

Index of Authors

Small roman numerals refer to pages in Abstracts of Communications read at Meetings for Original Communications of The Nutrition Society.

Entries marked with an asterisk () are those printed only by title.*

- AAES-JØRGENSEN, E. Hydrogenated oils and poly-unsaturated fatty-acid isomers in nutrition 156
- ADAMS, E. P. *see* BENDER, A. E. xxiv
- ANDERSEN, D. A. The nutritional significance of primary bladder stones xliv
- ANDROSS, M. Flavour and flavour acceptance 40
- AYKROYD, W. R. The place of food science and technology in the campaign against malnutrition: Chairman's opening remarks 91
- AYLWARD, F. Some African problems 112

- BATH, I. H. and ROOK, J. A. F. The effect of stage of growth of S 23 perennial rye-grass on the production of volatile fatty acids in the rumen of the cow xv
- BENDER, A. E. and ADAMS, E. P. An investigation of suggested physiological functions of carnitine xxiv
- BERRY, W. T. C. *see* KILPATRICK, R. xxxvii
- *BLAKE, E. C. and DURNIN, J. V. G. A. The food intake and energy expenditure of some elderly men working in heavy and light engineering xxiii
- BLAXTER, K. L., McCALLUM, E. S. R., WILSON, R. S., SHARMAN, G. A. M. and DONALD, L. G. Prevention of enzootic muscular dystrophy by selenium administration vi
- BLAXTER, K. L. and WAJNMAN, F. W. The utilization of the energy of the same food by cattle and sheep xxxiii
- BLAXTER, K. L. *see also* MARTIN, A. K. vii
- BOLTON, W. The absorption of food from the gut of the fowl xxv
- BOLTON, W. *see also* SILLER, W. G. 163
- BOYNE, A. W. *see* DAVIDSON, J. xxxv
- BRAMWELL, E. M. Diet of London busmen—a sample study 30

- CAMPLING, R. C. and FREER, M. The effect of urea on the voluntary intake of oat straw by cattle xvi
- CHALMERS, T. M. Adipose tissue metabolism and calorie balance 68
- CHARLESON, E. B. *see* PRESTON, T. R. xlvi
- CLAPPERTON, J. L. The energy expenditure of sheep in walking on the level and on gradients xxxi
- CLARK, C. M. *see* MUNRO, H. N. xxvi
- COOK, R. P. Biochemistry and metabolism of fats 140

- CORRAN, J. W. Factors affecting development of food science and technology and food research in Pakistan 128
- CROSSLEY, A. The chemistry of the animal and vegetable fats in relation to their utilization and industrial processing 143
- CUTHBERTSON, W. F. J. The commercial development of a protein-rich food supplement in Nigeria 122

- DALGARNO, A. C. *see* QUARTERMAN, J. xxviii
- DAVIDSON, J., ELLINGER, G. M. and BOYNE, A. W. Amino-acid supplementation of an experimental diet for laying hens xxxv
- DONALD, L. G. *see* BLAXTER, K. L. vi
- DURBIN, P. A. J. *see* HEARD, C. R. C. xx
- DURNIN, J. V. G. A. Basic physiological factors affecting calorie balance 52
- DURNIN, J. V. G. A. The availability of nutrients in diets containing differing quantities of unavailable carbohydrate: a study on young and elderly men and women. i. General description and proportionate losses of calories ii
- *DURNIN, J. V. G. A. *see also* BLAKE, E. C. xxxii

- EDHOLM, O. G. Energy expenditure and calorie intake in young men 71
- ELLINGER, G. M. *see* DAVIDSON, J. xxxv

- FELL, B. F., WILLIAMS, R. B. and MILLS, C. F. Further studies of nervous-tissue degeneration resulting from 'conditioned' copper deficiency in lambs xxvii
- FRANKUL, W. Problems and some solutions: Iraq 102
- FRAZER, A. C. Animal and vegetable fats: Chairman's opening remarks 138
- FREER, M. *see* CAMPLING, R. C. xvi
- FRYER, J. H. Studies of body composition in men aged 60 and over xlvi
- FRYER, J. H., MILLER, D. S. and PAYNE, P. R. A calorie paradox? xlxi

- GOODLAD, G. A. J. *see* MUNRO, H. N. xxvi
- GREENE, R. The effects of the endocrine system on calorie balance in man 64
- GREGORY, M. E. *see* MORGAN, T. B. ix
- GRESHAM, G. A. *see* HOWARD, A. N. iv, xxxviii

