

# BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

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

On this page, 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.

- |  |   |
|--|---|
| Abelmann   | Anon  |
| Colorimetric test for mercury.   | Gums of Mesopotamia   |
| <i>Pharm. Zentralh.</i> ; through <i>Drug. Circ.</i> , 64<br>Feb. 1920), 63            | <i>Bd. Trade J.</i> ; through <i>J. Soc. Chem. Ind.</i> , 39<br>(Jan. 15, 1920), 16 |
| Allan, N.  | Anon  |
| Kerosene for insect bites  | Liquid soaps  |
| <i>J. Am. Med. Assoc.</i> ; through <i>Am. J. Pharm.</i> ,<br>92 (Jan. 1920), 59       | <i>Seifenfabrikant</i> ; through <i>Am. Drug.</i> 68 (Jan.<br>1920), 21             |
| Alpers   | Anon  |
| Fruit kernel oils  | Making impervious corks   |
| <i>Z. Unt. Nahr. Gen. Chem.</i> ; through <i>Drug.<br/>Circ.</i> , 64 (Feb. 1920), 63  | <i>Pharm. Zentralh.</i> ; through <i>D. A. Apoth. Ztg.</i> ,<br>40 (Jan. 1920), 144 |
| Anklesaria   | Anon  |
| Platinic chloride in pneumonia   | Manihot seed oil  |
| <i>Indian. Med. Gaz.</i> ; through <i>Am. J. Pharm.</i> ,<br>92 (Jan. 1920), 61        | <i>J. Ind. Eng. Chem.</i> (Feb. 1920), 182  |
| Anon   | Anon  |
| Benzyl benzoate on protozoal dysentery   | New Zealand kauri   |
| <i>J. Am. Med. Assoc.</i> ; through <i>Am. J. Pharm.</i> ,<br>92 (Jan. 1920), 60       | <i>Am. Drug.</i> , 68 (Jan. 1920), 22   |
| Anon   | Anon  |
| Calcreose  | Preservation of orange and lemon juice  |
| <i>The Prescriber</i> ; through <i>Am. J. Pharm.</i> , 92<br>(Jan. 1920), 47           | <i>Lancet</i> ; through <i>Pharm. Era.</i> , 53 (Feb. 1920),<br>50                  |
| Anon   | Anon  |
| Collection of Curaçao aloes  | Wine in neurasthenia  |
| <i>Pharm. Weekblad</i> ; through <i>Pharm. Era.</i> , 53<br>(Feb. 1920), 50            | <i>Gen. Therap.</i> ; through <i>Pharm. J.</i> , 104 (Jan. 10,<br>1920), 28         |
| Anon   | Armanni, G., and Rodano, A. G.  |
| Disintegrating tablets   | Petrolatum assay  |
| <i>Pharm. Post.</i> ; through <i>D. A. Apoth. Ztg.</i> , 40<br>(Jan. 1920), 144        | <i>Ann. chim. applic.</i> ; through <i>Am. J. Pharm.</i> ,<br>92 (Jan. 1920), 52    |
| Anon   | Arny, H. V., and Schaefer, H. H.  |
| "Grillo" sulphuric acid plant  | Assay of menthol in alcoholic solution  |
| <i>J. Soc. Chem. Ind.</i> ; through <i>J. Ind. Eng. Chem.</i> ,<br>12 (Feb. 1920), 181 | <i>Am. Drug.</i> 68 (Jan. 1920), 20   |
|  | Arthurs, M.   |
|  | Venom of bee stings   |
|  | <i>J. pharm. chim.</i> ; through <i>Am. J. Pharm.</i> , 92<br>(Jan. 1920), 26       |

