

## Index of Authors

*Numerals followed by the letter A refer to pages in Abstracts of Communications read at Meetings for Original Communications of The Nutrition Society.*

- ADAMS, P. H. *see* STANBURY, S. W. 111
- AL-HAIDARI, A. H. and TRUSWELL, A. S. Detection of sucrose and trehalose in the urine of normal human subjects 23A
- ALLEN, K. A., AYRES, C. E., MUNDAY, K. A. and TURNER, M. R. Effect of protein deficiency on glucagon-stimulated insulin secretion, and on glycogen storage and release in rabbits 96A
- AL-SAMARRAE, W., MA, M. C. F. and TRUSWELL, A. S. Methylxanthine consumption from coffee and tea 18A
- AMADI, S. C. and HEWITT, D. The digestibility and availability of lysine and methionine in isolated soya-bean protein after severe heat damage 26A
- AMYES, S. J. G., ROBERTS, P. M. M. and SCOTT, P. P. The effect of age on the blood and liver folate concentration of laboratory animals 25A
- ANNISON, E. F. *see* BUTTERY, P. J. 91A
- ARNEIL, G. C. Nutritional rickets in children in Glasgow 101
- ASHWELL, M., PRIEST, P., BONDOUX, M. and GARROW, J. S. Resistance to slimming: adipose tissue cellularity studies 85A
- ATKINSON, T. *see* RADCLIFFE, J. D. 54A
- AXFORD, R. F. E., OFFER, N. W. and EVANS, R. A. The protection of dietary casein from degradation in the rumen 66A
- AXFORD, R. F. E. *see also* EVANS, R. A. 65A
- AXFORD, R. F. E. *see also* OFFER, N. W. 67A
- AYRES, C. E. *see* ALLEN, K. A. 96A
- BECK, H. *see* ERBERSDOBLER, H. 21
- BECKERTON, A. *see* BUTTERY, P. J. 91A
- BEEVER, D. E. *see* THOMSON, D. J. 111A
- BINES, J. A., STORRY, J. E. and BRUMBY, P. E. Intake, digestion and production by dairy cows given protected lipids in early lactation 108A
- BLAIR, R. Concepts in practical diet formulation 43
- BLAXTER, K. L. Conventional and unconventional farmed animals 51
- BLAXTER, K. L. Introduction (Inaugural Boyd Orr Memorial Lecture) 145
- BLAXTER, K. L. Chairman's opening remarks 159
- BODDY, K. *see* WOMERSLEY, J. 114A
- BOERMA, A. H. The 30 years' war against world hunger 146
- BONDOUX, M. *see* ASHWELL, M. 85A
- BOURNE, A. R., RICHARDSON, D. P., BRUCKDORFER, K. R. and YUDKIN, J. The effects of feeding starch, sucrose, glucose or fructose to rats during pregnancy and early lactation 80A
- BRANCH, W. J., SOUTHGATE, D. A. T. and JAMES, W. P. T. Binding of calcium by dietary fibre: its relationship to unsubstituted uronic acids 120A
- BRAUDE, R., LOW, A. G., PARTRIDGE, I. G. and SAMBROOK, I. E. A comparison of apparent digestibility values for nutrients from measurements in the ileum and faeces of growing pigs 46A
- BRAUDE, R., MITCHELL, K. G. and RHODES, D. N. A new source of protein for growing pigs 51A
- BREMNER, I. The interaction between copper, molybdenum and sulphide in rumen contents of sheep 10A
- BRUCKDORFER, K. R. *see* BOURNE, A. R. 80A
- BRUCKDORFER, K. R. *see* WORCESTER, N. A. 81A, 82A, 124A, 125A
- BRUMBY, P. E. *see* BINES, J. A. 108A
- BUTLER, E. J. Lipid metabolism in the fowl under normal and abnormal circumstances 29
- BUTTERY, P. J., BECKERTON, A., MITCHELL, R. M., DAVIES, K. and ANNISON, E. F. The turnover rate of muscle and liver protein in sheep 91A
- CAMERON, D. J. Rapid spectroscopic method for the estimation of ascorbic acid in infant milks 7A