- HALDER, K. Problems and some solutions: India 95
- HEARD, C. R. C., DURBIN, P. A. J. and PLATT, B. S. Delayed maturation of protein-deficient pigs as indicated by response to intravenous insulin and glucose xx
- HEARD, C. R. C., MEYER, A., PAMPIGLIONE, G., STEWART, R. J. C. and PLATT, B. S. Clinical, electroencephalographic and pathological changes in the nervous system of experimental animals 1
- HENSCHEL, M. J., HILL, W. B. and PORTER, J. W. G. The development of proteolytic enzymes in the abomasum of the young calf xl
- HENSCHEL, M. J., HILL, W. B. and PORTER, J. W. G. Proteolysis of milk and synthetic milks in the abomasum of the young calf xli
- HENSCHEL, M. J. and PORTER, J. W. G. The development of the secretion of proteases and carbohydrases in the guinea-pig xxiii
- HERFORD, G. V. B. Losses resulting from the infestation of stored products by insects xi
- HILL, W. B. *see* HENSCHEL, M. J. xl, xli
- HOCKEN, R. W. The relationship of the leakage of bone marrow and the staining of the legs of broiler carcasses to the bone calcification and sex of the bird xxii
- HOLLINGSWORTH, D. F. The changing patterns in British food habits since the 1939–45 war 25
- HORNE, J. N. *see* KILPATRICK, R. xxxvii
- HOWARD, A. N. and GRESHAM, G. A. The effect of natural and synthetic fats on the production of atherosclerosis and thrombosis in the rat iv
- HOWARD, A. N. and GRESHAM, G. A. Lipid concentrations in rabbits given atherogenic diets xxxviii
- HOWARD, B. H. Fermentation of pectin by rumen bacteria xxix
- HUGHES, D. E. and WILSON, D. C. Thyroid activity and the dental enamel v
- HYTTEN, F. E. *see* THOMSON, A. M. 76
- JAMIESON, M. M., OXENHAM, J. and ROBERTSON, J. Fat absorption by white bread during frying xxii
- JONES, F. G. W. Nematode injury to crops i
- JONES, H. G., MACKIE, W. S. and SANSON, B. F. Metabolism of radiocalcium and radiostrontium in the ewe xxxiv
- KENNEDY, G. C. The central nervous regulation of calorie balance 58
- KHAIRY, M., MORGAN, T. B. and YUDKIN, J. The choice of diets of differing caloric density by normal and hyperphagic rats xxxix
- KILPATRICK, R., BERRY, W. T. C. and HORNE, J. N. The influence of iodine supplementation on the incidence of thyroid enlargement in schoolchildren xxxvii
- KÖKSAL, O. Problems and some solutions: Turkey 99
- KON, S. K. *see* MORGAN, T. B. ix
- LARGE, E. C. Disease losses in potatoes 15
- LEAT, W. M. F. The role of α -tocopherol in the pig iii
- LEAT, W. M. F. Essential fatty-acid (EFA) requirement of the pig. 2 xvi
- LEECH, F. B. Food losses through animal disease 20
- MCCALLUM, E. S. R. *see* BLAXTER, K. L. vi
- MCLACHLAN, T. Soup: an appetizer or a food i
- MACDEARMID, A. *see* PRESTON, T. R. xlvi
- MACDONALD, I. Some effects on hepatic lipid of varying the dietary carbohydrate intake xxv
- MACDONALD, I. and WARREN, P. J. The copper content of the liver and hair in kwashiorkor xxvi
- MCDONALD, I. *see* QUARTERMAN, J. xxviii
- MACKIE, W. S. *see* JONES, H. G. xxxiv
- MACLEOD, N. A. *see* PRESTON, T. R. xlvi
- MICROBERTS, M. R. A dental malocclusion associated with rickets in growing lambs xxxvii
- MAQSOOD ALI, S. Problems and some solutions: Pakistan 105
- MARR, J. W. A technique of carrying out individual weighed diet surveys xxxix
- MARTIN, A. K. and BLAXTER, K. L. Protein as a source of energy for synthesis of fat in sheep vii
- MEYER, A., STEWART, R. J. C. and PLATT, B. S. The spinal cord of pigs on low-protein diets xviii
- MEYER, A. *see also* HEARD, C. R. C. 1
- MILLER, D. S. The nutritive value of pulses xxi
- MILLER, D. S., NAISMITH, D. J. and PELLETT, P. L. The nutritive value of the haggis xxxii
- MILLER, D. S. and PAYNE, P. R. The effect of calorie intake on net dietary-protein value xlvi
- MILLER, D. S. *see also* FRYER, J. H. xlxi
- MILLER, D. S. *see also* PAYNE, P. R. xii
- MILLER, D. S. *see also* PLATT, B. S. viii
- MILLER, W. S. An improved method for measuring the nutritive value of protein sources in diets for growing chickens xlvi
- MILLS, C. F. *see* FELL, B. F. xxvii
- MORGAN, T. B., GREGORY, M. E., KON, S. K. and PORTER, J. W. G. Coprophagy and vitamin B₁₂ in the rat ix
- MORGAN, T. B. and YUDKIN, J. Effect of ascorbic acid and of cellulose on the thiamine requirement of the rat x
- MORGAN, T. B. and YUDKIN, J. The calorie value of sorbitol x
- MORGAN, T. B. *see also* KHAIRY, M. xxxix
- MUNRO, H. N., CLARK, C. M. and GOODLAD, G. A. J. Loss of liver glycogen after administration of protein or amino acids xxvi
- NAISMITH, D. J. *see* MILLER, D. S. xxxii

