Notice to contributors
The British Journal of Industrial Medicine is intended for the publication of original contributions relevant to occupational medicine, including fundamental toxicological studies of industrial and agricultural chemicals. Short papers relating to particular experience in occupational medicine will be considered.

Notes and miscellaneous will deal with brief observations relevant to industrial medicine which do not warrant a full paper, such as individual case histories, preliminary reports or modifications to analytical methods. Extended book reviews may also be included.

All papers submitted for publication should be referred to The Editor, British Journal of Industrial Medicine, Department of Occupational Health, University of Manchester, Clinical Sciences Building, York Place, Manchester M13 OJJ.

Papers are accepted on the understanding that they are contributed solely to this Journal, and that they are subject to editorial revision. Papers should be prefaced by an abstract of the argument and findings; this abstract should be more comprehensive than a summary, which will not be required. Papers must be typewritten on one side of the paper only, in double spacing, and with a wide margin. Photographs and photomicrographs should be printed on glossy paper and should be unmarked. Charts and graphs accompanying papers should be carefully drawn in black ink on tracing linen or Bristol board or stout, smooth, white paper; any lettering should be lightly inserted in pencil.

References In the text the year of publication in brackets must follow the author's name. At the end of the paper, references should be arranged in alphabetical order of authors' names. Such references should give the author's name, followed by initials and year of publication in brackets, the title of the article, the name of the journal in which the article appeared, the volume number in Arabic numerals, followed by the numbers of the first and last pages of the article. Journals quoted in the references should be abbreviated according to World Medical Periodicals (3rd ed., 1961, W.M.A.).

When a book is referred to, the place and year of publication, edition, and page number of the reference quoted should be given.

Proofs Contributors will receive one proof, but it is assumed that all but verbal corrections have been made in the original manuscript.

Reprints Fifty free reprints of articles will be sent to contributors. A limited number of additional reprints at cost price can be supplied if application is made when returning proofs. An estimate of costs will be given on application to the Publishing Manager, British Medical Association.

Copyright © 1969 by the British Journal of Industrial Medicine. All rights of reproduction are reserved in respect of all papers, articles, tables, illustrations, etc., published in this Journal in all countries of the world.

Notice to advertisers
Applications for advertisement space and for rates should be addressed to the Advertisement Manager, British Journal of Industrial Medicine, B.M.A. House, Tavistock Square, London, W.C.1.

Notice to subscribers
The annual subscription rate is £3 15s. in the United Kingdom and Republic of Ireland, and £4 4s. (U.S.A. $10.00) in all countries overseas. Payment for overseas subscriptions should be made in sterling, i.e. £4 4s., and sent by Mail Transfer (Charges Remitter) through a Bank to the British Medical Association. Orders can also be placed locally through any leading subscription agent or bookseller. (For the convenience of readers in the U.S.A. subscription orders, with or without payment, can be sent to: BRITISH MEDICAL JOURNAL, 80 Brighton Avenue, Boston, Mass. 02134. All inquiries, however, must be addressed to the Publisher in London.)
Current awareness

Grateful acknowledgment is made to the U.K. MEDLARS Centre and to the National Library of Medicine for their help in this project.

The references cited below have not been checked by the publisher.

1. Historical, legislative, and general

The establishment of the Soviet milk value for lead. (German)

Graduate education for industrial medicine. (English)

Undergraduate training in occupational health in Newcastle upon Tyne. (English)

2. Organization of medical and nursing services and education

Postgraduate education in occupational health. (English)

3. Physiological, psychological, and organizational aspects of work and rehabilitation

Self-certification for brief spells of sickness absence. (English)
Taylor, P. J. Brit. med. J., 1, 144-7, 18 Jan. 69. [Absenteism, Adult, Gastrointestinal Disease Occurrence, General Practice, Human, Industrial Medicine, Male, Periodicity, Respiratory Tract Infection Occurrence, State Medicine]

Sick absence certification. Analysis of one group practice in 1967. (English)
Carne, S. Brit. med. J., 1, 147-9, 18 Jan. 69. [Absenteism, Adolescence, Adult, General Practice, Group Practice, Human, Industrial Medicine, Insurance Health, Periodicity, State Medicine, Time Factors]

Changes in the function of the human organism and of work capacity in relation to the rate in increase of carbonic acid in hermetically sealed premises. (Russian)

Jobs for the disabled. (English)

Fit for work. (English)
Lancet, 1, 657-8, 29 Mar. 69. [Disability Evaluation, Human, Industrial Medicine, Oxygen Consumption]

Effects on humans of automated occupations. (French)

Absence from work attributed to sickness. (English)

Chronic disability in men of middle age. A study of 165 in nem a general practice and a refinery. (English)
4. Traumatic conditions, accidents, and accident prevention

Studies on the possibility of physical damage in the spinal region of tractor operators. I. Report on a second mass screening of 137 young farmers. (German)

[Adult Agricultural Workers Diseases, Germany West, Human, Male, Posture, Spinal Diseases Diagnosis]

5. Effects of inorganic substances and minerals

Infiltrative-pneumonic forms of coniotuberculosis. (Russian)
[Adult, Human, Male, Pneumonia Diagnosis, Silicotuberculosis Classification]

The classification of coniotuberculosis. (Russian)
[Human, Silicotuberculosis Classification]

Experimental study on tumorigenic effects of lubricants used in metal screw cutting. (French)
[Animal Experiments, Carcinoma Chemically Induced, Human, Mice, Occupational Diseases, Oils Poisoning, Papilloma Chemically Induced]

Effect of treatment with E.D.T.A. in acute poisoning by mercury vapors. (French)
Suciu, I., Marinca, E. Arch. Mal. prof., 29, 41-2, Jan.-Feb. 68.
[Acute Disease, Adult, E.D.T.A. Therapeutic Use, Human, Mercury Poisoning Drug Therapy]

Studies on Na+—K+ — atpase and the acetylcholinesterase activity in erythrocyte membranes in saturnine anemia. (Italian)

Acute silic-o-proteinosis. A new pathologic variant of acute silicosis in sandblasters, characterized by histologic features resembling alveolar proteinosis. (English)
[Acute Disease, Adult, Antibiotics Therapeutic Use, Human, Lung Pathology, Male, Occupational Diseases Mortality, Pulmonary Alveolar Proteinosis, Silicosis Mortality]

Trichloroethylene neuropathy. (English)
[Human, Nervous System Diseases, Occupational Diseases Chemically Induced, Trichloroethylene Adverse Effects]

Silicoses of porcelain makers. (French)
Cranse, M. C. Arch. Mal. prof., 29, 81-6, Jan.-Feb. 68.
[Human, Occupational Diseases, Silicosis]

The risk of saturnism in the ceramic industry and its prevention. (Italian)
[Ceramics, Chemical Industry, Human, Lead Poisoning, Minerals, Occupational Diseases]

Clinical and laboratory findings in workers exposed to the risk of manganese poisoning. (Italian)
[Adult, Autonomic Dysfunction Etiology, Headache Etiology, Human, Male, Manganese Poisoning, Muscle Cramp Etiology, Neurologic Manifestation, Occupational Diseases, Sweating]

