MANSOUR, ALI HASEEB, see HORGAN, E. S.

MARTIN, W. J. The sex ratio of pneumonia mortality, 315

MATTICK, A. T. R., see SHATTOCK, P. M. F.

MUNRO, W. T., see GRIFFITH, THE LATE A. STANLEY MURRAY, J. F. Diphtheria among the Bantu, 159

MURRAY, J. F. Bantu immunity to scarlet-fever toxin,

PIJPER, ADRIANUS and CROCKER, CLARICE G. Typhoid carriers and Vi agglutinins, 201

Pollock, M. R., see Knox, R.

PULVERTAFT, R. J. V. The use of antiseptic sprays for air sterilization, 352

Robinow, C. F. Cytological observations on Bact. coli, Proteus vulgaris and various aerobic spore-forming bacteria with special reference to the nuclear structures, 413

SHATTOCK, P. M. F. and MATTICK, A. T. R. The serological grouping of Streptococcus lactis (group N) and its relationship to Streptococcus faecalis, 173

SPIRA, LEO. Mottled nails. A sign of early fluorosis.

Spira, Leo. Some epithelial changes in fluorosis, 400 SPIRA, LEO. Incidence of dystrophies caused by fluorine in organs regulated by the parathyroid glands, 402

SPIRA, LEO and GRIMBLEBY, F. H. Fluorine in drinking water, 141

STAMP, LORD and STONE, DORIS M. An agglutinogen common to certain strains of lactose and non-lactosefermenting coliform bacilli, 266

STEABBEN, DOROTHY. A study on bacteriological lines of the antigens derived from Bact. dysenteriae Shiga and of their antisera in protective tests against living organisms, 83

STEWART, F. H. A review of some recent work on papillary variation in bacteria and bacterial cytology, 136

STOCKS, PERCY. Diabetes mortality in 1861-1942 and some of the factors affecting it, 242 STONE, DORIS M., see STAMP, LORD

TWORT, C. C., see BAKER, A. H.

TWORT, J. M. and LYTH, R. Concentration of the carcinogenic material in a Venezuelan spindle oil by simultaneous molecular distillation and chromatographic adsorption, 248

TWORT, J. M. and LYTH, R. The prophylactic effect of a colloid material on the skins of mice painted with various types of carcinogenic agents, 252

VAN DEN ENDE, M. An apparatus for the safe inoculation of animals with dangerous pathogens, 189

WILSON, G. S., see HOBBS, BETTY

INDEX OF SUBJECTS

Aerial suspensions of influenza virus, killing of, 196 Aerobic spore-bearing bacteria, cytological observations on, 413

Aerosols, killing of virus by, 11

Agglutinins, Vi and typhoid carriers, 201

Agglutinogen common to coliform bacilli, 266

Air, disinfection by germicidal mists, 382

Air, disinfection by hypochlorites, 16

Air, disinfection by vapours, 382

Air of occupied rooms, bacteria in, 16

Air of occupied rooms, disinfection of, 16

Air-borne virus infections, 1, 11, 196

Air-sterilization by antiseptic sprays, 352

Animals, a safe method of inoculation, 189

Antigen, species, 330

Antigenicity of T.A.B.C. vaccine after admixture with tetanus toxoid, 207

Antigens of Bact. dysenteriae Shiga, 83

Antiseptic sprays for air-sterilization, 352

Bacteria, nuclear structures on, 413 Bacteria, papillary variation, 136

Bacterial cytology, 136, 413

Bacteriological media, tetrathionate in, 147

Bacteriology of activated sludge, 424

Bacteriology of dehydrated foods, 370

Bact. coli, cytological observations on, 413 Bact. coli, reaction to phenol, 275, 363 Bact. dysenteriae, antigens from, 83 Bact. paratyphosum B, typing of strains, 411 Bantu, diphtheria among, 159 Bantu, immunity to scarlet fever toxin, 170

Bile salt, possible bactericidal effect of, 129

Carcinogenic agents, prophylaxis against, 252 Carcinogenic material in Venezuelan spindle oil, 248 Children, school, height and weight measurements, 55 Coliform bacilli, agglutinogen common to, 266 Coliform organisms, comparative detection in milk and water, 129

