

PUBLICATIONS BY INDUSTRIAL HYGIENE DIVISION

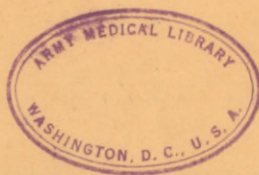
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OTHER PUBLIC HEALTH SERVICE PUBLICATIONS

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## FOREWORD

This list<sup>1</sup> of publications of the Industrial Hygiene Division and other Public Health Service personnel on industrial hygiene subjects is a supplement to a multilithed list of the same title containing publications printed before January 2, 1942. In part, it also supplements "Bibliography of Industrial Hygiene 1900 - 1943," Public Health Bulletin No. 289, 1945. Its purpose is to provide a complete and continuing record of these publications for reference use. Although the material has been generally limited to items published before the year 1948, a few papers which appeared during the first half of 1948, while this list was in preparation, have also been included.

Single sample copies of Public Health Service publications are available from the Public Inquiries Section, Division of Public Health Methods, Public Health Service, Washington 25, D. C. Quantities may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., at prices shown. Prepayment is required and may be made by check or money order payable to the Superintendent of Documents, or in cash at the sender's risk. Postage stamps are not accepted in payment for publications.

Public Health Reports, a weekly publication, may be purchased at ten cents a number. The subscription price is \$4.00 a year, foreign \$5.25. Reprints from these Reports may be obtained as sample copies, as stated above, or purchased at the price indicated.

Journal of the National Cancer Institute may be purchased at forty cents a number. The subscription price is \$2.00 a year, foreign \$2.50.

Industrial Hygiene Newsletter, a monthly publication, may be purchased at ten cents a number. The subscription price is \$1.00 a year, foreign \$1.25. Single numbers or special articles are available from the Industrial Hygiene Division, Public Health Service, Federal Security Agency, Washington 25, D. C.

Papers of the Industrial Hygiene Division which appear in the technical press outside of the Public Health Service are not available for distribution. They may be consulted at medical or technical libraries and at most large public libraries.

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<sup>1</sup>Compiled by Frances Hyslop, Industrial Hygiene Division, Public Health Service.



## BACTERIOLOGY AND RELATED SCIENCES

## AIR-BORNE INFECTION, CONTROL

1. Ultraviolet irradiation as a means of disinfection of air. Hollaender, A. *Am. J. Pub. Health* 33: 980, 1943. *Abst. J. Indust. Hyg. & Toxicol.* 25: 210a, 1943.
2. Control of air-borne micro-organisms by ultraviolet floor irradiation. Hollaender, A.; Du Buy, H. G.; Ingraham, H. S.; and Wheeler, S. M. *Science* 99: 130, 1944.
3. A sieve device for sampling air-borne micro-organisms. Du Buy, H. G., and Crisp, L. R. *Pub. Health Rep.* 59: 829, 1944. Reprint No. 2564. 5 cents.
4. Effectiveness of ultraviolet irradiation of upper air for the control of bacterial air contamination in sleeping quarters. Preliminary report. Schneiter, R.; Hollaender, A.; Caminita, B. H., et al. *Am. J. Hyg.* 40: 136, 1944.
5. Sampling devices. Du Buy, H. G., and Hollaender, A. *Am. J. M. Sc.* 209: 172, 1945.
6. Ultraviolet light control of air-borne infections in a Naval Training Center. Wheeler, S. M.; Ingraham, H. S.; Hollaender, A.; Lill, N. D.; Gershon-Cohen, J.; and Brown, E. W. *Am. J. Pub. Health* 35: 457, 1945.
7. Studies in connection with the selection of a satisfactory culture medium for bacterial air sampling. Schneiter, R.; Dunn, J. E.; and Caminita, B. H. *Pub. Health Rep.* 60: 789, 1945. Reprint No. 2637. 10 cents.
8. Disinfection of air by ultraviolet irradiation. Hollaender, A. *Am. J. Pub. Health* 35: 843, 1945.
9. Studies on the air transmission of micro-organisms derived from the respiratory tract. Du Buy, H. G.; Arnold, F. A.; and Olson, B. J. *Pub. Health Rep.* 62: 1391, 1947. Reprint No. 2809. 10 cents.