- CHAMBERS, A. R. M., MILNE, J. A., RUSSEL, A. J. F. and WHITE, I. R. An apparatus for the measurement and sampling of urine from grazing female sheep 71A
- CHATTERJEE, A. K., NNANYELUGO, D. O. and MILLWARD, D. J. The effect of castration on the rate of tissue protein synthesis in vivo 28A
- CHATTERJEE, A. K. *see also* MILLWARD, D. J. 95A
- CHAYEN, J. *see* RUDRA, D. N. 122A
- CHESTERS, J. K. Food intake control in zinc-deficient rats of the Zucker-Zucker strain 103A
- CLARKE, M. *see* ROBINSON, D. S. 45A
- CLEGG, K. M. and MACDONALD, J. M. D-Isoascorbic acid investigated in a common cold survey 7A

- CLIFFORD, D. *see* FISHWICK, G. 74A  
 CLIFTON-BLIGH, P. *see* GALTON, D. J. 265  
 CLOSE, W. H. and MOUNT, L. E. Fasting heat loss in the growing pig 13A  
 COOPER, D. F. *see* HEELEY, D. M. 69A  
 COUCH, J. R. and FERGUSON, T. M. Nutrition and embryonic development in the domestic fowl 1  
 COWEY, C. B. Aspects of protein utilization by fish 57  
 CRYER, A. *see* ROBINSON, D. S. 211  
 CZERKAWSKI, J. W. Composition of microbial matter in the rumen 62A
- DAMATY, S. and HUDSON, B. J. F. A secondary interaction between gossypol and cottonseed protein 48A  
 DAVIDSON, J. and SPREADBURY, D. Nutrition of the New Zealand White rabbit 75  
 DAVIES, K. *see* BUTTERY, P. J. 91A  
 DAVIES, N. T. and NIGHTINGALE, R. Effect of phytate on zinc absorption and faecal zinc excretion and carcass retention of zinc, iron, copper and manganese 8A  
 DAVIES, P. *see* ROBINSON, D. S. 211  
 DEANS, P. S. and WOODHAM, A. A. The effect of lighting period on the growth of broiler chicks 3A  
 DENTON, R. M. Hormonal regulation of fatty acid synthesis in adipose tissue through changes in the activities of pyruvate dehydrogenase (*EC* 1.2.4.1) and acetyl-CoA carboxylase (*EC* 6.4.1.2) 217  
 DE SILVA, P. *see* STANBURY, S. W. 111  
 DEWAR, W. A., WHITEHEAD, C. C., DOWNIE, J. N. and POTTER, E. The retention of calcium, iron, magnesium and zinc in chicks fed on diets containing metal soaps 5A  
 DEWEY, P. J. S. *see* RADCLIFFE, J. D. 54A  
 DEWEY, P. J. S. *see* SMITH, J. S. 101A  
 DICKERSON, J. W. T. *see* RUDRA, D. N. 122A  
 DOWNIE, J. N. *see* DEWAR, W. A. 5A  
 DUODU, T. A. and WATERLOW, J. C. Biochemical 'tests' of marginal protein deficiency in the rat 42A  
 DURNIN, J. V. G. A. *see* WOMERSLEY, J. 114A
- EDWARDS, N. A. *see* McMILLAN, R. T. 21A  
 EDWARDS-WEBB, J. D. *see* TOOTHILL, J. 20A  
 ELDERFIELD, M. L. *see* THOMSON, D. J. 111A  
 ERBERSDOBLER, H., GROPP, J. and BECK, H. Utilization of protein for growth and egg production 21  
 ESCRIVÁ, J. *see* VARELA, G. 93A  
 EVANS, R. A., AXFORD, R. F. E. and OFFER, N. W. A method for estimating the quantities of microbial and dietary proteins flowing in the duodenal digesta of ruminants 65A  
 EVANS, R. A. *see also* AXFORD, R. F. E. 66A  
 EVANS, R. A. *see also* OFFER, N. W. 67A  
 EXTON-SMITH, A. N. *see* HEARD, C. R. C. 86A
- FAIRHURST, E. *see* KEARSLEY, M. 60A  
 FERGUSON, T. M. *see* COUCH, J. R. 1  
 FERRO-LUZZI, A. *see* STOCK, M. J. 57A  
 FISHWICK, G. and CLIFFORD, D. The effects of a low protein intake by beef cows during pregnancy on the voluntary intake of roughage, the composition of the colostrum and the serum immune globulin concentration of their calves 74A  