- Astruc and Pichard  
Glycyrhizin Assay  
*J. pharm. chim.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 54
- Baskerville, Chas.  
Wood alcohol coöperative caution  
*J. Ind. Eng. Chem.*, 12 (Jan. 1920), 81
- Baughman, W. F., and Jamieson, G. S.  
Hubbard Squash seed oil  
*J. Am. Chem. Soc.*, 42 (Jan. 1920), 152
- Bertrand, Brocq-Rousseau and Dassonville  
Chloropicrin as bed bug killer  
*Compt. rend.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 59
- Beyer, O.  
Chemical adulteration in saccharin-bicarbonate tablets  
*Chem. Ztg.*; through *J. Soc. Chem. Ind.*, 39 (Jan. 15, 1920), 42A
- Blair, H. W.  
Scotch chamomiles  
*Pharm. J.*, 104 (Jan. 3, 1920), 8
- Blomberg  
Color test for tincture of strophanthus  
*Pharm. Ztg.*; through *Drug. Circ.*, 64 (Feb. 1920), 64
- Borisch  
Effect of cold on cod liver oil  
*Pharm. Zentralh.*; through *Drug. Circ.*, 64 (Feb. 1920), 64
- Borisch  
Palthé senna  
*Pharm. Zentralh.*; through *Drug. Circ.*, 64 (Feb. 1920), 64
- Bohrisch, P.  
Saponification of beeswax  
*Pharm. Zentralh.*; through *J. Ind. Eng. Chem.*, 39 (Jan. 31, 1920), 71A
- Borntrager  
Purifying acacia  
*Rep. Pharm.*; through *Drug. Circ.*, 64 (Feb. 1920), 64
- Boyer and Bauzil  
Assay of phosphites and hypophosphites  
*J. pharm. chim.*; through *Drug. Circ.*, 64 (Feb. 1920), 62
- Brittain, E. H.  
Aluminum flares  
*Chem. and Drug.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 42
- Burgo, N. E.  
Saccharin stimulates body oxidation  
*Science*; through *Am. J. Pharm.*, 92 (Jan. 1920), 58
- Cabannes, E.  
Dose of camphor  
*Bull. Soc. Pharm. Bordeaux*; through *Pharm. J.*, 104 (Jan. 10, 1920), 28
- Cabannes, E.  
Incompatibilities of strychnine  
*Rep. Pharm.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 27
- Caille  
Fluidextract of salicaria in dysentery  
*Bull. Gen. Therap.*; through *Pharm. J.*, 104 (Jan. 17, 1920), 46
- Calmette  
Tuberculosis infection  
*Ann. Inst. Pasteur*; through *Am. J. Pharm.*, 92 (Jan. 1920), 54
- Cavalieri  
Hypodermic injections of magnesium sulphate in chorea  
*Rev. clin. med.*; through *Pharm. J.*, 104 (Jan. 17, 1920), 46
- Cofman-Nicoresti, J.  
Specific gravity of guaiacol  
*Pharm. J.*, 104 (Jan. 10, 1920), 26
- Cole and Littman  
Calomel for inunction  
*J. Am. Med. Assoc.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 21
- Cook, E. F.  
New uses for old chemicals  
*Am. J. Pharm.*, 92 (Jan. 1920), 13
- Corfield, C. E., and Caird, E.  
Momordica seed fat  
*Pharm. J.*, 104 (Jan. 17, 1920), 43
- Cunningham  
Adhesive in surgical dressings  
*J. Am. Med. Assoc.*; through *Pharm. Era*, 53 (Feb. 1920), 50
- Debré and Letulle  
Diagnosis of diphtheria bacilli  
*J. Am. Med. Assoc.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 55
- Dieterle, H.  
Crystalline principle from Xanthoxylum budrunga  
*Arch. Pharm.*; through *J. Ind. Eng. Chem.*, 39 (Jan. 31, 1920), 91A
- Dobbin, L.  
Formic acid in the nettle  
*Proc. Roy. Soc. Edin.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 54
- Duret, P.  
Calomel prophylactic ointment  
*Am. Inst. Pasteur*; through *Am. J. Pharm.*, 92 (Jan. 1920), 26