Toxicology of vanadium compounds, used in modern industry. (Russian)
Roshchin, I. V. Gig. i. Sanit., 32, 26-32, Jun. 67.
[Air Pollution Analysis, Animal Experiments, Chemical Industry Standards, English Abstract, Environ. Exposure, Industrial Medicine, Mice, Rats, Vanadium Metabolism]

The effect of carbon disulfide on certain biochemical indices of the status of the organism in its action via the skin. (Russian)
Petrun, N. M. Gig. Tr. prof. Zabol., 11, 50-3, Jul. 67.
[Animal Experiments, Carbon Disulfide Poisoning, Industrial Medicine, Rabbits, Skin Absorption, Textile Industry]

On the so-called late asbestosis and the necessity of follow-up care as well as a legal supervision obligation in pneumoconioses after the end of exposure to dust. II. (German)
[Adult, Asbestosis Radiography, Disability Evaluation, Environmental Exposure, Human, Legislation Medical, Occupational Diseases Prevention and Control, Silicotuberculosis Radiography]

Ovarian cancer and asbestosis. (English)
[Asbestosis Complications, Carcinoma Pathology, Environmental Exposure, Epithelium Pathology, Female, Foreign Bodies Pathology, Guinea Pigs, Hamsters, Human, Mesothelioma Chemically Induced, Mice, Minerals Adverse Effects, Neoplasms Experimental, Ovarian Neoplasms Pathology, Ovary Pathology, Rabbits]

Conflicting hypotheses on experimental silicotic fibrogenesis: new experimental data. (English)
[Animal Experiments, Ascorbic Acid Metabolism, Carbon Isotopes, Collagen Biosynthesis, Dust, Granuloma Metabolism, Guinea Pigs, Hydroxyproline Analysis, Liver Metabolism, Lung Analysis, Muscles Metabolism, Organ Weight, Proline Metabolism, Silica, Silicosis Metabolism]

Cer-pneumoconiosis. (English)
[Adult, Cerium Poisoning, Diagnosis Differential, Environmental Exposure, Human, Male, Occupational Diseases Radiography, Pneumoconiosis Chemically Induced, Silicosis Radiography, Time Factors, Tuberculosis Miliary Radiography]

Silicosis and the myocardium. On the problem of the effect of silicosis on the oxygen supply of the myocardium. (German)
[Adult, Aged, Connective Tissue Analysis, Coronary Disease Metabolism, Heart Anatomy and Histology, Human, Male, Middle Age, Myocardium Analysis, Organ Weight, Oxygen Consumption, Silicosis Metabolism]

An immunologic study of experimental silicosis. (English)
[Animal Experiments, Antigens, Autoantibodies Analysis, Complement Fixation Test, Fluorescent Antibody Techniques, Gel Diffusion Tests, Globulins, Guinea Pigs, Latex Fixation Tests, Lung Immunology, Methods, Models Biologic, Passive Cutaneous Anaphylaxis, Silicosis Immunology]
Nickel Carcinogenesis. (English)
[Animal Experiments, Canada, Carcinogens Environmental Exposure, Human, Lung Neoplasms Occurrence, Male, Nasopharyngeal Neoplasms Occurrence, Neoplasms Experimental Chemically Induced, Nickel, Occupational Diseases Chemically Induced, Review, Rhabdomyosarcoma Chemically Induced, RNA Nucleotidyl-transfer Metabolism, Tobacco, Wales]

Animal experimental fundamentals in the medical prevention of silicosis using polyvinylpyridine-N-oxide (P204). (German)
[Aerosols, Human, Oxides Therapeutic Use, Polyvinyl Therapeutic Use, Pyridines Therapeutic Use, Silicosis Prevention and Control]

Contributions to the early diagnosis of silicosis using serological and biochemical determination technics. (German)
[Histochytochemistry, Human, Passive Cutaneous Anaphylaxis, Serodiagnosis, Silicosis Pathology]

Chronic lead intoxication mimicking motor neurone disease. (English)
[Diagnosis Differential, Human, Lead Poisoning Diagnosis, Paralysis Diagnosis]

Study on the risk of pneumoconiosis through artificial abrasives, in a polishing-wheel factory. (French)
Hublet, P. Arch. belges, Méd. soc., 25, 149-87, Mar. 67.
[Adult, Belgium, Human, Industrial Medicine, Pneumoconiosis Radiography, Silica, Silicosis Radiography]

Nonrandom shortening of red cell survival times in men exposed to lead. (English)

Use of the levels of ala-dehydratase and coproporphyrinuria for the selection of subjects with lead poisoning. (Italian)
Agnese, G., Bonsignore, D. Folia med. (Napoli), 51, 580-7, Aug. 68.
[Erythrocytes Enzymology, Human, Hydro-lyases Blood, Lead Poisoning Diagnosis, Levlunic Acid, Porphyrins Urine]

Toxic damage of the liver by chloroform in chemical industry workers. (German)
[Adolescence, Adult, Chloroform Adverse Effects, Environmental Exposure, Hepatitis Infectious Occurrence, Hepatitis Toxic Etiology, Hepatomegaly Chemically Induced, Human, Liver Diseases Chemically Induced, Occupational Diseases]

Mercury poisoning among workers in California's mercury mills. A preliminary report. (English)
[Adult, California, Human, Mercury Urine, Mercury Poisoning Occurrence, Occupational Diseases]

Cadmium and lung cancer. (German)
[Adult, Bronchial Neoplasms Chemically Induced, Cadmium Adverse Effects, Carcinoma Epidermoid Chemically Induced, Environmental Exposure, Germany West, Human, Hydrosides Adverse Effects, Lung Neoplasms Chemically Induced, Nickel Adverse Effects, Occupational Diseases]

Disorders of the autonomic nervous system in latent occupational saturnism. (Russian)
Nikolaev, I. A. Gig. Tr. prof. Zabol., 9, 58-9, May 65.
[Autonomic Nervous System Drug Effects, Human, Industrial Medicine, Lead Poisoning, Nervous System Diseases Chemically Induced]

Further investigations on the gammaglobulin content of human silicotic lesions using immunofluorescence. (English)
[Fluorescent Antibody Technique, Gamma Globulin Analysis, Histocytochemistry, Human, Lung Immunology, Methods, Silicosis Staining and Staining]

Penicillamine in lead poisoning. (English)
[Human, Lead Urine, Lead Poisoning Drug Therapy, Penicillamine Administration and Dosage]

Electrocardiographic findings in pre-saturnism and saturnism. (Italian)
[Adult, Electrocardiography, Heart Diseases Etiology, Human, Lead Poisoning Complications]

Respiratory function studies in subjects with occupational exposure to pumice dust. (Italian)
[Adult, Dust, Environmental Exposure, Human, Italy, Male, Methods, Respiratory Function Tests, Silica Adverse Effects, Silicosis, Thoracic Radiography]

Silicotic risk in a limestone ceramic factory. (Italian)
[Ceramics, Chemical Industry, Environmental Exposure, Human, Italy, Silicosis Adverse Effects, Silicosis Prevention and Control, Thoracic Radiography]

Phytolithosis—a disease entity. (English)
[Cereals, Esophageal Neoplasms Etiology, Grasses, Human, Silicosis Etiology, Soil]

Silicosis as reactive disease. (German)
[Adult, Human, Silicosis]