 FISHWICK, G. *see also* HEMINGWAY, R. G. 78A  
 FOSBROOKE, A. S. *see* WHARTON, B. A. 87A  
 FOXCROFT, P. D. *see* HUTTON, K. 49A  
 FRANGI, S. M. *see* HEARD, C. R. C. 86A  
 FRASER, D. R. Advances in the knowledge of the metabolism of vitamin D 139  
 FULLER, M. F., LIVINGSTONE, R. M. and MENNIE, I. Responses of growing pigs to combinations of essential amino acids 99A
- GALTON, D. J., RECKLESS, J. P. D., CLIFTON-BLIGH, P. and GILBERT, C. H. The control of fatty acid metabolism in adult diabetes 265  
 GARLICK, P. J. *see* MILLWARD, D. J. 33A  
 GARROW, J. S. and STALLEY, S. Is there a 'set point' for human body-weight? 84A  
 GARROW, J. S. *see also* ASHWELL, M. 85A  
 GARTON, G. A. and WAHLE, K. W. J. Effects of diet on fatty acid metabolism 257  
 GILBERT, C. H. *see* GALTON, D. J. 265  
 GREEN, E., MILLER, D. S. and WYNN, V. Oxygen consumption of obese and anorectic patients 14A  
 GREEN, L. F. *see* KEARSLEY, M. 60A  
 GREENE, M. and WILSON, C. W. M. The effect of fenfluramine on blood glucose and ascorbic acid in normal subjects 123A  
 GREENHALGH, J. F. D. and REID, G. W. Mechanical processing of wet roughage 74A  
 GROPP, J. *see* ERBERSDOBLER, H. 21
- HAGGER, D. L. Nutrient intake of students in two different types of residences 119A  
 HALES, C. N. *see* SIDDLE, K. 233  
 HALSE, M. Food-production and food-supply programmes in India 173  
 HARRISON, D. G. *see* THOMPSON, D. J. 111A  
 HARRISON, F. A. and LEAT, W. M. F. Digestion and absorption of lipids in non-ruminant and ruminant animals: a comparison 203  
 HEARD, C. R. C., SOERJODIBROTO, W. S., FRANGI, S. M. and EXTON-SMITH, A. N. Glucose tolerance, plasma insulin levels and insulin sensitivity in geriatric patients 86A  
 HEELEY, D. M., SHARMAN, I. M. and COOPER, D. F. Variations in the composition of blood and urine following the ingestion of a high-protein diet 69A

- HEMINGWAY, R. G. and FISHWICK, G. Ammonium polyphosphate in the drinking-water as a source of phosphorus for growing sheep 78A
- HEMINGWAY, R. G. and MAY LAW, L. The effects of coating mixtures of urea phosphate and urea on the concentrations of ammonia in the rumen liquor and blood of cows 52A
- HEMS, D. A. Control of hepatic glyceride synthesis 225
- HEWITT, D. *see* AMADI, S. C. 26A
- HOLT, J. F. J., SEAMAN, J. and RIVERS, J. P. W. The Ethiopian famine of 1973-4. 2. Harerge province 115A
- HOLT, J. F. J. *see also* MILLER, D. S. 167
- HOLT, J. F. J. *see also* SEAMAN, J. 114A
- HUDSON, B. J. F. *see* DAMATY, S. 48A
- HUGHES, P. C. R. *see* WILLIAMS, J. P. G. 39A, 97A
- HUMPHRIES, W. R. *see* MORRISON, J. N. 77A
- HUMPHRIES, W. R. *see* QUARTERMAN, J. 89A
- HUTTON, K. and FOXCROFT, P. D. Effect of processing temperature on some indices of nutritional significance for micronized soya beans 49A
- HUTTON, K. and THOMPSON, A. Effect of micronizing on the utilization of soya beans by growing rats 50A
- JABLONSKI, E. *see* RAFALSKI, H. 92A
- JAMES, W. P. T. *see* BRANCH, W. J. 120A
- JEFFERYS, D. B. and WHITE, I. R. A urea cycle enzyme and protein deficiency 30A
- JENKINS, F. P. and ROBINSON, J. A. Serum biochemical changes in rats deprived of food or water for 24 h 37A
