

## FORTHCOMING ISSUE

It is hoped to publish in the next issue of the *Proceedings of the Nutrition Society* the report of a symposium on The Effect of Processing on the Nutritive Value of Food, and the following abstracts of communications presented at the meetings of 29 September, 6 October and 7 December 1972.

- The protein cost of pregnancy in the rat. By D. J. NAISMITH and CAROLYN RITCHIE.
- Relationships between zinc deficiency and folic acid status of the rat. By R. B. WILLIAMS, C. F. MILLS and R. J. L. DAVIDSON.
- The effects of dietary zinc concentration on reproduction in the rat. By R. B. WILLIAMS, P. DEMERTZIS and C. F. MILLS.
- The response of pre-term low-birth-weight newborn infants to pteroylmonoglutamate and pteroylpolyglutamate supplements. By W. L. BURLAND, PAMELA D. SAMUEL and K. SIMPSON.
- Estimation of maintenance requirements of amino acids in the rat by measurement of the rate of  $^{14}\text{C}$  oxidation in vivo. By R. J. NEALE and J. C. WATERLOW.
- Effects on brain free amino acids of low- and high-protein diets given in amounts of equal energy value to weanling rats. By J. W. T. DICKERSON and S. K. PAO.
- Effects of low-protein diets containing sucrose or starch in amounts of equal energy value on serum albumin concentration and liver composition of weanling rats. By R. F. GRIMBLE and J. W. T. DICKERSON.
- Alteration of dietary fatty acid by human intestinal bacteria. By JOY R. PEARSON.
- Chemical composition of rumen bacteria. By R. H. SMITH and A. B. McALLAN.
- Variations in available carbohydrate and physical work ability with repeated prolonged severe exercise. By J. D. BROOKE and L. E. GREEN.
- Plasma concentrations of insulin, corticosterone, lipids and sugars in rats fed on meals with glucose and fructose. By K. R. BRUCKDORFER, S. S. KANG and J. YUDKIN.
- Plasma glucose and acetone concentrations in pregnant and lactating ewes. By P. J. DAVIES and D. B. ROSS.
- Alcoholic beverages: a neglected factor in dietetics. By T. P. EDDY.
- Alcoholic drinks and hangover effects. By G. L. S. PAWAN.
- The site of fat absorption in the hen. By C. C. WHITEHEAD.
- The effect of feeding on the concentration of glucose and insulin in portal and right atrial plasma in pigs. By D. M. ANDERSON.
- The effect of feeding pattern on tissue alkaline phosphatase activity. By F. W. HEATON and B. W. LOVELESS.
- Energy metabolism during growth in normal and congenitally obese rats. By J. D. PULLAR and A. J. F. WEBSTER.
- Estimation of body composition of sheep by isotopic dilution techniques. 1. Exchangeable potassium. By E. A. DOMINGO, T. E. TRIGG and J. H. TOPPS.
- Estimation of body composition of sheep by isotopic dilution techniques. 2. Deuterium oxide and tritiated water. By T. E. TRIGG, E. A. DOMINGO and J. H. TOPPS.
- The effects of dietary supplements of wheat bran and cellulose on faeces. By M. A. EASTWOOD, T. HAMILTON, J. R. KIRKPATRICK and W. D. MITCHELL.
- The use of the chromium complex of ethylenediamine tetra-acetic acid for studies of digestion in sheep. By E. D. GOODALL and R. N. B. KAY.
- Cannulation of the caecum in sheep. By J. C. MACRAE, C. S. W. REID, D. W. DELLOW and R. S. WYBURN.
- Effects of age and weaning on the apparent availability of dietary copper to young lambs. By N. F. SUTTLE.
- The effect of dietary molybdenum and sulphate on the binding of copper in sheep plasma. By B. S. W. SMITH and H. WRIGHT.
- Variation in intake among group-fed pregnant Blackface ewes given restricted amounts of food. By JANET Z. FOOT, A. J. F. RUSSEL, T. J. MAXWELL and P. MORRIS.