## ELECTRON MICROSCOPE STUDIES

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13. Frozen-dried preparations for the electron microscope. Wycoff, R. W. G. *Science* 104: 36, 1946.
14. Electron micrographs of bacterial cultures infected with bacteriophage. Edwards, O. F., and Wycoff, R. W. G. *Proc. Soc. Exper. Biol. & Med.* 64: 16, 1947.
15. Electron micrographs from concentrated solutions of the tobacco mosaic virus protein. Wycoff, R. W. G. *Internat. J. Biochem. & Biophysics* 1: 143, 1947.

## ILLNESS FROM LOW GRADE STAINED COTTON

16. Report on acute illness among rural mattress-makers using low grade, stained cotton. Neal, P. A.; Schneiter, R.; and Caminita, B. H. *J.A.M.A.* 119: 1074, 1942. *Abst., J. Indust. Hyg. & Toxicol.* 24: 173a, 1942.
17. The etiology of acute illness among workers using low-grade stained cotton. Schneiter, R.; Neal, P. A.; and Caminita, B. H. *Am. J. Pub. Health* 32: 1345, 1942. *Abst., J. Indust. Hyg. & Toxicol.* 25: 40a, 1943.
18. Studies on strains of *Aerobacter cloacae* responsible for acute illness among workers using low-grade stained cotton. Caminita, B. H.; Schneiter, R.; Kolb, R. W.; and Neal, P. A. *Pub. Health Rep.* 58: 1165, 1943. Reprint No. 2496. 10 cents. *Abst., J. Indust. Hyg. & Toxicol.* 25: 194a, 1943.
19. Studies on tests for the detection of the endotoxic substances produced by a strain of *Aerobacter cloacae* causing acute illness among workers using low grade stained cotton. Schneiter, R. *Abstracts of Dissertations, The Graduate School, Univ. of Md.*, 41 (6): 13, Sept. 1944.
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- 23. Program of immunization for industrial workers. I. Vaccines and serums: indications and procedures. Abstract of a paper presented at the Fifth Annual Congress on Industrial Health, Chicago, Jan. 11-13, 1943. Leake, J. P. J.A.M.A. 121: 852, 1943.
- 24. A possible common mitochondrial origin of the variegational and virus diseases in plants and cancers in animals. Du Buy, H. G., and Woods, M. W. Am. A. Advancement Sci., Cancer Probl. Symposium, Dec. 1945.
- 25. Effects of glutathione and thioglycolic acid on acid-production by Lactobacillus arabinosus in presence of atabrine. Fraser, H. F.; Irreverre, F.; and Grenan, M. M. Proc. Soc. Exper. Biol. & Med. 61: 72, 1946.
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- 27. Heat resistance studies with spores of Bacillus anthracis and related aerobic bacilli in hair and bristles. Schneiter, R., and Kolb, R. W. Pub. Health Rep. Suppl. No. 207, 1948.



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30. A simplified photoelectric colorimeter for blood analysis. Andrews, H. L., and Horecker, B. L. *Rev. Scient. Instruments* 16: 148, 1945.
31. The use of the polarograph in the industrial hygiene laboratory. Goldman, F. H., and May, I. *Am. Indust. Hyg. A. Quart.* 7: 21, 1946.
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35. The determination of barium in atmospheric dusts. Yagoda, H. *J. Indust. Hyg. & Toxicol.* 26: 224, 1944.
36. The microdetermination of stibine. Webster, S. H., and Fairhall, L. T. *J. Indust. Hyg. & Toxicol.* 27: 183, 1945.
37. A method for the determination of iron in welding fume samples. Keenan, R. G., and Minderman, B. L. *J. Indust. Hyg. & Toxicol.* 28: 32, 1946.
38. Determination of carbon monoxide improved. Setterlind, A. N. *Ind. Hyg. Newsletter* 7: 8, April 1947.