- JONES, D. I. H. Prediction of the digestibility of forage from solubility in fungal cellulase solutions 24A
- JONES, D. M. *see* LEAT, W. M. F. 105A
- KAPSIOTIS, G. D. An international programme for famine relief 195
- KAY, R. M. and TRUSWELL, A. S. The effect of wheat fibre on the plasma cholesterol in rats 17A
- KEARSLEY, M., FAIRHURST, E. and GREEN, L. F. Blood glucose profiles in man after ingestion of glucose syrup fractions 60A
- KEYSER, A. *see* MACDONALD, I. 56A
- LATHAM, M. J. and SHARPE, M. E. Rumen microbial population of lambs given mineral-supplemented diets 113A
- LEAT, W. M. F., LINDSAY, D. B. and VALERIO, G. Oxidation and metabolism of linoleic acid in the sheep 88A
- LEAT, W. M. F., NORTHROP, C. A. and JONES, D. M. Plasma lipids and lipoproteins of some herbivorous mammals 105A
- LEAT, W. M. F. *see also* HARRISON, F. A. 203
- LEITNER, Z. A., MOORE, T. and SHARMAN, I. M. Fatal self-medication with retinol and carrot-juice 44A
- LIEW, F. Y. *see* McLEOD, K. I. 41A
- LINDSAY, D. B. Fatty acids as energy sources 241
- LINDSAY, D. B. *see also* LEAT, W. M. F. 88A
- LIVINGSTONE, R. M. *see* FULLER, M. F. 99A
- LOTFI, M., MACDONALD, I. A. and STOCK, M. J. Losses of energy associated with oven-drying 58A
- LOW, A. G. A comparison of the apparent digestibility of amino acids from measurements of digesta in the terminal ileum and of faeces in growing pigs 94A
- LOW, A. G. *see also* BRAUDE, R. 46A
- LUMB, G. A. *see* STANBURY, S. W. 111
- LYSONS, R. J. *see* STEWART, C. S. 72A
- MA, M. C. F. *see* AL-SAMARRAE, W. 18A
- MCALLAN, A. B., MERRY, R. J. and SMITH, R. H. Glycosyl ureides in ruminant feeding 90A
- MCANULTY, P. A. and WILLIAMS, J. P. G. The food-dependent induction of hepatic ornithine decarboxylase during undernutrition and rehabilitation 32A
- MCANULTY, P. A. and WILLIAMS, J. P. G. The activity of ornithine decarboxylase in the quadriceps and gastrocnemius muscles of rats recovering from undernutrition 38A
- MCCANCE, R. A. Famines of history and of today 161
- MCCRACKEN, K. J. The effect of overfeeding on normal adult rats 15A
- MACDONALD, I., REBELLO, T. and KEYSER, A. Effects, in the rat, of early carbohydrate feeding on carbohydrate: lipid relationships 56A
- MACDONALD, I. *see also* MACRAE, A. R. 54A
- MACDONALD, I. *see also* STOVIN, V. 55A
- MACDONALD, I. A. *see* LOTFI, M. 58A
- MACDONALD, J. M. *see* CLEGG, K. M. 7A
- McLEOD, K. I. and LIEW, F. Y. Maternal protein deficiency and the immune response of the progeny in the rat 41A
- McMILLAN, R. T., EDWARDS, N. A. and PARKER, D. S. Observations on the volatile fatty acids present in the hind-gut and in the blood of the domestic rabbit 21A
- McNAB, J. M. Factors affecting the digestibility of nutrients 5
- MACRAE, A. R. and MACDONALD, I. A comparison of the effects of an oral fructose load in hypertriglyceridaemic and normolipidaemic men 54A
- MANN, J. I. *see* THOROGOOD, M. 83A
- MANN, S. O. and ØRSKOV, E. R. The effect of feeding whole or pelleted barley to lambs on their rumen bacterial populations and pH 63A

- MANSON, J. A. The possible effect of L-leucine on the nicotinic acid requirements of the rat 120A
- MARTIN, A. K. Metabolism of aromatic compounds in the rumen 69A