Pleural asbestosis in agricultural workers. (English)
[Adolescence, Adult, Age Factors, Agricultural Workers' Diseases Radiography, Asbestosis Occurrence, Bulgaria, Child, Environmental Exposure, Human, Pleural Diseases Radiography, Sex Factors, Tobacco]

Trichloroethylene neuropathy. (English)
[Adult, Human, Male, Occupational Diseases Chemically Induced, Peripheral Nerve Disease Chemically Induced, Psychophysiological Disorders, Taste Drug Effects, Trichloroethylene Poisoning, Trigeminal Nerve Drug Effects]

The prevalence of chronic obstructive pulmonary disease in chlorine gas workers. (English)
[Air Analysis, Bronchitis Chemically Induced, Chlorine Analysis, Chronic Disease, Cough Diagnosis, Dyspnea Diagnosis, Environmental Exposure, Human, Lung Radiography, Lung Diseases Chemically Induced, Male, Occupational Diseases, Oxygen Therapeutic Use, Respiratory Function Tests, Smoking, Spirometry, Sputum Analysis]

Asbestos or ferruginous bodies. (English)
6. Effects of organic substances

On setting a tolerance limit for benzene in work environments. (French)
Truhaut, R. Arch. Mal. prof., 29, 5-22, Jan.-Feb. 68.
[Animal experiments, Benzene Toxicity, Biochemistry, Dogs, Drug Tolerance, Environmental Exposure, Guinea Pigs, Human, Mice, Monkeys, Occupational Diseases Chemically Induced, Rabbis, Rats, Review]

Chronic toxic effects of polyphenyl mixtures. (English)
[Animal experiments, Biphenyl Compounds, Diet, Liver Cirrhosis Pathology, Nephritis Intestinal, Nephrosis, Nuclear Reactors, Occupational Diseases Chemically Induced, Rats, Refrigeration, Reticuloendothelial Systems]

Detection of changes in the mucous membrane, of cancer or other neoplasms of the urinary tract due to aromatic amines following cessation of exposure. (German)
[Aged, Amines, Bladder Neoplasms Chemically Induced, Cystoscopy, Environmental Exposure, Human, Male, Methods, Occupational Diseases Prevention and Control]

Toxic encephalosis in professional contact with methylene chloride. (German)
[Adult, Chlorides Pharmacodynamics, Encephalitis Chemically Induced, Hallucinations Chemically Induced, Human, Illusions, Occupational Diseases Chemically Induced, Skin Abnormality]

The toxicity of carbon oxysulfide illustrated by a case of fatal poisoning. (German)
[Accidents Industrial, Animal Experiments, Antidotes, Cats, Gas Poisoning Mortality, Guinea Pigs, Human, Middle Age, Rabbits, Rats, Respiratory Paralysis Chemically Induced, Resuscitation, Sulfides Toxicity, Unconsciousness Chemically Induced]

Physiologic and pathologic changes in acrylamide neuropathy. (English)
Lessing, R. J., Ribelin, W. E. Arch. environm. Hlth, 18, 23-9, Jan. 69.
[Acryl Resins Toxicity, Animal Experiments, Axons Pathology, Cats, Hindlimb, Human, Monkeys, Muscles Pathology, Nerve Degeneration, Neural Conduction Drug Effects, Occupational Diseases Prevention and Control, Peripheral Nerve Disease Pathology, Sciatic Nerve Physiopathology, Ulcer Nerve Physiopathology]
The iodo-azide test as an index of exposure to carbon disulfide in workers in a viscose factory. (Italian)
[Azides Diagnostic Use, Carbon Disulfide Urine, Environmental Exposure, Human, Industrial Medicine]

Neurological symptoms in tricresyl phosphate poisoning. (Russian)
[Cresols Poisoning, Environmental Exposure, Human, Industrial Medicine, Male, Nervous System Drug Effects, Neurologic Manifestation, Phosphates Poisoning]

Carbon tetrachloride poisoning with liver necrosis and acute tubular renal insufficiency. (German)
[Carbon Tetrachloride Poisoning, Enzymology, Environmental Exposure, Human, Kidney Failure Acute Chemically Induced, Liver Diseases Chemically Induced, Male, Necrosis Chemically Induced, Occupational Diseases Chemically Induced]

A study of diseases caused by vinyl chloride. (French)

\[\text{Adult, Blood Protein Electrophoresis, Hepatomegaly Chemically Induced, Human Hypothyroidism Chemically Induced, Male, Occupational Diseases Chemically Induced, Polyvinyls Poisoning, Raynaud’s Disease Chemically Induced, Skin Diseases Chemically Induced}\\]

Comparative assessment of the carcinogenic properties of high and low paraffin petroleum cracking residues. (Russian)
[Animal Experiments, Carcinogens, Chemical Industry, Comparative Study, Industrial Medicine, Mice, Petroleum]

Apropos of two cases of granulomatous interstitial pneumonia caused by organic dust inhalation. (French)
Blouin, G., Garneau, R. Lavat méd., 39, 930-8, Dec. 68.
[Adult, Human, Male, Middle Age, Pneumoconiosis]

Cyto-histology in occupational tumors of the urinary tract. (Italian)
[Aged, Amines Toxicity, Biopsy, Bladder Neoplasms Diagnosis, Cystoscopy, Human, Male, Occupational Diseases, Urine Cytology, Urography]

7. Effects of animal and vegetable substances

Occupational pulmonary myoses and toxomycoses (English).
[Agricultural Workers Diseases, Aspergillosis, Bronchial Diseases, Food-processing Industry, Human, Hypersensitivity, Lung Diseases Fungal, Male, Moniliasis, Myoses, Pneumoconiosis]

Immunologic diagnosis of occupational pneumopathies of plant origin. (French)
[Actinomyces Immunology, Antigen-antibody Reaction, Farmers Lung Immunology, Human, Lung Diseases Immunology, Plants, Precipitins, Respiratory Hypersensitivity]

Professinal asthma caused by hypersensitivity to cereals. Analysis of our cases. (Spanish)
[Adolescence, Adult, Asthma Etiology, Cereals, Child, Food Hypersensitivity, Human, Male, Middle Age, Occupational Diseases Etiology, Spain]

Farmers lung. (English)
[Adult, Climate, Farmers Lung, Human, Hypersensitivity Immediate, Male, Nova Scotia]

Bagasse worker’s lung. (English)
[Actinomycetales Classification, Human, Pneumoconiosis Immunology, Precipitins]

Farmers lung and pulmonary aspergillosis. (English)
[Aspergillosis Therapy, Diagnosis Differential, Farmers Lung Diagnosis, Human]

Farmers lung. (English)
[Acute Disease, Farmers Lung Physiopathology, Human, Respiratory Function Tests]

Perlirteritis nodosa from repeated inhalation of mansonia altissima dust. (German)
Sigg, R. H. Med. Klin., 63, 1765-6, Passim, 1 Nov. 68.
[Dust, Human, Hypersensitivity, Male, Occupational Diseases Etiology, Perlirteritis Nodosis Diagnosis]

8. Effects of physical agents

Studies on the danger of partial currents of electricity to man especially while working with kettles, containers, and pipelines. (German)
Sam, U. Elektromedizin, 12, 102-14, May 67. [Electric Conductivity, Electric Injury Prevention and Control, Human, Occupational Diseases Prevention and Control]