- The effect of level of nutrition at two stages of pregnancy on the performance of primiparous ewes. By A. J. F. RUSSEL and JANET Z. FOOT.
- The effect of various carbohydrates on weight gain and carcass composition in the rat. By A. R. MACRAE, S. J. SLINGER, IRENE NICKEL and THE LATE T. S. NEUDOERFFER.
- The use of gold-thiogluconate and monosodium glutamate to induce obesity in mice. By A. DJAZAYERY and D. S. MILLER.
- Energy balances of mice treated with gold-thiogluconate and monosodium glutamate. By A. DJAZAYERY, D. S. MILLER and M. J. STOCK.
- The effects of diethylstilboestrol on obesity in mice. By A. DJAZAYERY and D. S. MILLER.
- Relationships between sex hormones and fructose metabolism in rat livers. By A. W. M. HAY and J. B. PRIDHAM.
- Some effects of diet with oral contraceptives on carbohydrate: lipid metabolism in the baboon. By VALERIE STOVIN and I. MACDONALD.
- The effect of intermediates on the incorporation of fructose and glucose into hepatic triglyceride in rats. By MONICA WUSTEMAN and I. MACDONALD.
- The effect of high-carbohydrate-low-energy diets on body-weight in man. By I. MACDONALD and JOCELYN TAYLOR.
- Polyunsaturated fatty acids in plasma lipids of cord blood in newborn babies. By BRIAN WHARTON and AUDREY FOSBROOKE.
- The diurnal variation in volatile fatty acids concentration in portal and atrial plasma in pigs. By D. M. ANDERSON and A. J. NORTHROP.
- Organic phosphates in the diet as possible protective agents against dental caries in the rat. By T. H. GRENBY.
- Changes in the dental plaque after eating sweets containing starch hydrolysates instead of sucrose. By T. H. GRENBY and JANET M. BULL.
- The effect of alcohol (ethanol) on the oxygen consumption of fed and fasting subjects. By ANNE L. STOCK, M. J. STOCK and JEAN A. STUART.
- The effect of age on the thermic energy of 'catch-up' growth. By D. S. MILLER and A. WISE.
- The repeatability of a questionnaire on the dietary intake of sugar, designed for self-administration. By J. F. RICHARDSON.
- Dietary pattern of carbohydrate provision and accident incidence in foundrymen. By J. D. BROOKE, S. TOOGOOD, L. F. GREEN and R. BAGLEY.
- Total body fat, calculated from body density, and its relationship to skinfold thickness in 571 people aged 12 to 72 years. By J. V. G. A. DURNIN and J. WOMERSLEY.
- A comparison of vitamin C status of elderly in-patients with that of elderly out-patients. By J. ANDREWS, SUSAN J. ATKINSON, B. D. RIDGE and CHRISTINE WYN-JONES.
- Biochemical characteristics of different forms of protein-energy malnutrition in rats. By C. R. C. HEARD, SYLVIA M. FRANGI and PAULINE M. WRIGHT.
- Plasma amino acid concentrations and ratios in different forms of protein-energy malnutrition in rats. By P. G. BROADBENT and C. R. C. HEARD.
- Variation in the intestinal dipeptidase activity during pregnancy and lactation in the rat. By B. A. ROLLS and J. W. G. PORTER.
- Tentative estimation of the amount of amino acids absorbed during digestion of a protein-free diet. By A. RERAT.
- Factors affecting free amino acid and urea nitrogen concentrations in the blood plasma of preruminant calves. By A. P. WILLIAMS and R. H. SMITH.
- Plasma concentrations of free amino acids in sheep in relation to time of feeding and protein intake. By J. L. MANGAN and P. C. WRIGHT.
- Investigation of mechanisms operating in dye-binding procedures for the evaluation of protein quality. By A. L. LAKIN.
- Contrasting results for the reactive lysine content of heat-damaged materials. By R. F. HURRELL and K. J. CARPENTER.