- MARTIN, A. K., MILNE, J. A. and MOBERLEY, P. Urinary quinol and orcinol outputs as indices of voluntary intake of heather (*Calluna vulgaris* L. (Hull)) by sheep 70A
- MAY LAW, L. *see* HEMINGWAY, R. G. 52A
- MEHREZ, A. Z. *see* ØRSKOV, E. R. 64A
- MENNIE, I. *see* FULLER, M. F. 99A
- MERRY, R. J. *see* MCALLAN, A. B. 90A
- MICHIE, W. *see* MORELAND, T. A. 2A
- MICHIE, W. *see* OATES, L. F. 2A
- MILLER, D. S. and HOLT, J. F. J. The Ethiopian famine 167
- MILLER, D. S. and WISE, A. Effects of prolonged centrifugation on body-weight regulation 19A
- MILLER, D. S. and WISE, A. Maintenance requirement and adipocyte count of rats from large and small litters, at the same weight 105A
- MILLER, D. S. *see also* GREEN, E. 14A
- MILLER, W. S. *see* ROBINSON, D. S. 45A
- MILLS, C. F. *see* MORRISON, J. N. 77A
- MILLWARD, D. J., NNANYELUGO, D. O. and CHATTERJEE, A. K. The rates of tissue protein synthesis in vivo in hypophysectomized and pair-fed control rats 95A
- MILLWARD, D. J., NNANYELUGO, D. O. and GARLICK, P. J. Whole-body protein turnover in malnourished and rehabilitated rats 3A
- MILLWARD, D. J. *see also* CHATTERJEE, A. K. 28A
- MILNE, J. A. *see* CHAMBERS, A. R. M. 71A
- MILNE, J. A. *see* MARTIN, A. K. 70A
- MITCHELL, K. G. *see* BRAUDE, R. 51A
- MITCHELL, R. M. *see* BUTTERY, P. J. 91A
- MOBERLEY, P. *see* MARTIN, A. K. 70A
- MÓNSEY, J. B. *see* ROBINSON, D. S. 45A
- MOORE, T. *see* LEITNER, Z. A. 44A
- MORELAND, T. A., TOPPS, J. H. and MICHIE, W. Level of dietary protein and toxicity of tannic acid in young turkeys 2A
- MORGAN, B. L. G. and NAISMITH, D. J. The effect of postnatal undernutrition on the activities of enzymes involved in the synthesis of brain lipids in the rat 40A
- MORGAN, B. L. G. *see also* NAISMITH, D. J. 27A
- MORRISON, J. N., QUARTERMAN, J., HUMPHRIES, W. R. and MILLS, C. F. The influence of dietary sulphate on the toxicity of lead to sheep 77A
- MORRISON, J. N. *see also* QUARTERMAN, J. 89A
- MOSS, R. Different roles of nutrition in domestic and wild game birds and other animals 95
- MOUNT, L. E. *see* CLOSE, W. H. 13A
- MUNDAY, K. A. *see* ALLEN, K. A. 96A
- MUNDAY, K. A. *see* OWEN, D. E. 16A, 59A
- MUNDELL, D. C. *see* THOMSON, D. J. 111A
- MYANT, N. B. The influence of some dietary factors on cholesterol metabolism 271
- NAISMITH, D. J. and MORGAN, B. L. G. The regulation of protein metabolism during pregnancy in the rat 27A
- NAISMITH, D. J. and RITCHIE, C. D. The effect of breast-feeding and artificial feeding on body-weight, skinfold measurements and food intakes of forty-two primiparous women 116A
- NAISMITH, D. J. *see also* MORGAN, B. L. G. 40A
- NAISMITH, D. J. *see also* RITCHIE, C. D. 118A
- NEALE, R. J. Endogenous loss of [ $1\text{-}^{14}\text{C}$ ] and [ $\text{U-}^{14}\text{C}$ ]leucine in mature rats on low-protein diets 31A
- NEALE, R. J. The metabolism of [ $\text{U-}^{14}\text{C}$ ]valine in adult rats given high- or low-protein diets 43A
- NIGHTINGALE, R. *see* DAVIES, N. T. 8A
- NNANYELUGO, D. O. *see* CHATTERJEE, A. K. 28A
- NNANYELUGO, D. O. *see* MILLWARD, D. J. 33A, 95A
- NORGAN, N. G. *see* STOCK, M. J. 57A
- NORTHROP, C. A. *see* LEAT, W. M. F. 105A
- OATES, L. F., TOPPS, J. H. and MICHIE, W. The nutritive value of barley compared with maize in broiler diets 2A