Study of tinnitus induced temporarily by noise. (English)
[Adolescence, Adult, Auditory Threshold, Fatigue, Human, Noise Adverse Effects, Pitch Discrimination, Time, Tinnitus Etiology]

Considerations on osteoarthropathies secondary to dysbaric aeromembolism. (Italian)
[Adult, Decompression Sickness Complications, Embolism Air Complications, Human, Male, Occupational Diseases, Osteoarthropathy Second Radiography]

Some changes in the organ of vision in vibration disease. (Russian)
[Human, Metallurgy, Mining, Occupational Diseases, Retinal Vessels, U.S.S.R., Vibration, Vision Disorders Etiology]

Significance and limits of respiratory function tests in the study of byssinosis. Study performed in a cotton mill in Lombardy. (Italian)
[Cotton, Human, Italy, Occusalional Diseases Physiopathology, Pneumoconiosis Physiopathology, Respiratory Function Tests]

Electro-clinical sequelae of accidental electrocutions. (French)
Garrel, S., Faure, J. Rev. neurol., 118, 489-93, Jun. 68.
[Accidents Industrial, Brain Injury Acute Diagnosis, Electric Injury Diagnosis, Electroencephalography, Human, Male, Neurologic Manifestation]
Dependence of the surface skin temperature on the quantity of blood flow in the upper extremities of workers exposed to the action of local vibration. (English)


Vascular alterations in the capillaroscopic and plethysmographic pattern in men working with pneumatic instruments. (English)


[Capillaries Pathology, Human, Male, Occupational Diseases Etiology, Plethysmography, Vascular Diseases, Vibration Adverse Effects]

New aspects on radiation effects on erythrocytes. (German)


[Environmental Exposure, Erythrocytes, Erythropoiesis, Heinz Bodies, Human, Neoplasms Radiotherapy, Occupational Diseases, Radiation Effects, Radiotherapy Dosage]

Appearance of bilateral arthritis in a diver following minor accidents of decompression: clinical recovery and radiologic improvement in two years. (French)


[Adult, Arthritis Radiography, Case Report, Decompression Sickness Complications, Human, Male]

The evaluation of laser hazards. (English)


[Eye Radiation Effects, Eye Injuries Etiology, Human, Lasers Adverse Effects, Occupational Diseases Etiology, Photometry, Radiation Injury]

Incidence of disease caused by vibrating instruments among workers of the drilling type in sulfur mines. (Italian)


[Adult, Arthritis, Dysfunction Etiology, Human, Joint Diseases Etiology, Male, Mining, Occupational Diseases, Paresthesia Etiology, Sulfur, Sweating, Vascular Diseases Etiology, Vibration Adverse Effects]

Complex vibration syndrome (Raynaud's phenomenon, Dupuytren's disease, microcysts of the navicular bone, and paroxysmal atrial flutter). (Italian)


[Bone Cyst Complications, Dupuytren's Contracture Complications, Electrocardiography, Human, Male, Occupational Diseases, Raynaud's Disease Complications, Tachycardia Paroxysmal Etiology, Vibration, Wrist Joint]

On the problem of the mechanism of formation of gas bubbles of decompression etiology in deep sea divers. (Russian)


[Animal Experiments, Decompression Sickness Etiology, Diving, Gases, In Vitro, Partial Pressure, Physics]

On the problem of the clinical aspects of acute damage caused by ultrahigh frequency electromagnetic waves. (Russian)


[Adult, Human, Male, Occupational Diseases, Radio Waves]

Exfoliative cytology in the diagnosis of tumors of the deferent urinary tract. (Czech.)


[Carcinogens, Cytoscopy, Cytdiagnosis, Hematuria Diagnosis, Human, Male, Methods, Middle Age, Occupational Diseases Diagnosis, Urogenital Neoplasms Diagnosis, Urography]

Behaviour of delta aminolevulinic acid and porphobilinogen after glycine load in saturnism. (Italian)


[Glycine Diagnostic Use, Human, Lead Poisoning Diagnosis, Levulinic Acid Blood, Porphyrins Urine]

Damage caused by noise in weavers and preventive measures to reduce it. (Italian)


[Acoustic Trauma, Adolescence, Adult, Deafness, Occupational Diseases, Textile Industry]

External radiation doses from occupational exposure. (English)


Contributions to the study of neuro-muscular excitability, electroencephalogram, flicker fusion frequency and reaction time in workers exposed to the action of pneumatic tool vibrations. (English)


[Electroencephalography, Flicker Fusion, Human, Industrial Medicine, Metallurgy, Neuromuscular Junction Physiology, Reaction Time, Vibration]

On the etiology of disorders caused by combined ultrahigh frequency electromagnetic waves. (Russian)


[Environmental Exposure, Microwaves, Military Medicine, Occupational Diseases Etiology, Radiation Injury, U.S.S.R.]

Investigations on the effect of microwaves on the eye. (English)


[Adult, Environmental Exposure, Eye Radiation Effects, Human, Microwaves, Middle Age, Occupational Diseases Prevention and Control, Radiation Effects, Radiation Injury Prevention and Control, Statistics]

9. Methods of investigation of body function

Value of super-threshold tone audiometry in the diagnosis of traumatic hearing disorders. (German)


[Acoustic Nerve, Acoustic Trauma Complications, Audiometry, Environmental Exposure, Hearing Disorders Etiology, Human, Male, Methods, Middle Age, Occupational Diseases]

A polarographic method for the determination of a small amount of lead in biological materials. A routine method in the authors' department. (English)


[Indicators and Reagents, Lead Analysis, Lead Poisoning Diagnosis, Methods, Polargraphy]

A single column method for the determination of urinary delta-aminolevulinic acid. (English)


[Amino Acids Urine, Chemistry Clinical Standards, Chromatography Ion Exchange, Comparative Study, Human, Indicators and Reagents, Lead Poisoning...
Occurrence, Levallois Acid Urine, Mass Screening, Methods, Occupational Diseases Occurrence, Spectrophotometry, Time Factors

The use of salivary (parotid) fluid in biochemical monitoring. (English)

10. Environmental measurement, control, and protection of the subject

American conference of governmental industrial hygienists proposed threshold limit value for noise. (English)
[Acoustic Trauma Prevention and Control, Auditory Perception, Human, Industrial Medicine, Noise Standards, Occupational Diseases, Sound, United States]

Research on the possibility of the use of non-silica sand in a foundry to prevent silicosis. (Italian)

11. Miscellaneous

Rheumatism in dockers and civil servants A comparison of heavy manual and sedentary workers. (English)
[Occupational Diseases Occurrence, Osteoarthritis Etiology, Pain Occurrence, Rheumatism Occurrence, Shoulder, Work, Wounds and Injuries Complications]

A new cause of occupational allergy in hairdressers: allergy to semin. (French)
[Adult, Asthma Etiology, Female, Human, Hypersensitivity Complications, Occupational Diseases, Proteins]

Allergological research concerning cadmium, beryllium, arsenic and diazodiethylaniline. (Italian)
Scarpa, C., Ferrea, E. Minerva dermat., 42, 126-9, Apr. 67.
[Aniline Compounds Adverse Effects, Arsenic Adverse Effects, Beryllium Adverse Effects, Cadmium Adverse Effects, Dermatitis Contact Etiology, Human, Occupational Dermatitis Etiology]