- Edlbacher  
Color reaction of proteins  
*Z. physiol. Chem.*; through *Drug. Circ.*, 64 (Feb. 1920), 64
- Elze, F.  
German oil of rose  
*Chem. Ztg.*; through *J. Soc. Chem. Ind.*, 39 (Jan. 15, 1920), 43A
- Enz  
Detecting sulphurous acid in acetic acid  
*Pharm. Zentralh.*; through *Drug. Circ.*, 64 (Feb. 1920), 64
- Fargher, R. G.  
Assay of organic arsenicals  
*Analysts* through *Am. J. Pharm.*, 92 (Jan. 1920), 51
- Ferenez, A.  
Oil of Cnicus benedictus  
*Arch. Pharm.*; through *J. Ind. Eng. Chem.*, 39 (Jan. 31, 1920), 71A
- Feyer,  
Electrolytic chloroform  
*Z. Electro. Chem.*; through *Chem. and Drug.*, 92 (Jan. 10, 1920), 54
- Fischer, E.  
Propagation of gentian  
*Schweiz. Apoth. Ztg.*; through *Pharm. J.*, 104 (Jan. 24, 1920), 72
- Foran, R. R.  
What is proof spirit  
*Am. J. Pharm.*, 92 (Jan. 1920), 11
- Frerichs  
Detecting guaiac in jalap resin  
*Schweiz. Apoth. Ztg.*; through *Drug. Circ.*, 64 (Feb. 1920), 64
- Freundenberg, K.  
Hamamelis bark tannin  
*Ber.*; through *Pharm. J.*, 104 (Jan. 17, 1920), 43
- Führer, H.  
Disinfection with hydrocyanic acid  
*Pharm. Zentralh.*; through *J. Ind. Eng. Chem.*, 39 (Jan. 31, 1920), 79A
- Gadamer, J.  
Chelidonium alkaloids  
*Arch. Pharm.*; through *J. Ind. Eng. Chem.*, 39 (Jan. 31, 1920), 80A
- Ganassini, D.  
Marsh's test on organic arsenicals  
*Boll. chim. farm.*; through *J. Soc. Chem. Ind.*, 39 (Jan. 15, 1920), 42A
- Gasbarrini  
Stain for tubercle bacilli  
*J. Am. Med. Assoc.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 57
- Gibbs, H. D., and Philips, M.  
Production of carvacrol by alkali fusion  
*J. Ind. Eng. Chem.*, 12 (Feb. 1920), 145
- Haig  
Microscopic diagnosis of amebic dysentery  
*Lancet*; through *Am. J. Pharm.*, 92 (Jan. 1920), 53
- Hamilton, H. C.  
Standardization of blood coagulants  
*J. Am. Pharm. Assoc.*, 9 (Feb. 1920), 118
- Hamman  
Small amounts of sugar in urine  
*J. Canadian Med. Assoc.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 61
- Hennig, A.  
Technical applications for ethyl chloride  
*J. Soc. Chem. Ind.*, 39 (Jan. 15, 1920), 1 T
- Hess, K., and Merck, F.  
New alkaloids from Ormosia dasycarpa  
*Ber.*; through *J. Ind. Eng. Chem.*, 39 (Jan. 31, 1920), 80A
- Hess, K., and Mohr, H.  
Cevine and sabadinine  
*Ber.*; through *J. Ind. Eng. Chem.*, 39 (Jan. 31, 1920), 80A
- Higgins, E.  
Medicinal plants of Brazil  
*Pharm. Era*, 53 (Feb. 1920), 51
- Hill, J. R.  
Ointment of phenol  
*Pharm. J.*, 104 (Jan. 3, 1920), 9
- Hindley, H.  
Assay of iron filings  
*Chem. and Drug.*, 92 (Jan. 31, 1920), 150
- Hold  
Thymolphthalein as indicator  
*Pharm. Zentralh.*; through *Drug. Circ.*, 64 (Feb. 1920), 64
- Holmes, E. M.  
Manna of scripture  
*Chem. and Drug.*, 92 (Jan. 3, 1920), 25
- Houseman, P. A., and Swift, C. K.  
Synthesis of hematoxylin  
*J. Ind. Eng. Chem.*, 12 (Feb. 1920), 173
- Hudson, C. S., and Sherwood, S. F.  
Melezitose in honey  
*J. Am. Chem. Soc.*, 42 (Jan. 1920), 116
- Huerre, R.  
Constituents of lemon juice  
*J. pharm. chim.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 26
- Jeanneuey  
Perfume in chloroform anesthesia  
*J. Med. de Bordeaux*; through *Pharm. J.*, 104 (Jan. 3, 1920), 6

