

Index of Authors

- ABARZÚA F., J. *see* ROZOVSKI N., J. 107
 ALLEN, S. H. *see* MARSTON, H. R. 15
 ANNISON, E. F. *see* HUTTON, K. 165
- BAILEY, F. J. *see* HUTTON, K. 165
 BAIRD, A., WIDDOWSON, E. M. and COWLEY, J. J.
 Effects of calorie and protein deficiencies early
 in life on the subsequent learning ability of rats
 391
 BAJAJ, S., MICKELSEN, O., BAKER, L. R. and
 MARKARIAN, D. The quality of protein in
 various lines of peas 207
 BAKER, L. R. *see* BAJAJ, S. 207
 BARBER, R. S., BRAUDE, R. and MITCHELL, K. G.
 Arsanilic acid, sodium salicylate and bromide
 salts as potential growth stimulants for pigs
 receiving diets with and without copper sulphate
 381
 BARBER, R. S., BRAUDE, R., MITCHELL, K. G. and
 MYRES, A. W. The value of hydrocarbon-grown
 yeast as a source of protein for growing pigs 285
 BAYLEY, H. S. *see* NEUDOERFFER, T. S. 343
 BEATTIE, A. W. *see* TERNOUTH, J. H. 153
 BILBY, L. W. and WIDDOWSON, E. M. Chemical
 composition of growth in nestling blackbirds
 and thrushes 127
 BLACK, J. L. A theoretical consideration of the
 effect of preventing rumen fermentation on the
 efficiency of utilization of dietary energy and
 protein in lambs 31
 BOTHWELL, T. H. *see* WAPNICK, A. A. 367
 BOYNE, A. W. *see* FULLER, M. F. 259
 BRAUDE, R., NEWPORT, M. J. and PORTER,
 J. W. G. Artificial rearing of pigs. 3. The effect
 of heat treatment on the nutritive value of
 spray-dried whole-milk powder for the baby pig
 113
 BRAUDE, R. *see also* BARBER, R. S. 285, 381
 BROOK, C. G. D. Composition of human adipose
 tissue from deep and subcutaneous sites 377
 BURACZEWSKI, S., PORTER, J. W. G., ROLLS, B. A.
 and ZEBROWSKA, T. The course of digestion of
 different food proteins in the rat. 2. The effect
 of feeding carbohydrate with proteins 299
- CHARLTON, R. W. *see* WAPNICK, A. A. 367
 COLTART, T. M. and MACDONALD, I. Effect of
 sex hormones on fasting serum triglycerides in
 baboons given high-sucrose diets 323
 COWARD, W. A. The erythrocyte membrane in
 kwashiorkor 145
 COWLEY, J. J. *see* BAIRD, A. 391
 CRAMPTON, R. F., ELIAS, P. S. and GANGOLLI,
 S. D. The bromine content of human tissue 317
- DEO, M. G. and SUBRAMANIAN, T. A. V. Iodine
 metabolism in children and women with
 endemic goitre in Ceylon 97
- DIMICK, M. K. *see* LEPKOVSKY, S. 235
 DUNCAN, D. B. *see* NEUDOERFFER, T. S. 333
- ELIAS, P. S. *see* CRAMPTON, R. F. 317
- FRASER, C. *see* ØRSKOV, E. R. 225, 243
 FULLER, M. F. and BOYNE, A. W. The effects of
 environmental temperature on the growth and
 metabolism of pigs given different amounts of
 food. 1. Nitrogen metabolism, growth and body
 composition. 259
 FURUTA, F. *see* LEPKOVSKY, S. 235
- GANGOLLI, S. D. *see* CRAMPTON, R. F. 317
 GARTNER, R. J. W. *see* MORRIS, J. G. 191
 GLENNIE, W. *see* MOSS, R. 135
 GRIMBLE, R. F. and WHITEHEAD, R. G. The effect
 of an oral glucose load on serum free amino acid
 concentrations in children before and after
 treatment for kwashiorkor 253
- HEARD, C. R. C. Obituary Notice (Benjamin
 Stanley Platt) 1
 HECKER, J. F. Metabolism of nitrogenous com-
 pounds in the large intestine of sheep 85
 HORNEY, F. D. *see* NEUDOERFFER, T. S. 333, 343
 HUGHES, R. E. and JONES, P. R. The influence of
 sex and age on the deposition of L-xyloascorbic
 acid in tissues of guinea-pigs 77
 HUTTON, K., BAILEY, F. J. and ANNISON, E. F.
 Measurement of the bacterial nitrogen entering
 the duodenum of the ruminant using diamino-
 pimelic acid as a marker 165
- JONES, P. R. *see* HUGHES, R. E. 77
 JOWSEY, J. *see* WAPNICK, A. A. 367
- LEADBEATER, P. A. *see* NEUDOERFFER, T. S. 343
 LEPKOVSKY, S., FURUTA, F. and DIMICK, M. K.
 Trypsin inhibitor and the nutritional value of
 soya beans 235
 LOUGH, A. K. *see* SCOTT, A. M. 307
 LYNCH, S. R. *see* WAPNICK, A. A. 367
- MCALLAN, A. B. *see* SMITH, R. H. 181
 MACDONALD, I. *see* COLTART, T. M. 323
 McDONALD, I. *see* ØRSKOV, E. R. 225, 243
 MCGREGOR, D. The effects of some dietary
 changes upon the concentrations of serum
 lipids in rats 213
 MARKARIAN, D. *see* BAJAJ, S. 207
 MARSTON, H. R., ALLEN, S. H. and SWABY, S. L.
 Iron metabolism in copper-deficient rats 15
 MATHISON, G. W. and MILLIGAN, L. P. Nitrogen
 metabolism in sheep 351
 MICKELSEN, O. *see* BAJAJ, S. 207
 MILLIGAN, L. P. *see* MATHISON, G. W. 351
 MITCHELL, K. G. *see* BARBER, R. S. 285, 381