Pharmacogenetics in the detection of the hypersusceptible worker. (English)
[Adult, Carbon Disulfide, Cyanates, Drug Hypersensitivity Diagnosis, Gene Frequency, Hemolysins Diagnostic Use, Human, Occupational Diseases Diagnosis, Pedigree, Pharmacogenetics, Pulmonary Emphysema Familial and Genetic, Trypsin Inhibitors Blood]

Cutaneous sensitization due to manipulation of paper for duplicating processes. (French)
[Adult, Benzoates Poisoning, Copying Processes, Dermatitis Contact, Human, Occupational Diseases]

Medical problems of sea-tanker crews. (English)
[Human, Industrial Medicine, Male, Morbidity, Petroleum, Ships]

[Adult, Body Fluids Analysis, Human, Industrial Medicine, Male, Mercury Analysis, Methods, Monitoring Systems, Parotid Gland, Saliva Analysis, Trace Elements, Metabolism]

[Animal Experiments, Dust Analysis, Human, Industrial Medicine, Italy, Occupational Diseases Prevention and Control, Rats, Silica Adverse Effects, Silicosis Prevention and Control]

Exposure to copper dust. (English)
[Air Analysis, Aluminium Adverse Effects, Copper Analysis, Dust, Environmental Exposure, Human, Male, Occupational Diseases Prevention and Control, Oxides, Ventilation]

Asbestosis, silicosis and pneumoconiosis in welders. (Polish)
Hain, E. Gruzlica, 36, 986-8, Oct. 68.
[Asbestosis Etiology, Human, Male, Pneumoconiosis Etiology, Silicosis Etiology, Welding]

Importance of enzymatic studies for industry. (Polish)
[Enzyme Tests, Human, Industrial Medicine, Occupational Diseases, Poisoning Enzymology]

Industrial bronchitis. (English)
[Air Pollution, Bronchitis Mortality, Coal Mining, Human, Industrial Medicine, Occupational Diseases Etiology, Smoking]

Toxic chemicals and peripheral neuropathy. (English)
[Antifungal Agents, Bird Diseases Chemically Induced, Cat Diseases Chemically Induced, Drug Hypersensitivity, GPD Deficiency, Human, Mercury Poisoning, Occupational Diseases Chemically Induced, Peripheral Nerve Disease, Phenols, Water Pollution, Wood]

Toxic chemicals and peripheral neuropathy: clinical and epidemiological features. (English)
[Acrylates Poisoning, Carbon Disulfide Poisoning, Diagnosis Differential, Herbicides Poisoning, Human, Isoniazid Poisoning, Lead Poisoning Diagnosis, Nitrofurantoin Poisoning, Occupational Diseases Chemically Induced, Peripheral Nerve Disease Chemically Induced, Phenols Poisoning, Trichloroethylene Poisoning]

Toxic chemicals and peripheral neuropathy. (English)
[Acrylates Poisoning, Cookery, Cresols Poisoning, Human, Occupational Diseases Chemically Induced, Oils, Peripheral Nerve Disease, Phosphates Poisoning, Thalidomide Poisoning, Trichloroethylene Poisoning]

Importance of the color of the iris in the evaluation of resistance of hearing to fatigue. (Italian)
[Acoustic Trauma Diagnosis, Adult, Auditory Perception, Cochlea Physiology, Fatigue, Hearing Tests, Human, Iris Physiology, Melanin Physiology]
## Index to volume 26, 1969

### A

<table>
<thead>
<tr>
<th>Title</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absence from work attributed to sickness, 169</td>
<td>169</td>
</tr>
<tr>
<td>________________ _, and physical fitness, 47</td>
<td>47</td>
</tr>
<tr>
<td>Accidents and diseases, occupational, VIIIth World Congress on Prevention, Vienna, 1971, 349</td>
<td>1971</td>
</tr>
<tr>
<td>Accumulators, electric, lead absorption in factory workers, use of personal samplers, 202</td>
<td>202</td>
</tr>
<tr>
<td>ADELESTEIN, A. M.: Absence from work attributed to sickness, 169</td>
<td>169</td>
</tr>
<tr>
<td>ALLEN, A. McD., see WYNDHAM, C. H. et al.</td>
<td></td>
</tr>
<tr>
<td>Allergy in byssinosis, sensitization to cotton, hemp, flax, and jute antigens, 101</td>
<td>101</td>
</tr>
<tr>
<td>ALOI, S., see CASTELLINO, N. and ALOI, S.</td>
<td></td>
</tr>
<tr>
<td>Aminolevulinic acid (ALA), delta, urinary, simple method of quantitative analysis to evaluate lead absorption, 240</td>
<td>240</td>
</tr>
<tr>
<td>Anaemia, haemodilution causing, coalworkers, 237</td>
<td>237</td>
</tr>
<tr>
<td>ANDREW, R., see WYNDHAM, G. A. G. et al.</td>
<td></td>
</tr>
<tr>
<td>Asbestos factory, study of mortality of workers, 294</td>
<td>294</td>
</tr>
<tr>
<td>________________ workers, validation of death certificates, 302</td>
<td>302</td>
</tr>
</tbody>
</table>

### B

<table>
<thead>
<tr>
<th>Title</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>BARNES, J. M., see BOND, E. J. et al.</td>
<td></td>
</tr>
<tr>
<td>BEACH, F. X. M., JONES, E. S., and SCARROW, G. D.:</td>
<td></td>
</tr>
<tr>
<td>________________ respiratory effects of chlorine gas, 231</td>
<td>231</td>
</tr>
<tr>
<td>Bis(tri-n-butyltin) oxide, effects on eyes of rabbits, 165</td>
<td>165</td>
</tr>
<tr>
<td>BOND, E. J., BUTLER, W. H., DE MATTEIS, F., and BARNES, J. M.:</td>
<td></td>
</tr>
<tr>
<td>________________ effects of carbon disulphide on the liver of rats, 335</td>
<td>335</td>
</tr>
</tbody>
</table>