- Jensen, A. S.  
Camphorated oil in sciatica  
*Ugeskrift, laeger*; through *Pharm. J.*, 104 (Jan. 3, 1920), 6
- Keenan, G. L.  
Detection of mowrah meal in insecticides  
*J. Am. Pharm. Assoc.* 9 (Feb. 1920), 144
- Knollmann, H. J.  
Making radioactive brick  
*J. Am. Chem. Soc.*; through *Pharm. J.*, 104 (Jan. 10, 1920), 28
- Kolthoff  
Sulphide assay  
*Pharm. Weekblad*; through *Drug. Circ.*, 64 (Feb. 1920), 63
- Kroeker  
Testing alkalinity of glassware  
*Pharm. Zentralh.*; through *Drug. Circ.*, 64 (Feb., 1920), 63
- Kunz-Krause and Richter  
Standardizing acid and alkali volumetric solutions  
*Arch. Pharm.*; through *Drug. Circ.*, 64 (Feb. 1920), 63
- Lascoff, J. L.  
Abuse of the "Shake-Well" label  
*J. Am. Pharm. Assoc.*, 9 (Feb., 1920), 153
- Launoy, L., and Fujimori, Y.  
Local anesthetics  
*Compt. rend. Soc. Biol.*; through *J. Soc. Chem. Ind.*, 39 (Jan. 31, 1920), 81A
- Lunde  
Camphorated oil in hemoptysis  
*Bull. int. hygiene*; through *Pharm. J.*, 104 (Jan. 10, 1920), 28
- Lundet  
Boric acid as a preservative  
*Policlinico*; through *Pharm. J.*, 104 (Jan. 17, 1920), 46
- Maberly, J.  
Guaiacol iodide  
*The Prescriber*; through *Am. J. Pharm.*, 92 (Jan. 1920), 48
- Maloney, P. J., and Shutte, F. T.  
Benzoic acid from cow's urine  
*Trans. Roy. Soc. Canada*; through *Am. J. Pharm.*, 92 (Jan. 1920), 25
- Mayer, J. L.  
Assay of menthol in alcoholic solutions  
*Pharm. Era*, 53 (Feb. 1920), 50
- Mossler  
Chlorides in dialyzed iron  
*Pharm. Post*; through *Drug. Circ.*, 64 (Feb. 1920), 64
- Neuberg, C., and Reinfurth, E.  
New contributions to the theory of alcoholic fermentation  
*Ber.*; through *J. Ind. Eng. Chem.*, 39 (Jan. 31, 1920), 76A
- Nicholson, A. M.  
Piezo electricity  
*Am. Drug.*, 68 (Jan. 1920), 22
- O'Connor, D. C.  
Conseals and capsules  
*Spatula*, 26 (Jan. 1920), 129
- Oettinger  
Removing rancidity of fats  
*Z. angew. Chem.*; through *Drug. Circ.*, 64 (Feb. 1920) 64
- Perrin  
Filicic acid assay  
*Rep. Pharm.*; through *Chem. and Drug.*, 92 (Jan. 10, 1920), 54
- Rictet, A., and Goudet, H.  
Distillation of certain glucosides *in vacuo*  
*Helv. chem. Act.*; through *J. Soc. Chem. Ind.*, 39 (Jan. 15, 1920), 40A
- Pratt, J. H., and Morrison, H.  
Activity of American digitalis  
*J. Am. Med. Assoc.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 20
- Ramsay, J. H.  
Acetylsalicylic acid  
*Pharm. J.*, 104 (Jan. 3, 1920), 7
- Ramsay, J. H.  
Calcium in solution of hydrogen dioxide  
*Pharm. J.*, 104 (Jan. 3, 1920), 8
- Rector, T. M.  
Lipolytic enzymes in olive oil  
*J. Ind. Eng. Chem.*, 12 (Feb. 1920), 156
- Rossi, A.  
Formaldehyde color reactions  
*Boll. Chim. Farm.*; through *J. Soc. Chem. Ind.* 39 (Jan. 15, 1920), 42A
- Roubertie, P., and Memiroski, A.  
Cadmium tungstate in radiography  
*L'Union. pharm.*; through *Pharm. Era*, 53 (Feb. 1920), 51
- Sacher  
Assay of iron and lead in mixtures  
*Chem. Ztg.*; through *Drug. Circ.*, 64 (Feb. 1920), 64
- Schuppli  
Assay of lactic acid by oxidation  
*Trav. Chim. Aliment. Suisse*; through *Am. J. Pharm.*, 92 (Jan. 1920), 56
- Seel, E.  
Oxidation products of aloes  
*Arch. Pharm.*; through *J. Ind. Eng. Chem.*, 39 (Jan. 31, 1920), 81A