- OLIVER, M. F. Lipids and atherosclerosis in man 169
- ORRACA-TETTEH, R. Problems and some solutions: Ghana 109
- OXENHAM, J. *see* JAMIESON, M. M. xxii
- PAMPIGLIONE, G. *see* HEARD, C. R. C. 1
- PAYNE, P. R., MILLER, D. S. and PLATT, B. S. The use of a desiccant in the freeze-drying of foods on a laboratory scale xii
- PAYNE, P. R. *see also* FRYER, J. H. xl ix
- PAYNE, P. R. *see also* MILLER, D. S. xl viii
- PELETT, P. L. The use of the ballistic bomb calorimeter for the determination of fat xl v
- PELETT, P. L. *see also* MILLER, D. S. xxxii
- PLATT, B. S. Problems and some solutions: introduction 93
- PLATT, B. S. and MILLER, D. S. The protein value of human breast milk viii
- PLATT, B. S. *see also* HEARD, C. R. C. xx, 1
- PLATT, B. S. *see also* MEYER, A. xviii
- PLATT, B. S. *see also* PAYNE, P. R. xii
- PLATT, B. S. *see also* STEWART, R. J. C. xlvi
- PORTER, J. W. G. *see* HENSCHEL, M. J. xxiii, xl, xli
- PORTER, J. W. G. *see* MORGAN, T. B. ix
- PRESTON, T. R., WHITELAW, F. G., MACDEARMID, A., MACLEOD, N. A. and CHARLESON, E. B. Preliminary experiments with a roughage-free diet for beef cattle xl ii
- PYKE, M. The effects of industrialization, recent food legislation and advertising on food habits in Britain 46
- QUARTERMAN, J., DALGARNO, A. C. and McDONALD, I. The natural source of vitamin D for sheep xxviii
- ROBERTSON, J. *see* JAMIESON, M. M. xxii
- ROOK, J. A. F. *see* BATH, I. H. xv
- SANSOM, B. F. *see* JONES, H. G. xxxiv
- SHARMAN, G. A. M. *see* BLAXTER, K. L. vi
- SILLER, W. G. and BOLTON, W. Fats and atherosclerosis in fowls 163
- SINCLAIR, H. M. Animal and vegetable fats as human foods 149
- SOUTHGATE, D. A. T. The availability of nutrients in diets containing differing quantities of unavailable carbohydrate: a study on young and elderly men and women. 2. Nitrogen, fat, carbohydrates and some inorganic constituents iii
- SQUIRES, B. T. The buccal mucosa of the African in malnutrition xix
- STEWART, R. J. C. and PLATT, B. S. Dietary protein deficiency and the growth and mineralization of the bones of the pig xl vi
- STEWART, R. J. C. *see also* HEARD, C. R. C. 1
- STEWART, R. J. C. *see also* MEYER, A. xviii
- TAGGART, N. Food habits in pregnancy 35
- TAGGART, N. Skinfold measurements during human pregnancy xxx
- THOMSON, A. M. and HYTTEN, F. E. Calorie requirements in human pregnancy 76
- TOMKINS, J. W. Farmers balancing of feedstuffs xi
- WAINMAN, F. W. *see* BLAXTER, K. L. xxxii
- WARREN, P. J. *see* MACDONALD, I. xxxvi
- WAY, M. J. Crop losses by insects and the problem of control 5
- WHITELAW, F. G. *see* PRESTON, T. R. xl ii
- WIDDOWSON, E. M. Energy balance in early life 83
- WILLIAMS, R. B. *see* FELL, B. F. xxvii
- WILSON, A. T. M. Nutritional change: some comments from social research 133
- WILSON, D. C. *see* HUGHES, D. E. v
- WILSON, R. S. *see* BLAXTER, K. L. vi
- WOKES, F. India's food problems 117
- YUDKIN, J. *see* KHAIRY, M. xxxix
- YUDKIN, J. *see* MORGAN, T. B. x