**Book Reviews:**

<table>
<thead>
<tr>
<th>Title</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS: Air sampling instruments for evaluation of atmospheric contaminants, 1967, 344</td>
<td>1967</td>
</tr>
<tr>
<td>BAGINSKY, E.: Occupational disease in California attributed to pesticides and other agricultural chemicals—1966, 171</td>
<td>1966</td>
</tr>
<tr>
<td>BENNETT, P. B. and ELLIOTT, D. H., editors: The physiology and medicine of diving and compressed air work, 1969, 249</td>
<td>1969</td>
</tr>
<tr>
<td>BOURNE, G. H., editor: World review of nutrition and dietetics, Volume 8, 1968, 88</td>
<td>1968</td>
</tr>
<tr>
<td>FOOD AND AGRICULTURE ORGANIZATION: 1967 evaluation of some pesticide residues in food, 1968, 342</td>
<td>1968</td>
</tr>
<tr>
<td>GOGSTAD, A. C.: Evaluation of factors determining the results of vocational rehabilitation, 1968, 86</td>
<td>1968</td>
</tr>
<tr>
<td>Hygiene standards for chrysotile asbestos dust, 1968, 84</td>
<td>1968</td>
</tr>
<tr>
<td>INGRAM, J. T.: Industrial dermatoses and the Industrial Injuries Act, 1968, 342</td>
<td>1968</td>
</tr>
<tr>
<td>INSTITUTION OF INDUSTRIAL SAFETY OFFICERS: The training of safety officers, 1969, 248</td>
<td>1969</td>
</tr>
<tr>
<td>INTERNATIONAL COMMISSION ON RADIOLOGICAL PROTECTION: General principles of monitoring for radiation protection of workers, 1969, 344</td>
<td>1969</td>
</tr>
<tr>
<td>OPPENHEIM, A. N.: Questionnaire design and attitude measurement, 1968, 249</td>
<td>1968</td>
</tr>
<tr>
<td>Problems arising from the use of asbestos, 1967, 84</td>
<td>1967</td>
</tr>
</tbody>
</table>
SAX, N. IRVING: Dangerous properties of industrial materials, 1968, 249
SHARP, C. L. E. H. and KEE, H., editors: Presymptomatic detection and early diagnosis, 1968, 247
TAYLOR, P. J.: Absenteeism—causes and control, 1969, 344
THELE, H. and EITNER, S., editors: Beiträge zum Betriebsgesundheitsschutz, Vol. 16, 1968, 345
VAN DER LENDE, Epidemiology of chronic non-specific lung disease (chronic bronchitis), Vols. I and II, 1969, 346
WORLD HEALTH ORGANIZATION: Permissible levels of occupational exposure to airborne toxic substances, Sixth Report, 1969, 347

Brass foundry, chronic exposure to zinc of furnace operators, 126
BREDELL, G. A. G., see WYNDHAM, C. H. et al.
BUTLER, W. H., see BOND, E. J. et al.
Byssinosis, in rope workers, respiratory symptoms and ventilatory capacities after exposure to hemp and flax, 109

C
Cadmium determination in urine by atomic absorption spectrometry as a screening test in industrial medicine, 156
Caisson disease, case of Munchausen’s disease simulating, 81
Carbon disulphide, effects on the liver of rats, 335
CARVER, A. C. and MORLEY, R.: Electric current flow through human skin at power frequency voltages, 217
Carter, A. C. and Morley, R.: Electric current flow through human skin at power frequency voltages on amputated human limb, 224
CASTELLINO, N. and ALOI, S.: Intracellular distribution of lead in the liver and kidney of the rat, 139
CAVAGNA, G., FOA, V. and VIGLIANI, E. C.: Effects in man and rabbits of inhalation of cotton dust or extracts and purified endotoxins, 314
CERNIK, A. A., see MAGOS, L. and CERNIK, A. A.
CHAN, B. W. B.: Haemodilution as a cause of anaemia in coalworkers, 237
Cotton dust, effects of inhalation in man and rabbits, 314
—ginnery workers, population study in the Sudan, 308
Current awareness, introduction, 251
F — references, 253, 350
Current flow, electric, through human skin at power frequency voltages, 217
Czechoslovak Congress of Occupational Medicine XI, June 4-6, 1969, 88

D
Death certificates, validation in asbestos workers, 302
DE MATTEIS, F., see BOND, E. J. et al.
Dermal toxicity, of pesticides, method for determining, 59
Dieldrin poisoning in dogs: relation to obesity and treatment, 338
Driving and non-driving occupations, constitutional differences between men recruited for, 289

E
Electric current flow through human skin at power frequency voltages, 217
ELLIS, F. P.: The health of the Navy: the changing pattern, 190
Endotoxins, purified, effects of inhalation in man and rabbits, 314
Ethylene glycol dinitrate (ethylene dinitrate) metabolism in rats following repeated administration, 150
Eyes, effect of bis(2-n-butylthio) oxide in rabbits, 165

F
FERRIS, B. G., see PETERS, J. M. et al.
Fishermen, Grimsby deep sea, the occupation of trawl fishing and medical aid available, 1
Flax antigens, sensitization to, investigations of allergy in byssinosis, 101
—exposure in rope workers, respiratory symptoms and ventilatory capacities, 109
FOA, V., see CAVAGNA, G. et al.
Forced expiratory volume, circadian variation in shift workers, 121
FRIBORSKA, A.: The phosphatases of peripheral white blood cells in workers exposed to trichloroethylene and perchloroethylene, 159
Furnace operators, chronic exposure to zinc in brass foundry, 126

G
GAVRILESCU, N., see POPA, V. et al.
Geographical pathology, International Society, 10th Conference, Jerusalem, September 1-9, 1970, 349
GUBERAN, E., WILLIAMS, M. K., Walford, J., and SMITH, M. M.: Circadian variation of F.E.V. in shift workers, 121

H
HAAS, T., see LEHNERT, G. et al.
Haemodilution as a cause of anaemia in coalworkers, 237
HAMDI, E. A.: Chronic exposure to zinc of furnace operators in a brass foundry, 126
Hemp antigens, sensitization, investigations of allergy in byssinosis, 101
—exposure in rope workers, respiratory symptoms and ventilatory capacities, 109
Hippuric acid, phenol and trichloroacetic acid levels in urine of Japanese subjects with no known exposure to organic solvents, 162

—Significance of urinary hippuric acid determination as an index of toluene exposure, 244

Industrial medicine, current awareness index, introduction, 251

references, 253, 350


International Conference on Pneumoconiosis, April 23 to May 2, 1969, Johannesburg, 88

International Congress on Occupational Health XVI, September 22-27, 1969, Tokyo, 172

International Labour Organisation, Congress, Geneva, June 30-July 4, 1969, 88

Iron, serum, and iron kinetics in coalworkers with complicated pneumoconiosis, 65

Isocyanate hazard from wire insulation: an old hazard in a new guise, 79

J

Jones, E. Sherwood, see Beach, F. X. M. et al.

Jute antigens, sensitization to, investigations of allergy in byssinosis, 101

K


Kemp, J. H. and Munro, J. G.: Munchausen's syndrome simulating caisson disease, 81

Khogali, M.: A population study in cotton ginning workers in the Sudan, 308

King, E., see Williams, M. K. et al.

Klavis, G., see Lehner, G. et al.

L


Lapp, N. L., see Resnik, H. et al.

Lead absorption, in an electric accumulator factory, investigation using personal samplers, 202

—intracellular analysis of urinary delta-aminolevulinic acid, 240

Liddell, F. D. K. and Lindars, D. C.: An elaboration of the ILO classification of simple pneumoconiosis, 89

Limb, human, effects of power frequency voltages on, 224

Lindars, D. C., see Liddell, F. D. K. and Lindars, D. C.

Linden, V.: Absence from work and physical fitness, 47

Litchfield, M. H., see Clark, D. G. and Litchfield, M. H.

Liver, effect of carbon disulphide on, rats, 335

Macpherson, R. K.: The P4SR index—a critique of a recent criticism, 71

Magos, L. and Cernik, A. A.: A rapid method for estimating mercury in undigested biological samples, 144

Medical Recording Service, tape course in occupational health, 250

Medlars: Current awareness, 253, 350

Moore, S. R. W.: The mortality and morbidity of deep sea fishermen sailing from Grimsby in one year, 25

—The occupation of trawl fishing and the medical aid available to the Grimsby deep sea fisherman, 25

Morgan, W. K. C., see Resnik, H. et al.

