HEALTH CONGRESS, LEEDS, 1909.

*The following list contains the titles of all the papers submitted to the Congress; those marked have been published, either in full or in abstract, in the Journal of The Royal Sanitary Institute, and an abstract of each paper, and notes of the discussions were printed in a special edition of "The Medical Officer," published daily during the Congress.**

†Inaugural Address, by Col. T. W. Harding, J.P., D.L., HON.L.L.D.

Popular Lecture, by Sir Chas. A. Cameron, C.B.

PREVENTIVE MEDICINE SECTION.

‡Address, Some Conditions of Social Efficiency in Relation to Local Public Administration, by Arthur Newsholme, M.D., D.P.H., F.R.C.P.

‡The Control and Prevention of Tuberculosis, by John Robertson, M.D., B.Sc.

‡Control and Prevention of Tuberculosis, by E. F. Trevelyan, M.D., B.Sc.

Physique of the Phthisical, by Herbert de Carle Woodcock, D.P.H., M.R.C.S.

‡Administration of Imported Food Stuffs, by Herbert Williams, M.D., D.P.H.

‡Administrative Measures for the Protection of the Food Supply, by William G. Savage, M.D., B.Sc., D.P.H.

‡Examination of Canned Foods at Port of Entry, by Dr. W. F. Dearden.

‡An Outbreak of Poisoning by Arsenical Sweets, by Dr. J. Randall Hutchinson.

The Administrative Measures for Protection of the Food Supply produced in the Country, by J. McPhail, M.R.C.V.S.

‡Administration of Dairies Order and Regulations in Rural Districts, by T. Bernard Stedman, M.D.

‡Protection of Milk Supply from Tuberculosis, by W. G. Barnes, M.R.C.V.S.
Tuberculosis and Diet, by Miss May Yates.

An account of an Outbreak of Epidemic Cerebro Spinal Meningitis which occurred in Swansea during 1908. 63 cases, by Dr. David J. Morgan.

Rural Sanitation, by R. J. H. Parkinson, M.A., B.Ch.

Sanitary Achievement and Administration in Yorkshire, by Dr. A. H. Bampton.

PREVENTIVE MEDICINE AND BACTERIOLOGY AND CHEMISTRY SECTIONS.

‡The Bacteriology of Summer Diarrhoea in Children, by Dr. J. C. G. Ledingham.

Reduction of the Infantile Mortality from the Diarrhoeal Diseases.
Administrative Measures, by J. J. Buchan, M.D.

Bacteriology of Epidemic Diarrhoea, by R. Stenhouse Williams, M.B.,
W. Leith Murray, M.D., and C. S. Rundle, M.D.

‡Notification of Summer Diarrhoea, by S. G. Moore, M.D., D.P.H.

‡Infant Depôts in Sheffield, by A. E. Naish, M.A., M.B.

‡Educational Aspects of a Municipal Milk Depot, by Miss Marion Fitzgerald.

* These Addresses, Abstracts of the Papers, and the Discussions have all been collated and bound in one volume, 158 pp. fcap. with paper cover, and can be obtained from *The Medical Officer*, 36-38, Whitefriars Street, E.C. Price 2/-, post free, net.

† Appeared in Vol. XXX., No. 7. ‡ Appeared in Vol. XXX., No. 8.

INDUSTRIAL HYGIENE SECTION.

- || Address, The Relation of Health to Industry, by B. A. Whitelegge, C.B.
 Lead Poisoning—Manufacture of Earthenware and China, by J.H. Walmsley.
 Personal Habits in Connection with Lead-Poisoning, by A. A. Hill, M.D.
 Pathology on Plumbism, by King Allcock, M.D.
 Necessity of Knowledge of Trade Processes in Granting Conditional
 Certificates of Fitness, by A. Glen Park, M.D., F.R.C.S.
 Child Labour in Factories, by T. W. Heywood, M.D.
 The Employment of Women, by Miss Carey.
 Women Workers in the West Riding, by Miss Eva H. Jones.
 Home Industries, by Miss Cecile Matheson.
 || Lung Diseases amongst the Sheffield Grinders, by H. Scurfield, M.D.
 || Sanitation of Mines in respect to Human Dejecta, by Prof. H. R. Kenwood.
 The Hygienic Aspect of the Coal Mining Industry, by Dr. F. Shufflebottom.

