

Copying. This journal is registered with the Copyright Clearance Center, 27 Congress Street, Salem, Mass. 01970. Organizations in the USA who are also registered with C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of the US copyright law) subject to payment to C.C.C. of the per-copy fee of \$5.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0007-1145/91 \$5.00 + .00.

ISI Tear Sheet Service, 3501 Market Street, Philadelphia, Pennsylvania 19104, USA, is authorized to supply single copies of separate articles for private use only.

For all other use, permission should be sought from Cambridge or the American Branch of Cambridge University Press.

The Proceedings of the Nutrition Society, published by the Cambridge University Press, in part record meetings of the Symposium type, at which experts in a particular field are invited by Council to make contributions on specific parts of it and at which general discussion follows these invited contributions. The contributions will be published *in extenso*; such summaries of the ensuing discussions as circumstances warrant may also be published. The Society also holds scientific meetings at which papers are communicated by members and others on original work carried out by them. It is proposed at present to publish summaries of the papers read at each meeting, each communication being recorded in the Society's *Proceedings* by means of an abstract not exceeding in length 400 words or the equivalent space in print. The *Proceedings* are published three times a year.

The subscription to the *Proceedings* is £90.00 in UK, £93.00 elsewhere net (US \$190.00 in USA and Canada). Single issues are £31.00 (US \$69.00 in the USA and Canada) each; postage extra.

INDEX OF AUTHORS

Arora, S. P.	261	Gibney, M. J.	251	Phillips, F. C.	285
Becker, W.	151	Gill, M.	171	Ponter, A. A.	187
Beever, D. E.	171	Kamalu, B. P.	199	Poppi, D. P.	237
Belleville, J.	269	Kok, F. J.	161	Prasad, T.	261
Bertrand, V.	269	Kumpulainen, J.	151	Salter, D. N.	187
Bown, M. D.	237	Lammiman, M. J.	171	Schneijder, P.	161
Buttery, P. J.	171	Leng, R. A.	301	Schrijver, J.	161
Cleary, M. P.	285	Leng-Peschlow, E.	331	Smith, P. M.	227
Cronjé, P. B.	301	Löwik, M. R. H.	161	Soar, J. B.	171
Dawson, J. M.	171	Mathers, J. C.	313	Southgate, D. A. T.	149
Dawson, L. D.	313	Milne, J. S.	209	Sykes, A. R.	237
Earle, K. E.	227	Mohammed, A.	251	Taylor, (The late) T. G.	251
Essex, C. P.	171	Mohan, P. F.	285	van Poppel, G.	161
Flatt, P. R.	187	Morgan, L. M.	187	Whitelaw, F. G.	209
		Nolan, J. V.	301	Wright, S. A.	209

CONTENTS

Editorial

- Reflections on an editorial year. *D. A. T. Southgate* 149-150

Nutritional Surveillance

- Contents of essential and toxic mineral elements in Swedish market-basket diets in 1987. *Wulf Becker & Jorma Kumpulainen* 151-160

- Nutritional status and food consumption in 10-11 year old Dutch boys (Dutch Nutrition Surveillance System). *Geert van Poppel, Petra Schneijder, Michiel R. H. Löwik, Jaap Schrijver & Frans J. Kok* 161-169

Growth and Development

- Nutritional and endocrinological manipulation of lean deposition in forage-fed steers. *J. M. Dawson, P. J. Buttery, M. J. Lammiman, J. B. Soar, C. P. Essex, M. Gill & D. E. Beever* 171-185

- The effect of energy source and feeding level on the hormones of the entero-insular axis and plasma glucose in the growing pig. *A. A. Ponter, D. N. Salter, L. M. Morgan & P. R. Flatt* 187-197

- Digestibility of a nutritionally-balanced cassava (*Manihot esculenta* Crantz) diet and its effect on growth in young male dogs. *Beryl P. Kamalu* 199-208

Nitrogen Metabolism

- Urease (*E.C. 3.5.1.5*) inhibition in the sheep rumen and its effect on urea and nitrogen metabolism. *F. G. Whitelaw, J. S. Milne & Shelley A. Wright* 209-225

- The effect of dietary taurine content on the plasma taurine concentration of the cat. *K. E. Earle & P. M. Smith* 227-235

- Nitrogen transactions along the digestive tract of lambs concurrently infected with *Trichostrongylus colubriformis* and *Ostertagia circumcincta*. *M. D. Bown, D. P. Poppi & A. R. Sykes* 237-249

Digestion and Utilization of Inorganic Nutrients

- The effects of dietary levels of inorganic phosphorus, calcium and cholecalciferol on the digestibility of phytate-P by the chick. *A. Mohammed, M. J. Gibney & The late T. G. Taylor* 251-259

- Influence of different sources of injected selenium on certain enzymes, glutathione and adenosylmethionine concentration in buffalo (*Bubalus bubalis*) calves. *T. Prasad & S. P. Arora* 261-267

continued on page facing inside back cover

For Index of Authors see inside back cover

CAMBRIDGE UNIVERSITY PRESS

The Pitt Building, Trumpington Street, Cambridge CB2 1RP
40 West 20th Street, New York, NY 10011-4211, USA
10 Stamford Road, Oakleigh, Victoria 3166, Australia

Printed in Great Britain by the University Press, Cambridge