Morley, R., see Carter, A. O. and Morley, R.

Munchausen's syndrome simulating caisson disease, 81

Munro, J. G., see Kemp, J. H. and Munro, J. G.

Murphy, R. L. H., see Peters, J. M. et al.

N

Nakao, K., see Wada, O. et al.

National Library of Medicine: Current awareness section, 253; 350

National Plutonium Registry, formation, 88

Navy, health, changing pattern, a review, 190

Newhouse, M. L.: A study of the mortality of workers in an asbestos factory, 294

—Validation of death certificates in asbestos workers, 302

Nicolet Castellino Foundation, prize, 88


O

Obesity, relation to prolonged absorption in dogs, 338

Occupation, XVI International Congress, Tokyo, September 22-27, 1969, 172

Occupational medicine, XI Czechoslovak Congress of Occupational Medicine, June 4-6, 1969, 88


Ogata, M., Tomokuni, K., and Takatsuka, Y.: Quantitative determination in urine of hippuric acid and m- or p-methylhippuric acid, metabolites of toluene and m- or p-xylene, 330

Ohtsuki, H., see Ikeda, M. and Ohtsuki, H.

Oliver, R. M.: Constitutional differences between men recruited for driving and non-driving occupations, 289

P

Paikew, D. P. G.: Isocyanate hazard from wire insulation: an old hazard in a new guise, 79

Paraquat, exposure of spray operators, 322

Peikan, Z.: Effects of bis(tri-n-butyltin) oxide on the eyes of rabbits, 165

Perchloroethylene and trichloroethylene, phosphatases of peripheral blood cells in workers exposed to, 159
Pesticides, method for determining dermal toxicity, 59
PETERS, J. M., MURPHY, R. L. H., FERRIS, B. G.: Ventilatory function in workers exposed to low levels of toluene diisocyanate: a six-month follow-up, 115
Phenol, hippuric acid and trichloroacetic acid levels in urine of Japanese subjects with no known exposure to organic solvents, 162
Phosphatases of peripheral white blood cells in workers exposed to trichloroethylene and perchloroethylene, 159
Physical fitness, and absence from work, 47
PLECIA, M., see POPA, V. et al.
Plutonium, National Plutonium Registry, formation, 88
Pneumoconiosis, complicated, in coalworkers, serum iron and iron kinetics, 65
---International Conference on Pneumoconiosis, April 23-May 2, 1969, 88
---simple, I.L.O. classification, elaboration, 89
---urinary hydroxyproline excretion in
135
PREDNA, N., see POPA, V. et al.
P4SR index, critique of a recent criticism, 71
---reply to critique, 76
R
Respiratory effects of chlorine gas, 7 accidental exposures, 231
Rope workers, exposed to hemp and flax, respiratory symptoms and ventilatory capacities, 109
S
SANDERSON, D. M., see NOAKES, D. and SANDERSON, D. M.
SCHALLER, K. H., see LEHNERT, G. et al.
SCHILLING, R. S. F., see SMITH, G. F. et al.
Shift workers, circadian variation of forced expiratory volume in, 121
---sleep and wakefulness in, 54
Sickness, absence from work attributed to, 169
Sleep and wakefulness in a group of shift workers, 54
SMITH, G. F., COLES, G. V., SCHILLING, R. S. F., and WALFORD, J.: A study of rope workers exposed to hemp and flax, 109
SMITH, M. M., see GUBERAN, E. et al.
Society of Toxicology, Annual scientific meeting, Atlanta, March 15-19, 1970, 349
Spectrometry, atomic absorption, cadmium determination in urine by, as a screening test in industrial medicine, 156
Sudan, population study of the cotton ginnery workers, 308
SWAN, A. A. B.: Exposure of spray operators to paraquat, 322
T
TAKATSUKA, Y., see OGATA, M. et al.
TECULESCU, D., see POPA, V. et al.
Toluene, and determination of hippuric acid and p-methylhippuric acid in urine, 330
---diisocyanate, ventilatory function in workers exposed to low-levels, six-month follow-up, 115
---exposure, urinary hippuric acid as index, 244
TOMOKUNI, K., see OGATA, M. et al.
Toxicity, dermal, of pesticides, method for determining, 59
TOYOKAWA, K., see WADA, O. et al.
Trawl fishing, and medical aid available to the Grimsby deep sea fishermen, 1
---mortality and morbidity of Grimsby deep sea fishermen in one year, 25
Trichloroacetic acid, hippuric acid and phenol levels in urine of Japanese subjects with no known exposure to organic solvents, 162
Trichloroethylene and perchloroethylene, phosphatases of peripheral white blood cells in workers exposed to, 159
TUNE, G. S.: Sleep and wakefulness in a group of shift workers, 54
U
URATA, G., see WADA, O. et al.
V
Vigliani, E. C., see Cavagna, G. et al.
Vision, colour, testing, theory and practice, review, part 1, 173; part 2, 265
Voltages, power frequency, effects on amputated human limb, 244
---electric current flow through human skin, 217
W
WADA, O., TOYOKAWA, K., URATA, G., YANO, Y., and NAKAO, K.: A simple method for the quantitative analysis of urinary delta-aminolevulinic acid to evaluate lead absorption, 240
Wagner, J. C., see Newhouse, M. L. and Wagner, J. C.
WALFORD, J., see GUBERAN, E. et al.
---SMITH, G. F. et al.
---WILLIAMS, M. K. et al.
White blood cells, peripheral, phosphatases, in workers exposed to trichloroethylene and perchloroethylene, 159
WILLIAMS, M. K., KING, E., and WALFORD, J.: An investigation of lead absorption in an electric accumulator factory with the use of personal samplers, 202
---see also GUBERAN, E. et al.
Wire insulation, isocyanate hazard from, old hazard in new guise, 79
WITHERP, S. H., see KEANE, W. T. et al.
Y
YANO, Y., see WADA, O. et al.
Z
ZAVON, M. R., see KEANE, W. T. et al.
Zinc, chronic exposure to, by furnace operators in a brass foundry, 126
## Contents

**No. 1. JANUARY, 1969**

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The occupation of trawl fishing and the medical aid available to the Grimsby deep sea fisherman. S. R. W. Moore</td>
<td>1</td>
</tr>
<tr>
<td>The mortality and morbidity of deep sea fishermen sailing from Grimsby in one year. S. R. W. Moore</td>
<td>25</td>
</tr>
<tr>
<td>Absence from work and physical fitness. Víctor Lindén</td>
<td>47</td>
</tr>
<tr>
<td>Sleep and wakefulness in a group of shift workers. G. S. Tune</td>
<td>54</td>
</tr>
<tr>
<td>A method for determining the dermal toxicity of pesticides. Diana N. Noakes and D. M. Sanderson</td>
<td>59</td>
</tr>
<tr>
<td>Serum iron and iron kinetics in coalworkers with complicated pneumoconiosis. B. W. B. Chan</td>
<td>65</td>
</tr>
</tbody>
</table>