- OFFER, N. W., EVANS, R. A. and AXFORD, R. F. E. The synergistic effect of dietary carbohydrates on the passage of amino acids to the small intestine of the sheep 67A
- OFFER, N. W. *see also* AXFORD, R. F. E. 66A
- OFFER, N. W. *see also* EVANS, R. A. 65A
- ØRSKOV, E. R. and MEHREZ, A. Z. The effect of feeding with whole or pelleted barley on rate of digestion of dried grass in the rumen of sheep 64A
- ØRSKOV, E. R. *see also* MANN, S. O. 63A
- OWEN, D. E., MUNDAY, K. A., TAYLOR, T. G. and TURNER, M. R. Hypocholesterolaemic action of wheat bran and a mould (*Fusarium*) in rats and hamsters 16A
- OWEN, D. E., MUNDAY, K. A., TAYLOR, T. G. and TURNER, M. R. The binding of bile salts in vitro to fibre from wheat bran and a mould (*Fusarium*) 59A
- PARKER, D. S. *see* McMILLAN, R. T. 21A
- PARTRIDGE, I. G. The apparent absorption of minerals in the small and large intestines of growing pigs 47A

- PARTRIDGE, I. G. *see also* BRAUDE, R. 46A  
 PAVEY, D. E. and WIDDOWSON, E. M. Influence of dietary fat intake of the mother on composition of body-fat of newborn guinea-pigs 107A  
 PIRIE, N. W. Some obstacles to eliminating famine 181  
 PONOMARENKO, W. *see* RAFALSKI, H. 92A  
 POTTER, E. *see* DEWAR, W. A. 5A  
 PRICE, J. and SUTTLE, N. F. The availability to sheep of copper in pig-slurry and slurry-dressed herbage 9A  
 PRIEST, P. *see* ASHWELL, M. 85A
- QUARTERMAN, J., MORRISON, J. N. and HUMPHRIES, W. R. The influence of high dietary intakes of calcium on lead retention and release in rats 89A  
 QUARTERMAN, J. *see also* MORRISON, J. N. 77A
- RADCLIFFE, J. D., WEBSTER, A. J. F., DEWEY, P. J. S. and ATKINSON, T. Regulation of food intake during growth in the Zucker rat 54A  
 RADCLIFFE, J. D. *see also* WAHLE, K. W. J. 109A  
 RAFALSKI, H., JABLONSKI, E. and PONOMARENKO, W. The optimal time for enrichment of dietary protein with tryptophan in relation to feeding time in the rat 92A  
 REBELLO, T. *see* MACDONALD, I. 56A  
 RECKLESS, J. P. D. *see* GALTON, D. J. 265  
 REID, G. W. *see* GREENHALGH, J. F. D. 74A  
 RHODES, D. N. *see* BRAUDE, R. 51A  
 RICHARDSON, D. P. *see* BOURNE, A. R. 80A  
 RITCHIE, C. D. and NAISMITH, D. J. A comparison of growth in wholly breast-fed infants and in artificially fed infants 118A  
 RITCHIE, C. D. *see also* NAISMITH, D. J. 116A  
 RIVERS, J. P. W. *see* HOLT, J. F. J. 115A  
 ROBERTS, P. M. M. *see* AMYES, S. J. G. 25A  
 ROBINSON, D. S., CRYER, A. and DAVIES, P. The role of clearing-factor lipase (lipoprotein lipase) in the transport of plasma triglycerides 211  
 ROBINSON, D. S., MONSEY, J. B., MILLER, W. S. and CLARKE, M. The effect of feeding magnesium-enriched diets to laying hens on the quality of the albumen of stored eggs 45A  
 ROBINSON, J. A. *see* JENKINS, F. P. 37A  
 ROOK, J. A. F. *see* STRACHAN, N. H. 11A  
 RUDRA, D. N., DICKERSON, J. W. T., WALKER, R. and CHAYEN, J. The effect of some antioxidants on lipofuscin accumulation in rat brain 122A  
 RUSSEL, A. J. F. *see* CHAMBERS, A. R. M. 71A
- SAMBROOK, I. E. *see* BRAUDE, R. 46A  
 SCOTT, P. P. *see* AMYES, S. J. G. 25A  
 SEAMAN, J. and HOLT, J. F. J. The Ethiopian famine of 1973-4. I. Wollo province 114A  
 SEAMAN, J. *see also* HOLT, J. F. J. 115A  
 SHARMAN, I. M. *see* HEELEY, D. M. 69A  