Cytological observations on Bact. coli and other bacteria, 413

Cytology, bacterial, 136

Decompression, principle of partial pressure of gases

Dehydrated foods, some bacteriological aspects of, 370 Diabetes mortality, 1861-1942, 242 Diets, thiamin deficient, 217 Diphtheria among the Bantu, 159

Diphtheria in Glasgow, 1934-42, 341

Disinfection, dynamics of, 275, 363

Index of Subjects

Drinking water, fluorine in, 141 Dundee, paratyphoid fever epidemic in, 219 Dystrophies in organs, caused by fluorine, 402

Ectromelia, infectious, air-borne infection, 1 Epithelial changes in fluorosis, 400

Factor analysis in nutritional assessment, 395
Fluorine in drinking water, 141
Fluorine, dystrophies caused by, 402
Fluorosis, epithelial changes in, 400
Fluorosis, mottled nails in, 69
Foods, dehydrated, some bacteriological aspects of, 370
Foot perspiration, studies in, 72
Foot-wear, action of perspiration on, 72

Glasgow, diphtheria in, 1934-42, 341 Germicidal mists in air disinfection, 382 Germicidal vapours in air disinfection, 382

Haemolytic streptococci in dust of hospital wards, 256 Hypochlorites, disinfection of air by, 16 Hypochlorous acid, killing of influenza virus by, 196

Infectious ectromelia, air-borne infection, 1 Influenza, air-borne infection, 1 Inoculation of animals, a safe method, 189

Kristensen and Bojlen's method in typing strains of Bact. paratyphosum B, 411

Media, selective action of tetrathionate in, 147
Mice, prophylaxis against carcinogenic agents in, 252
Milk bottles, cleaning and sterilization of, 96
Milk, comparative detection of coliform organisms in,
129

Mortality, diabetes, 1861–1942, 242 Mortality, sex ratio in pneumonia, 315 Mottled nails in fluorosis, 69

Nails, mottled, in fluorosis, 69 Nuclear structures in bacteria, 413 Nutritional assessment, factor analysis in, 395

Oil, Venezuelan spindle, carcinogenic material in, 248 'Opposition factor' in bacteria, 330 Organs, dystrophies in, caused by fluorine, 402

Papillary variation, bacterial, 136
Paratyphoid fever in Dundee, 219
Perspiration, foot, studies in, 72
Phenol, new data on reaction of Bact. coli to, 275, 363
Pneumonia, sex ratio of mortality, 315
Proteus vulgaris, cytological observations on, 413
Pulmonary tuberculosis of bovine origin, 229

Q fever, epidemiology of, 357

Re-vaccination as a measure of immunity to smallpox,

Scarlet fever toxin, immunity of Bantu to, 170
School children, height and weight measurements of, 55
Serological grouping of Streptococcus lactis, 173
Serum-drying plant, safety circuit for, 349
Sludge, bacteriology of activated, 424
Smallpox, re-vaccination as a measure of immunity, 337
Species antigen, 330
Spindle oil, carcinogenic material in, 248
Sprays, antiseptic for air sterilization, 252
Sterilization of milk bottles, 96
Streptococci, haemolytic, in dust of hospital wards, 256
Streptococcus faecalis, relation to Str. lactis, 173
Streptococcus lactis, serological grouping of, 173

T.A.B.C. vaccine, 207
Tetrathionate, selective action in media, 147
Thiamin-deficient diets, 217
Tuberculosis, pulmonary, of bovine origin, 229
Typhoid carriers and Vi agglutinins, 201

Ultra-violet radiations, killing of virus by, 11

Vi agglutinins and typhoid carriers, 201
Vaccinations, accidental, on hands of workers, 273
Vaccine, T.A.B.C., 207
Vapours, germicidal, for air disinfection, 382
Venezuelan spindle oil, carcinogenic material in, 248
Virus infections, air-borne, 1, 11, 196
Vitamin A assays, accuracy of, 291
Voges-Proskauer test, a-naphthol modification of, 214

Water, comparative detection of coliform organisms in, 129 Water, drinking, fluorine in, 141