**Notes and miscellanea**

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The P4SR index – a critique of a recent criticism. R. K. Macpherson</td>
<td>71</td>
</tr>
<tr>
<td>Reply to Professor Macpherson’s critique. C. H. Wyndham, A. McD. Allen, G. A. G. Bredell, and R. Andrew</td>
<td>76</td>
</tr>
<tr>
<td>Isocyanate hazard from wire insulation: an old hazard in a new guise. Dermod P. G. Paisley</td>
<td>79</td>
</tr>
<tr>
<td>Munchausen’s syndrome simulating caisson disease. J. H. Kemp and J. G. Munro</td>
<td>81</td>
</tr>
</tbody>
</table>

**Book reviews**                                       | 84   |

**No. 2. APRIL, 1969**

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>An elaboration of the I.L.O. classification of simple pneumoconiosis. F. D. K. Liddell and D. C. Lindars</td>
<td>89</td>
</tr>
<tr>
<td>An investigation of allergy in byssinosis: sensitization to cotton, hemp, flax, and jute antigens. V. Popa, N. Gavrilescu, N. Preda, D. Teculescu, M. Plecius, and M. Cîrstea</td>
<td>101</td>
</tr>
<tr>
<td>A study of rope workers exposed to hemp and flax. G. F. Smith, G. V. Coles, R. S. F. Schilling, and Joan Walford</td>
<td>109</td>
</tr>
<tr>
<td>Ventilatory function in workers exposed to low levels of toluene diisocyanate: a six-month follow-up. John M. Peters, Raymond L. H. Murphy, and Benjamin G. Ferris, Jr.</td>
<td>115</td>
</tr>
<tr>
<td>Circadian variation of F.E.V. in shift workers. E. Guberan, M. K. Williams, Joan Walford, and Margaret M. Smith</td>
<td>121</td>
</tr>
<tr>
<td>Chronic exposure to zinc among furnace operators in a brass foundry. Ebtissam A. Hamdi</td>
<td>126</td>
</tr>
<tr>
<td>Urinary hydroxyproline excretion in coalworkers’ pneumoconiosis. H. Resnick, N. L. Lapp, and W. K. C. Morgan</td>
<td>135</td>
</tr>
<tr>
<td>Intracellular distribution of lead in the liver and kidney of the rat. N. Castellino and S. Aloj</td>
<td>139</td>
</tr>
<tr>
<td>A rapid method for estimating mercury in undigested biological samples. L. Magos and A. A. Cernik</td>
<td>144</td>
</tr>
<tr>
<td>Metabolism of ethylene glycol dinitrate (ethylene dinitrate) in the rat following repeated administration. D. G. Clark and M. H. Litchfield</td>
<td>150</td>
</tr>
<tr>
<td>Cadmium determination in urine by atomic absorption spectrometry as a screening test in industrial medicine. G. Lehnert, G. Klavis, K. H. Schaller, and T. Haas</td>
<td>156</td>
</tr>
<tr>
<td>The phosphatases of peripheral white blood cells in workers exposed to trichloroethylene and perchloroethylene. Alžběta Fribská</td>
<td>159</td>
</tr>
<tr>
<td>Hippuric acid, phenol and trichloroacetic acid levels in the urine of Japanese subjects with no known exposure to organic solvents. Masayuki Ikeda and Hatsue Ohtsui</td>
<td>162</td>
</tr>
</tbody>
</table>

**Notes and miscellanea**

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effects of bis(tri-n-butylin) oxide on the eyes of rabbits. Zdenek Pelikan</td>
<td>165</td>
</tr>
<tr>
<td>Absence from work attributed to sickness. A. M. Adelstein</td>
<td>169</td>
</tr>
</tbody>
</table>

**Book reviews**                                       | 171  |
<table>
<thead>
<tr>
<th>No. 3. JULY, 1969</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory and practice of colour vision testing: a review. Part 1. R. LAKOWSKI</td>
<td>173</td>
</tr>
<tr>
<td>The health of the Navy: the changing pattern. F. P. ELLIS</td>
<td>190</td>
</tr>
<tr>
<td>An investigation of lead absorption in an electric accumulator factory with the use of personal samplers. M. K. WILLIAMS, E. KING, and JOAN WALFORD</td>
<td>202</td>
</tr>
<tr>
<td>Electric current flow through human skin at power frequency voltages. A. O. CARTER and R. MORLEY</td>
<td>217</td>
</tr>
<tr>
<td>Effects of power frequency voltages on amputated human limb. A. O. CARTER and R. MORLEY</td>
<td>224</td>
</tr>
<tr>
<td>Respiratory effects of chlorine gas. F. X. M. BEACH, E. SHERWOOD JONES, and G. D. SCARROW</td>
<td>231</td>
</tr>
<tr>
<td>Haemodilution as a cause of anaemia in coalworkers. B. W. B. CHAN</td>
<td>237</td>
</tr>
<tr>
<td>A simple method for the quantitative analysis of urinary delta-aminolevulinic acid to evaluate lead absorption. O. WADA, K. TOYOKAWA, G. URATA, Y. YANO, and K. NAKAO</td>
<td>240</td>
</tr>
<tr>
<td>Significance of urinary hippuric acid determination as an index of toluene exposure. M. IKEDA and H. OHTSUI</td>
<td>244</td>
</tr>
<tr>
<td>Book reviews</td>
<td>247</td>
</tr>
<tr>
<td>An introduction to the Current awareness section. W. R. LEE and K. S. WILLIAMSON</td>
<td>251</td>
</tr>
<tr>
<td>Current awareness</td>
<td>253</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No. 4. OCTOBER, 1969</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory and practice of colour vision testing: a review. Part 2. R. LAKOWSKI</td>
<td>265</td>
</tr>
<tr>
<td>Constitutional differences between men recruited for driving and non-driving occupations. R. M. OLIVER</td>
<td>289</td>
</tr>
<tr>
<td>A study of the mortality of workers in an asbestos factory. M. L. NEWHOUSE</td>
<td>294</td>
</tr>
<tr>
<td>Validation of death certificates in asbestos workers. M. L. NEWHOUSE and J. C. WAGNER</td>
<td>302</td>
</tr>
<tr>
<td>A population study in cotton ginnery workers in the Sudan. MUSTAFA KHOGLI</td>
<td>308</td>
</tr>
<tr>
<td>Effects in man and rabbits of inhalation of cotton dust or extracts and purified endotoxins. G. CAVAGNA, V. FOÀ, and E. C. VIGLIANI</td>
<td>314</td>
</tr>
<tr>
<td>Exposure of spray operators to paraquat. A. A. B. SWAN</td>
<td>322</td>
</tr>
<tr>
<td>Quantitative determination in urine of hippuric acid and m- or p-methylhippuric acid, metabolites of toluene and m- or p-xylene. M. OGATA, K. TOMOKUNI, and Y. TAKATSUKA</td>
<td>330</td>
</tr>
<tr>
<td>Effects of carbon disulphide on the liver of rats. E. J. BOND, W. H. BUTLER, F. DE MATTEIS, and J. M. BARNES</td>
<td>335</td>
</tr>
<tr>
<td>Dieldrin poisoning in dogs: relation to obesity and treatment. WILLIAM T. KEANE, MITCHELL R. ZAVON, and SAMUEL H. WITHERUP</td>
<td>338</td>
</tr>
<tr>
<td>Book reviews</td>
<td>342</td>
</tr>
<tr>
<td>Current awareness</td>
<td>350</td>
</tr>
</tbody>
</table>