

FORTHCOMING PAPERS

The next issue of the *British Journal of Nutrition* will appear in June. It is hoped to publish in it the following papers:

- Studies of the toxicity of copper to pigs. 1. Effects of oral supplements of zinc and iron salts on the development of copper toxicosis. By N. F. SUTTLE and C. F. MILLS.
- Studies of the toxicity of copper to pigs. 2. Effects of protein source and other dietary components on the response to high and moderate intakes of copper. By N. F. SUTTLE and C. F. MILLS.
- Nitrogen metabolism in the reticulo-rumen of steers on diets containing extracted soya-bean meal and infrared-toasted soya beans. By O. T. STALLCUP and G. V. DAVIS.
- Rumen development in the calf. 1. The effect of diets containing different proportions of concentrates to hay on rumen development. By I. J. F. STOBO, J. H. B. ROY and HELEN J. GASTON.
- Rumen development in the calf. 2. The effect of diets containing different proportions of concentrates to hay on digestive efficiency. By I. J. F. STOBO, J. H. B. ROY and HELEN J. GASTON.
- The relationship in the cow between milk-fat secretion and ruminal volatile fatty acids. By J. E. STORRY and J. A. F. ROOK.
- Factors affecting the voluntary intake of food by cows. 8. Experiments with ground, pelleted roughages. By R. C. CAMPLING and M. FREER.
- Tissue lipids in calves suffering from muscular dystrophy. By RITVA POUKKA.
- The proteases, amylase and lipase of the pancreas and intestinal contents of germ-free and conventional rats. By S. LEPKOVSKY, F. FURUTA, K. OZONE, T. KOIKE and M. WAGNER.
- A study of the protein requirements of the mature breeding ewe. Maintenance requirement of the non-pregnant ewe. By J. J. ROBINSON and T. J. FORBES.
- Evaluation of American and British rations for growing pigs. By R. S. BARBER, R. BRAUDE, ZENA D. HOSKING, K. G. MITCHELL, W. H. BRUNER, V. R. CAHILL, J. J. GILLILAND, R. F. GUNDLACH and H. S. TEAGUE.
- The extent of differences between six British breeds of sheep in their metabolism, feed intake and utilization, and resistance to climatic stress. By K. L. BLAXTER, J. L. CLAPPERTON and F. W. WAINMAN.
- Utilization of salts of volatile fatty acids by growing sheep. 1. Acetate, propionate and butyrate as sources of energy for young growing lambs. By E. R. ØRSKOV and D. M. ALLEN.
- Utilization of salts of volatile fatty acids by growing sheep. 2. Effect of stage of maturity and hormone implantation on the utilization of volatile fatty acid salts as sources of energy for growth and fattening. By E. R. ØRSKOV, F. D. HOVELL and D. M. ALLEN.
- The effect of differing high-carbohydrate diets on dental caries in the albino rat. By R. M. GREEN and R. L. HARTLES.
- Some errors in the determination of nitrogen retention of sheep by nitrogen balance studies. By A. K. MARTIN.
- Some effects of dietary dextrose, fructose, liquid glucose and sucrose in the adult male rat. By R. J. L. ALLEN and J. S. LEAHY.
- The metabolism of oleic, linoleic and linolenic acids by sheep with reference to their effects on methane production. By J. W. CZERKAWSKI, K. L. BLAXTER and F. W. WAINMAN.
- The intake and excretion of calorific constituents of milk by babies. By D. A. T. SOUTHGATE and IRENE M. BARRETT.
- Comparative studies on the digestive physiology of sheep fed on semi-purified or roughage-concentrate diets. 1. Food and water intake, rumen volume and rates of parotid secretion. By M. J. LAWLOR, D. GIESECKE and KARIN WALSER-KÄRST.
- Comparative studies on the digestive physiology of sheep fed on semi-purified or roughage-concentrate diets. 2. Microbiological investigations. By D. GIESECKE, M. J. LAWLOR and KARIN WALSER-KÄRST.

CONTENTS OF VOLUME 20, No. 1, 1966

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	PAGE
The feeding of sledge dogs on Antarctic expeditions. By N. W. M. ORR	1
A study of chewing during eating in the cow. By J. GILL, R. C. CAMPLING and D. R. WESTGARTH	13
A preliminary study of the effect of pregnancy and of lactation on the voluntary intake of food by cows. By R. C. CAMPLING	25
Effect of dietary protein level and thyroxine on vitamin A depletion from liver in chicks. By I. NIR and I. ASCARELLI	41
A study in the rat of the interaction between the effects of calcium and phosphorus content of the diet at two different levels and the presence or absence of vitamin D. By R. B. HARRAND, R. M. GREEN and R. L. HARTLES	55
The effect of lowered environmental temperature on lipid metabolism in rats fed on normal and high-fat, high-cholesterol diets. By P. BOBEK and E. GINTER	61
The distribution and metabolism of α -tocopherol in the rat. By A. MELLORS and M. MCC. BARNES	69
The effect of diet on the compositions of the triglycerides and unesterified fatty acids isolated from the plasma, liver and adipose tissues of rabbits. By J. H. MOORE and D. L. WILLIAMS	79
The analysis of α -tocopherol and ubiquinone in rat liver. By A. T. DIPLOCK, J. GREEN, J. BUNYAN and D. MCHALE	95
The fasting metabolism of cattle. By K. L. BLAXTER and F. W. WAINMAN	103
Nutritional effects of autoxidized fats in animal diets. 2. Beef fat in the diet of broiler chicks. By J. L. L'ESTRANGE, K. J. CARPENTER, C. H. LEA and L. J. PARR	113
Nutritional effects of autoxidized fats in animal diets. 3. The growth of turkeys on diets containing oxidized fish oil. By C. H. LEA, L. J. PARR, J. L. L'ESTRANGE and K. J. CARPENTER	123

INDEX OF AUTHORS

	PAGE		PAGE
Ascarelli, I.	41	Lea, C. H.	113, 123
Barnes, M. Mc.	69	L'Estrange, J. L.	113, 123
Blaxter, K. L.	103	McHale, D.	95
Bobek, P.	61	Mellors, A.	69
Bunyan, J.	95	Moore, J. H.	79
Campling, R. C.	13, 25	Nir, I.	41
Carpenter, K. J.	113, 123	Orr, N. W. M.	1
Diplock, A. T.	95	Parr, L. J.	113, 123
Gill, J.	13	Wainman, F. W.	103
Ginter, E.	61	Westgarth, D. R.	13
Green, J.	95	Williams, D. L.	79
Green, R. M.	55		
Harrand, R. B.	55		
Hartles, R. L.	55		