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39. The analysis of toluene for benzene by an ultraviolet absorption of vapor mixtures, and the determination of concentration of toluene in air by use of the Rayleigh-Jeans interference refractometer. Cole, P. A., and Armstrong, D. W. *J. Optic. Soc. Am.* 31: 740, 1941. *Abst., J. Indust. Hyg. & Toxicol.* 24: 125a, 1942.
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45. Photometric determination of benzene, toluene, and their nitro-derivatives. Baernstein, H. D. *Indust. Eng. Chem., Anal. Ed.*, 15: 251, 1943. *Abst., J. Indust. Hyg. & Toxicol.* 25: 138a, 1943.
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51. Diethylaminoethanol as a reagent for the detection and colorimetric determination of small amounts of trinitrotoluene in air. Goldman, F. H., and Rushing, D. E. *J. Indust. Hyg. & Toxicol.* 25: 164, 1943.
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54. Determination of aliphatic nitrate esters: a colorimetric method. Yagoda, H. *Indust. Eng. Chem., Anal. Ed.* 15: 27, 1943. *Abst., J. Indust. Hyg. & Toxicol.* 25: 72a, 1943. Also in: Toxicity and potential dangers of penta-erythritol-tetranitrate (PETN). von Oettingen, W. F., et al. *Pub. Health Bull. No. 282*, U. S. Public Health Service, 1944. 10 cents.
55. Note on a new color reaction of chlorovinyl-dichlorarsine. Mason, H. S. *J. Am. Chem. Soc.* 67: 2267, 1945.
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62. The localization of silver and copper sulphide minerals in polished sections by the potassium cyanide etch pattern. Yagoda, H. *Am. Mineralogist* 30: 51, 1945.
63. Fluorescent mineral dusts as tracers for the localization of particles in tissue. Yagoda, H., and Donahue, D. D. *J. Indust. Hyg. & Toxicol.* 27: 193, 1945.
64. The localization of uranium and thorium minerals in polished section. Part I. The alpha ray emission pattern. Yagoda, H. *Am. Mineralogist* 31: 87, 1946.
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66. History of the use of graphic formulas in organic chemistry. Mason, H. S. *Isis* 34: 346, 1943.
67. The binding of sulfonamide drugs by plasma proteins. A factor in determining the distribution of drugs in the body. Davis, B. D. *J. Clin. Investigation* 22: 753, 1943.
68. Extinguishing white phosphorus fires. Mason, H. S. *Chem. Eng. News* 23: 40, 1945.
69. The cytochrome c-cyanide complex. Horecker, B. L., and Kornberg, A. *J. Biol. Chem.* 165: 11, 1946.
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DENTISTRY

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76. Industrial dentistry vs. dentistry for industrial workers. Heacock, L. D. Dental Health 2: 5, 1943.
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78. Industrial dentistry - present and future. Heacock, L. D. Published in part in Dental Laboratory Review 19: 25, 1944.
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94. An epidemic of boils in a group of tunnel workers. Gant, J. Q.; Owens, R. J.; and Schwartz, L. Pub. Health Rep. 57: 612, 1942. Reprint No. 2372. 5 cents. Abst., J. Indust. Hyg. & Toxicol. 24: 139a, 1942.
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104. Dermatitis occurring among operators of air-conditioning equipment. Schwartz, L. Indust. Med. 11: 375, 1942. Abst., J. Indust. Hyg. & Toxicol. 24: 179a, 1942.
105. Dermatitis occurring in a woolen mill. Schwartz, L., and Dunn, J. E. Indust. Med. 11: 432, 1942. Abst., J. Indust. Hyg. & Toxicol. 24: 180a, 1942.
106. Dermatitis from resin glues in war industries. Schwartz, L.; Peck, S. M.; and Dunn, J. E. Pub. Health Rep. 58: 899, 1943. Reprint No. 2483. Abst., J. Indust. Hyg. & Toxicol. 25: 179a, 1943.
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140. Cosmetics and dermatitis. Schwartz, L. Toilet Goods Assoc., Scientific Sec., Proc. Winter Meeting 1943-44, New York. pp. 20-22. Also: Drug & Cosmetic Ind. 54: 162, 230, 1944.
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