. C., September 21, 1920.

17. *Additional appropriation for budget of the Year Book—Result of vote.* Motion No. 16, a motion to appropriate an additional \$1100 for the budget of the Year Book has received a majority of affirmative votes.

18. *Election of members to fill vacancies on the Publication Committee (Items 4, 8, 10, 15).*