- MÖNCKEBERG B., F. *see* ROZOVSKI N., J. 107
- MORRIS, J. G. and GARTNER, R. J. W. The sodium requirements of growing steers given an all-sorghum grain ration 191
- MORRIS, R. J. H. *see* WHITE, R. G. 57
- MOSS, R., WATSON, A., PARR, R. and GLENNIE, W. Effects of dietary supplements of newly growing heather on the breeding of captive red grouse 135
- MYRES, A. W. *see* BARBER, R. S. 285
- NEUDOERFFER, T. S., DUNCAN, D. B. and HORNEY, F. D. The extent of release of encapsulated methionine in the intestine of cattle 333
- NEUDOERFFER, T. S., LEADBEATER, P. A., HORNEY, F. D. and BAYLEY, H. S. The influence of level of grain intake on protein digestion in the intestine of cattle 343
- NEWPORT, M. J. *see* BRAUDE, R. 113
- NOVOA S., F. *see* ROZOVSKI N., J. 107
- ØRSKOV, E. R., FRASER, C. and McDONALD, I. Digestion of concentrates in sheep. 1. The effect of increasing the concentration of soya-bean meal in a barley diet on apparent disappearance of feed constituents along the digestive tract 225
- ØRSKOV, E. R., FRASER, C. and McDONALD, I. Digestion of concentrates in sheep. 2. The effect of urea or fish-meal supplementation of barley diets on the apparent digestion of protein, fat, starch and ash in the rumen, the small intestine and the large intestine, and calculation of volatile fatty acid production 243
- PARR, R. *see* MOSS, R. 135
- PORTER, J. W. G. *see* BRAUDE, R. 113
- PORTER, J. W. G. *see* BURACZEWSKI, S. 299
- PORTER, P. and SINGLETON, A. G. The degradation of lignin and quantitative aspects of ruminant digestion 3
- REINDORP, S. and WHITEHEAD, R. G. Changes in serum creatine kinase and other biological measurements associated with musculature in children recovering from kwashiorkor 273
- ROLLS, B. A. *see* BURACZEWSKI, S. 299
- ROZOVSKI N., J., NOVOA S., F., ABARZÚA F., J. and MÖNCKEBERG B., F. Cranial transillumination in early and severe malnutrition 107
- SCOTT, A. M. and LOUGH, A. K. The influence of biliary constituents in an acid medium on the micellar solubilization of unesterified fatty acids of the duodenal digesta of sheep 307
- SEFTEL, H. C. *see* WAPNICK, A. A. 367
- SHEPPARD, H. G. *see* STEWART, R. J. C. 175
- SINGLETON, A. G. *see* PORTER, P. 3
- SMITH, R. H. and McALLAN, A. B. Nucleic acid metabolism in the ruminant. 3. Amounts of nucleic acids and total and ammonia nitrogen in digesta from the rumen, duodenum and ileum of calves 181
- SPRAY, G. H. *see* WILLIAMS, D. L. 295
- STEWART, R. J. C. and SHEPPARD, H. G. Protein-calorie deficiency in rats. Growth and reproduction 175
- SUBRAMANIAN, T. A. V. *see* DEO, M. G. 97
- SWABY, S. L. *see* MARSTON, H. R. 15
- TERNOUTH, J. H. and BEATTIE, A. W. Studies of the food intake of sheep at a single meal 153
- WAPNICK, A. A., LYNCH, S. R., SEFTEL, H. C., CHARLTON, R. W., BOTHWELL, T. H. and JOWSEY, J. The effect of siderosis and ascorbic acid depletion on bone metabolism, with special reference to osteoporosis in the Bantu 367
- WATSON, A. *see* MOSS, R. 135
- WHITE, R. G., WILLIAMS, V. J. and MORRIS, R. J. H. Acute *in vivo* studies on glucose absorption from the small intestine of lambs, sheep and rats 57
- WHITEHEAD, R. G. *see* GRIMBLE, R. F. 253
- WHITEHEAD, R. G. *see* REINDORP, S. 273
- WIDDOWSON, E. M. *see* BAIRD, A. 391
- WIDDOWSON, E. M. *see* BILBY, L. W. 127
- WILLIAMS, D. L. and SPRAY, G. H. Some observations on the vitamin B₁₂ content of rat's milk 295
- WILLIAMS, V. J. *see* WHITE, R. G. 57
- ZEBROWSKA, T. *see* BURACZEWSKI, S. 299