CHILD STUDY SECTION.

- || Address, Child Mortality in relation to the Health of the State, by George
 Newman, M.D., D.P.H., F.R.S.E.
 The present Elementary School as the Pattern of Home Life, by Miss
 Wilena Hutchings.
 The present School Methods in Relation to Home Life, by D. O. Holme.
 The Secondary School as a pattern of School Life, by Miss M. S. Hodgson.
 The Secondary School in its Bearing on Home Life, by Miss L. A. Lowe.
 The Kindergarten as a means of promoting healthful development in
 Little Children, by Miss Constance H. Dent.
 The value of voluntary effort in reducing the Infant Mortality Rate, by
 Mrs. Herbert Fisher.
 What Malnutrition in Childhood means to the Nation, by A. Wilson, M.D.
 Healthy and unhealthy types of Children, their Eugenic Significance, by
 J. Lionel Taylor, M.R.C.S.E., L.R.C.P.
 Influence of Feeding on Physical Development of Aryan and Semitic
 Children in Leeds, by W. Hall, M.R.C.S.E., L.S.A.
 Health of Adolescent Girls in relation to School Life, by Mrs. Scharlieb.
 The Influence of exercise on the health of Adolescent Girls, by Mrs.
 Spence-Weiss.
 Chorea, Hysteria, and other deviations from Health in connection with
 Overwork, by Eric Pritchard, M.A., M.D., M.B.C.P.
 Motor Training in Elementary Schools, by C. J. Thomas, M.B., B.Sc., D.P.H.
 Handicraft and Nerve Strain, by T. H. Hewitt, F.R.G.S.
 Mental Fatigue in the Schoolroom, by A. R. Abelson.
 Rest in relation to Physical Development, by H. F. Mawbey.
 Play : A Plea for the future of the Race, by W. R. Hamblett.
 Physical Training of Girls, by Mrs. E. A. Impey.

|| Appeared in Vol. XXX., No. 10.

- Physical Education in Elementary Schools, by Frank E. Shrubsall, M.D.
- || The Sanitation of Elementary Schools in relation to the Home Life of the Scholars, by Edmund M. Smith, M.D., C.M., D.P.H.
- Aims of Medical Inspection, by D. A. Carruthers, M.D., D.P.H.
- || Equipment and Routine of the Medical Inspection of School Children in a County Borough, by A. B. McMaster, M.D., B.CH.
- The Hygiene of the Mouth, by H. Handford, M.D., F.R.C.P.
- Ameliorative Measures indicated by School Medical Inspection, by J. R. Kaye, M.B., D.P.H.

JOINT PREVENTIVE MEDICINE AND CHILD STUDY SECTIONS.

- Control of Infectious Fevers, by C. J. Thomas, M.B., B.SC., D.P.H.
- Control of Infectious Diseases in Elementary Schools, by Dr. James Niven.
- || Control of the Acute Infectious Fevers amongst School Children, by Ralph P. Williams, M.D.
- Control of Scarlet Fever amongst School Children, by Dr. E. M. Smith.
- The Control of Diphtheria in Schools, by Thomas Orr, M.D., B.SC.
- The Administrative Control of Scarlet Fever, by Dr. Thomas Gibson.
- The Control of Infectious Diseases in School Children, by C. J. Russell McLean, M.D., D.P.H.

ENGINEERING AND ARCHITECTURAL SECTION.