 SHARMAN, I. M. *see* LEITNER, Z. A. 44A  
 SHARPE, M. E. *see* LATHAM, M. J. 113A  
 SHEPHERD, N. D., TAYLOR, T. G. and WILTON, D. C. An improved method for the determination of the biological availability of lysine in proteins using the micro-organism *Tetrahymena pyriformis* 100A  
 SIDDLE, K. and HALES, C. N. Hormonal control of adipose tissue lipolysis 233  
 SINCLAIR, A. J. Long-chain polyunsaturated fatty acids in the mammalian brain 287  
 SIOPEs, T. D. *see* VOHRA, P. 13  
 SISSONS, J. W. and SMITH, R. H. Field-bean (*Vicia faba* L.) protein in feeds for pre-ruminant calves 102A  
 SMITH, J. S., WAINMAN, F. W. and DEWEY, P. J. S. The energy value to sheep of a mixed grass silage 101A  
 SMITH, R. H. *see* McALLAN, A. B. 90A  
 SMITH, R. H. *see* SISSONS, J. W. 102A  
 SOERJODIBROTO, W. S. *see* HEARD, C. R. C. 86A  
 SOUTHGATE, D. A. T. *see* BRANCH, W. J. 120A  
 SREADBURY, D. *see* DAVIDSON, J. 75  
 STALLEY, S. *see* GARROW, J. S. 84A  
 STAMP, T. C. B. Factors in human vitamin D nutrition and in the production and cure of classical rickets 119  
 STANBURY, S. W., TORKINGTON, P., LUMB, G. A., ADAMS, P. H., DE SILVA, P. and TAYLOR, C. M. Asian rickets and osteomalacia: patterns of parathyroid response in vitamin D deficiency 111  
 STEPHEN, J. M. L. Epidemiological and dietary aspects of rickets and osteomalacia 131  
 STEWART, C. S. and LYSONS, R. J. Fermentation products in the rumen of a gnotobiotic lamb dosed with *Bacteroides ruminicola* 72A  
 STEWART, R. J. C. A malnourished animal colony: its significance for man 34A  
 STOCK, M. J., FERRO-LUZZI, A. and NORGAN, N. G. The thermic effect of food in man at high altitude 57A  
 STOCK, M. J. *see also* LOTFI, M. 58A  
 STORRY, J. E. *see* BINES, J. A. 108A  
 STOVIN, V. and MACDONALD, I. Some effects of an oral contraceptive on dietary carbohydrate: lipid interrelationships in the baboon 55A  
 STRACHAN, N. H. and ROOK, J. A. F. Site of magnesium absorption in the sheep 11A  
 SUTTLE, N. F. Experimental copper deficiency in the calf 76A  
 SUTTLE, N. F. *see also* PRICE, J. 9A



- TAYLOR, C. M. *see* STANBURY, S. W. 111  
 TAYLOR, T. G. Perspectives in mineral nutrition 35  
 TAYLOR, T. G. and WALKER, M. D. Supplementation of poor-quality protein with free amino acids 1A  
 TAYLOR, T. G. *see also* OWEN, D. E. 16A, 59A  
 TAYLOR, T. G. *see also* SHEPHERD, N. D. 100A  
 THOMAS, B. J. *see* TRUSWELL, A. S. 22A  
 THOMPSON, A. *see* HUTTON, K. 50A  
 THOMPSON, S. Y. *see* TOOTHILL, J. 20A  
 THOMSON, D. J., BEEVER, D. E., MUNDELL, D. C., ELDERFIELD, M. L. and HARRISON, D. G. The effect of altering dilution rate on the pattern of fermentation in the rumen 111A  
 THOROGOOD, M. and MANN, J. I. Serum lipids and some aspects of diet in young female survivors of myocardial infarction 83A  
 TOPPS, J. H. Behavioural and physiological adaptation of wild ruminants and their potential for meat production 85A  
 TOPPS, J. H. *see also* MORELAND, T. A. 2A  
 TOPPS, J. H. *see also* OATES, L. F. 2A  
 TOOTHILL, J., EDWARDS-WEBB, J. D. and THOMPSON, S. Y. The absence of lipolytic activity in the abomasal (gastric) secretion of the preruminant calf 20A  
 TORKINGTON, P. *see* STANBURY, S. W. 111  
 TORRALBA, A. *see* VARELA, G. 93A  