- Smith, W. G.  
Selective breeding of medicinal plants  
*Chem. and Drug.*, 92 (Jan. 31, 1920), 150
- Sollmann, T.  
History of dragon's blood  
*J. Am. Pharm. Assoc.*, 9 (Feb. 1920), 141
- Stoklasa  
Aluminum in plants  
*Biochem. Ztg.*; through *Drug. Circ.*, 64 (Feb. 1920), 64
- Taylor, E. M.  
Halogen absorption of turpentine  
*Analyst*; through *J. Ind. Eng. Chem.*, 39 (Jan. 31, 1920), 72A
- Terry, R. W., and Davy, E. D.  
The precipitation of magnesium hydroxide  
*J. Am. Pharm. Assoc.*, 9 (Feb. 1920), 148
- Thomas, A. W.  
Review of the literature of emulsions  
*J. Ind. Eng. Chem.*, 12 (Feb. 1920), 177
- Thomson, J. L.  
Ethylmorphine sulphate  
*Pharm. J.*, 104 (Jan. 3, 1920), 7
- Thomson, W. L.  
Melting point determinations  
*Chem. and Drug.*, 92 (Jan. 31, 1920), 149
- 'Thurston, A.  
Non-alcoholic flavoring extracts  
*Midland Druggist*; through *Am. J. Pharm.*, 92 (Jan. 1920), 26
- Tsakalotos, A. E.  
Poisoning with rhubarb leaves  
*Schweiz. Apoth. Ztg.*; through *Pharm. J.*, 104 (Jan. 3, 1920), 6
- Utz  
Rubber assay  
*Z. angew. Chem.*; through *Drug. Circ.*, 64 (Feb. 1920), 64
- Von Braun and Kirschenbaum, G.  
Aromatic analogues of novocaine  
*Ber.*; through *J. Soc. Chem. Ind.*, 39 (Jan. 31, 1920), 81A
- Von Friedrichs, O.  
Constituents of althaea  
*Arch. Pharm.*; through *J. Ind. Eng. Chem.*, 39 (Jan. 31, 1920), 81A
- Weiss, M.  
Assay of tyrosine with Millon's reagent  
*Biochem. Ztsch.*; through *J. Soc. Chem. Ind.*, 39 (Jan. 15, 1920), 42A
- Windaus, A., and Neukirchen, K.  
Conversion of cholesterol into cholanic acid  
*Ber.*; through *J. Soc. Chem. Ind.*, 39 (Jan. 31, 1920), 81A
- Wunschendorff, H. E.  
Fixed oil of fenugreek  
*J. pharm. chim.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 24
- Wirth, E. H.  
Chenopodium and its volatile oil  
*J. Am. Pharm. Assoc.*, 9 (Feb. 1920), 127
- Woker, G., and Maggi, H.  
Diastatic properties of formaldehyde  
*Ber.*; through *J. Ind. Eng. Chem.*, 39 (Jan. 31, 1920), 77A
- Yamamoto  
Pyrethron  
*J. Tokyo Chem. Soc.*; through *Drug. Circ.*, 64 (Feb. 1920), 63
- Young, White and Swartz  
Dibromoxy mercury fluorescein, a new anti-septic  
*J. Soc. Chem. Ind.*, 39, (Jan. 15, 1920), 14R
- Young, White and Swartz  
Mercurochrome, 220  
*J. Am. Med. Assoc.*; through *Am. J. Pharm.*, 92 (Jan. 1920), 23

## COMMITTEE REPORTS

### REPORT OF THE COMMITTEE ON NOMINATION METHODS OF THE A. PH. A.\*

Your committee appointed to study the nomination methods of other associations and bring in a report embodying recommendations for such changes as in our opinion are deemed advisable, have performed the duty assigned them and also have considered matters referred to them through the Executive Committee of the Council, and herewith submit the following:

There are several distinct methods of nominating or of electing officers of organizations similar to ours.

The first method is to have both nomination and election take place at the annual meeting, nominations being made by some particular body to whom is assigned that responsibility, elections being subsequently held by the members actually present at the annual meeting.

This was the method formerly followed by our own Association and is still retained by the National Association of Retail Druggists and until recently by the American Public Health Association, who discarded it last year on the ground of its being unsatisfactory.

\* This report is printed now so as to give time for consideration by the members to this important subject prior to the 1920 A. Ph. A. meeting. The Committee invites suggestions.