- § Address by Councillor G. Frederick Bowman.
- § Operation of the Housing of the Working Classes Act in Leeds, by W. T. Lancashire, A.M.INST.C.E.
- § Elementary School Planning, by R. G. Kirkby, A.R.I.B.A., F.S.I.
- § New Bacteriological Standard for Water Analyses, by Prof. T. A. Starkey.
- The Mechanical Filtration of Water Supplies, by Raymond Ross, F.I.C., F.C.S., and Joseph Race, F.I.C.
- § The Sterilisation of Water, by H. C. H. Shenton, M.S.E., M.I.MUN.E.
- Sterilisation of Water, by S. Rideal, D.SC., F.I.C.
- Stored Waters, by A. C. Houston, M.B.
- § Methods of Treating Water to prevent Plumbo-Solvency, by C. C. Smith.
- § The Water Supplies of Yorkshire, by T. Fairley, F.I.C., F.R.S.E.
- § Are Present-day Standards of Analysis Reliable as a Guide to the Wholeness of Drinking Water? by C. J. Russell McLean, M.D., D.P.H.
- The Public Health Aspect of the Road Question, by Arthur Gladwell.
- The Smoke Nuisance, by F. Grover.
- § The Bulk Feeding of Refuse Destructors, by G. W. Melvin.
- § Waite's Apparatus for the Purification of Polluted Waters, by H. Maclean Wilson, M.D., C.M., B.SC.
- § Mackay-Akeroyd Apparatus for the Purification of Dyewaters, by H. Maclean Wilson, M.D., C.M., B.SC.

|| Appeared in Vol. XXX., No. 10. § Appeared in Vol. XXX., No. 9.

BACTERIOLOGY AND CHEMISTRY SECTION.

Address by A. S. Grünbaum, M.A., M.D., F.R.C.P.

Quantity and Nature of Impurities in the Atmosphere of Leeds and Surrounding Districts, by J. B. Cohen, B.Sc., Ph.D., and A. G. Ruston, B.A., B.Sc.

The Significance of Leucocytes in Milk, by W. G. Savage, M.D., B.Sc.

Growth of *Bacillus Tuberculosis*, by Benjamin Moore, M.A., D.Sc., and R. Stenhouse Williams, M.B., D.P.H.

Tubercle Bacilli in the Fæces, by D. Moore Alexander, M.D.

The Catalase of Milk as an Indicator of Disease, by Cecil Revis, A.C.G.I.

Shell-fish Contamination, by James Johnstone, B.Sc.

CHEMICAL SUB-SECTION.

Variation in the Composition of Cows' Milk, by Chas. Crowther, Ph.D.

Importance of the Ash Constituents of Food Stuffs, by Herbert Ingle.

JOINT BACTERIOLOGY AND CHEMISTRY WITH ENGINEERING AND ARCHITECTURAL SECTIONS.

¶Treatment of Storm Water, by G. A. Hart.

§Preliminary Processes of Sewage Treatment, by Arthur J. Martin.

§Rothwell Sewage Works, by E. J. Silcock, M.INST.C.E.

§Standards of Purification for Sewage Effluents, by John T. Thompson, M.Sc.

§Sewage Purification in Relation to the growth of Sewage Fungus, by G. J. Fowler, D.Sc., F.I.C.

Cost of Chemicals used in Treating Trade Effluents, by W. McD. Mackay and James Miller.

CONFERENCE OF MUNICIPAL REPRESENTATIVES.

§Address by The Lord Mayor of Leeds (Alderman Frederick J. Kitson, J.P.).

Some Aspects of Town Planning in Relation to Health, by Percy Robinson.

Town-Planning and the Budget, by F. E. Freemantle, M.B., F.R.C.S., M.R.C.P.

§Labour Colonies, by Alderman H. W. Newton, J.P.

§Administration of Notification of Births Act, by Counc. W. F. Anderson, J.P.

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¶Address by H. G. Bowes, F.R.C.V.S.

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The Tuberculosis Order, 1909, by James A. Dixon, M.R.C.V.S.

Points of Interest to Veterinary Surgeons in regard to Milk, by A. Levie.

Anthrax and Glanders, by T. Parker, F.R.C.V.S.

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Sanitary Inspection of Towns and Dwellings, by R. W. Cass.

¶ Appeared in Vol. XXX., No. 10. ¶ Appeared in Vol. XXX., No. 11.

§ Appeared in Vol. XXX., No. 9.