 TRUSWELL, A. S. and THOMAS, B. J. Survey of dietary policy in British diabetic clinics 22A  
 TRUSWELL, A. S. *see also* AL-HAIDARI, A. H. 23A  
 TRUSWELL, A. S. *see also* AL-SAMARRAE, W. 18A  
 TRUSWELL, A. S. *see also* KAY, R. M. 17A  
 TURNER, M. R. *see* ALLEN, K. A. 96A  
 TURNER, M. R. *see* OWEN, D. E. 16A, 59A  
 VALERIO, G. *see* LEAT, W. M. F. 88A  
 VAN DORP, D. A. Essential fatty acid metabolism 279  
 VARELA, G., TORRALBA, A. and ESCRIVÁ, J. Influence of prolonged ingestion of some organochlorinated pesticides on digestibility and nutritive value of a diet in rats 93A  
 VOHRA, P., WILSON, W. O. and STOPES, T. D. Meeting the energy needs of poultry 13  
 WAHLE, K. W. J. and RADCLIFFE, J. D. Effect of dietary sunflower-seed oil on the fatty acid composition and desaturase activity of tissues from congenitally obese rats 109A  
 WAHLE, K. W. J. *see also* GARTON, G. A. 257  
 WAINMAN, F. W. *see* SMITH, J. S. 101A  
 WALKER, A. Crustacean aquaculture 65  
 WALKER, M. D. *see* TAYLOR, T. G. 1A  
 WALKER, R. *see* RUDRA, D. N. 122A  
 WATERLOW, J. C. *see* DUODU, T. A. 42A  
 WEBSTER, A. J. F. *see* RADCLIFFE, J. D. 54A  
 WHARTON, B. A. and FOSBROOKE, A. S. 'Added lactose' and 'added sucrose' cow's milk formulas in neonatal nutrition 87A  
 WHEELER, E. F. Changes in anthropometric measurements of children recovering from protein-energy malnutrition 35A  
 WHITE, I. R. *see* CHAMBERS, A. R. M. 71A  
 WHITE, I. R. *see* JEFFERYS, D. B. 30A  
 WHITEHEAD, C. C. *see* DEWAR, W. A. 5A  
 WHITEHEAD, R. G. UK contributions to famine relief 187  
 WIDDOWSON, E. M. *see* PAVEY, D. E. 107A  
 WILLIAMS, J. P. G. and HUGHES, P. C. R. A non-destructive method for the measurement of muscle growth in the rat 39A  
 WILLIAMS, J. P. G. and HUGHES, P. C. R. Sex difference in muscle growth after undernutrition during the sucking period 97A  
 WILLIAMS, J. P. G. *see also* McANULTY, P. A. 32A, 38A  
 WILSON, C. W. M. *see* GREENE, M. 123A  
 WILSON, W. O. *see* VOHRA, P. 13  
 WILTON, D. C. *see* SHEPHERD, N. D. 100A  
 WISE, A. *see* MILLER, D. S. 19A, 105A  
 WOMERSLEY, J., BODDY, K. and DURNIN, J. V. G. A. The body density and total body potassium content of sixty-eight men and women of different ages and a variety of physiques 114A  
 WOODHAM, A. A. *see* DEANS, P. S. 3A  
 WORCESTER, N. A., BRUCKDORFER, K. R. and YUDKIN, J. The effect of dietary sucrose and dietary cholesterol on hyperlipidaemia and atherosclerosis in White Leghorn cockerels (*Gallus domesticus*) 81A  
 WORCESTER, N. A., BRUCKDORFER, K. R. and YUDKIN, J. The effect of dietary sucrose and different dietary fats on hyperlipidaemia and atherosclerosis in White Leghorn cockerels (*Gallus domesticus*) 82A  
 WORCESTER, N. A., BRUCKDORFER, K. R. and YUDKIN, J. The effect of dietary sucrose on lipid metabolism in Dutch belted rabbits (*Oryctolagus cuniculus*) 124A  
 WORCESTER, N. A., BRUCKDORFER, K. R. and YUDKIN, J. The effect of dietary sucrose and hydrogenated coconut oil on atherosclerosis in Dutch belted rabbits (*Oryctolagus cuniculus*) 125A  
 WYNN, V. *see* GREEN, E. 14A  
 YORK, D. A. Lipid metabolism in genetic models of obesity 249  
 YUDKIN, J. *see* BOURNE, A. R. 80A  
 YUDKIN, J. *see* WORCESTER, N. A. 81A, 82A, 124A, 125A