

FORTHCOMING ISSUE

It is hoped to publish in the next issue of the *Proceedings of the Nutrition Society* reports of symposia on Alcohol in Nutrition, Manipulation of Rumen Fermentation, and Protein Metabolism and Hormones, and the following abstracts of communications presented at the meetings of 9 March 1972 and 17 March 1972.

Meeting of 9 March 1972

- Energy metabolism in sheep receiving diets of barley, hay and flaked maize. By P. LAWRENCE and P. C. THOMAS.
- The nutritive value of field beans (*Vicia faba* L.) for laying hens. By J. DAVIDSON.
- The distribution of free amino acids between plasma and blood cells of chicks fed on different proteins. By A. G. STEVENS and R. A. EVANS.
- The free amino acids in the blood of a variety of warm-blooded animals. By LUCYNA BURACZEWSKA, M. V. TAS, R. F. E. AXFORD, R. A. EVANS and A. G. CHAMBERLAIN.
- Blood flow, oxygen consumption and thermogenesis in the portal-drained viscera of conscious sheep. By A. J. F. WEBSTER and F. WHITE.
- Evaluation of a rumen fermentation balance, corrected for cell synthesis. By D. DEMEYER, H. HENDERICKX and C. VAN NEVEL.
- The energy metabolism of sheep—the effect of infusing small amounts of chloroform into the rumen. By J. L. CLAPPERTON and J. W. CZERKAWSKI.
- The effect of processing barley on its digestion in the rumen of growing steers. By A. PAVLICEVIC, N. A. MACLEOD and M. KAY.
- The value of different cereals in diets for growing steers. By M. KAY, N. A. MACLEOD and A. PAVLICEVIC.
- The chemical composition and dilution rate of rumen fluid in sheep receiving a diet of barley, hay and flaked maize. By J. C. HODGSON and P. C. THOMAS.
- Partition of energy and nitrogen digestion in sheep given fresh pasture species. By J. C. MACRAE and M. J. ULYATT.
- Estimation of food and microbial protein in duodenal digesta. By D. G. HARRISON, D. E. BEEVER, and D. J. THOMSON.
- Determination of the quantities of feed and microbial nitrogen in duodenal digesta. By D. E. BEEVER, D. G. HARRISON and D. J. THOMSON.
- Changing patterns of fermentation and mineral absorption in the large intestine of lambs weaned from milk to concentrates. By M. G. ROBSON and R. N. B. KAY.
- Factors influencing the total time spent chewing by sheep given diets containing long, dried forages. By S. B. CAMMELL and D. F. OSBOURN.
- The utilization of starch in the small intestine of sheep and the possible long-term adaptation. By R. W. MAYES and E. R. ØRSKOV.
- Faecal magnesium output and plasma magnesium concentration in sheep. By T. F. ALLSOP and J. A. F. ROOK.
- The digestion and utilization of grass processed by wafering or by grinding and pelleting. By D. J. THOMSON and D. E. BEEVER.
- Measurement of volatile fatty acid production in cattle: distribution of infusates in the rumen. By J. D. SUTTON, G. K. MACLEOD, J. W. SISSONS and V. W. JOHNSON.
- Utilization of salts of acetic, propionic and butyric acids by growing lambs. By F. D. DEB. HOVELL and J. F. D. GREENHALGH.

Meeting of 17 March 1972

- Energy and protein digestion of spring- and autumn-harvested ryegrass by sheep. By D. E. BEEVER, C. R. LONSDALE and D. J. THOMSON.
- Intake and absorption of essential fatty acids by the sheep. By W. M. F. LEAT and F. A. HARRISON.
- The effect of fasting on plasma insulin after repeated glucose loading in pigs. By D. M. ANDERSON.
- Mammary and whole-body metabolism of glucose, acetate and palmitate in the lactating horse. By J. L. LINZELL, E. F. ANNISON, R. BICKERSTAFFE and L. B. JEFFCOTT.
- The influence of dietary cadmium concentration on liver copper in ewes and their lambs. By C. F. MILLS and A. C. DALGARNO.
- The effect of zinc deficiency on the activity of the adrenal glands. By J. QUARTERMAN.
- Availability of some iron compounds to the veal calf. By I. BREMNER and A. C. DALGARNO.
- Copper status of the veal calf. By I. BREMNER and A. C. DALGARNO.
- Seven generations of protein-calorie deficiency in rats. By R. J. C. STEWART, R. F. PREECE and HILDA G. SHEPPARD.
- A further observation on urea-cycle enzymes in rats during alteration in dietary protein intake. By T. K. DAS.
- Progesterone—the hormone of protein metabolism in early pregnancy. By D. J. NAISMITH and R. B. FEARS.
- Nutritional value of a protein isolate from the Throws M.S. variety of field beans (*Vicia faba* L.) grown in the UK. By I. F. DUTHIE, P. D. PORTER and B. GADSBY.
- Nutrient intake of students in various types of accommodation. By B. JACQUELINE STORDY and J. R. COWHIG.
- Consumption of major food groups by students. By SUSAN J. ATKINSON, P. NICHOLAS and CHRISTINE WYN-JONES.
- Nutrient intake by students over a 3-month period. By CHRISTINE WYN-JONES, SUSAN J. ATKINSON and P. NICHOLAS.
- Observations on ascorbic acid and iron concentrations in the blood of students. By P. NICHOLAS, SUSAN J. ATKINSON and CHRISTINE WYN-JONES.
- A survey of school meals. By A. E. BENDER, PAMELA MAGEE and A. H. NASH.