

Photographed diagrams are also accepted. Lettering inside the framework of the diagram should be avoided as far as possible, but if unavoidable it should be included on a fly-leaf. Marginal lettering should be inserted lightly in pencil on the original diagram or on a fly-leaf.

(b) Photographs intended for half-tone reproduction should be on glossy paper. They will be accepted only if found necessary by the Editors.

(c) Colour plates are unlikely to be accepted unless authors bear the cost.

Tables should be as simple and as few as possible. Each table should be typed on a separate sheet.

Abstract: Every article should have a short abstract (not more than 250 words) complete in itself and understandable without reference to the paper. *The abstract will be printed at the beginning of the paper.*

References: Only papers closely related to the author's work should be referred to; exhaustive lists should be avoided. The arrangement of references should be as in recent papers in *Animal Production*; details are given in the notes for guidance.

Proofs are supplied once and must be returned corrected to the Editors *within 3 days*. Only essential corrections should be made.

Reprints: Twenty-five reprints of each paper will be supplied free to authors on request. Further copies may be purchased if the order is sent at the proof stage.

Animal Production is published six times a year in two volumes. Annual subscription is £33·00 (or \$80·00 in the USA and Canada) and the price for a single part is £6·00 (or \$15·00) net.

Proceedings of the British Society of Animal Production (New Series) ceased publication in 1975 and the material is now published as a separate section in the June issue of *Animal Production*.

Business matters, including regular subscriptions and sales (current and back numbers of the Journal and the Proceedings) should be addressed to Longman Group, Periodicals and Directories Division, 43/45 Annandale Street, Edinburgh, Scotland EH7 4AT.

Senior Editor

J. A. F. Rook, Hannah Research Institute.

Editors

R. C. Campling, Wye College, University of London.

C. J. M. Hinks, Animal Breeding Research Organisation.

J. Hodgson, Hill Farming Research Organisation.

J. M. Manson, East of Scotland College of Agriculture.

A. M. Raven, West of Scotland Agricultural College.

J. H. B. Roy, National Institute for Research in Dairying.

A. J. F. Webster, University of Bristol.

M. B. Willis, University of Newcastle upon Tyne.

Assistant Editors

Jill M. Read.

P. D. Wilson.

CONTENTS

	PAGE
TAYLOR, ST C. S. Genetic size-scaling rules in animal growth	161
TAYLOR, ST C. S. Genetically standardized growth equations	167
BULMAN, D. CLAIRE and WOOD, P. D. P. Abnormal patterns of ovarian activity in dairy cows and their relationships with reproductive performance	177
LEVY, D., HOLZER, Z., FOLMAN, Y., BLEIBERG, M. and ILAN, D. Protein requirements of male cattle fattened on diets differing in energy concentrations	189
TRUSCOTT, T. G., TULLOH, N. M. and WHITFIELD, D. E. A seriatim study, using ultrasonic measurements, of fat depth and <i>m. longissimus</i> area in Hereford bulls, steers and heifers under grazing conditions	199
JONES, L. P. and HOPKINS, I. R. The effect of correction factors on response to selection in beef cattle	211
THORPE, W., CRUICKSHANK, D. K. R. and THOMPSON, R. Genetic and environmental influences on beef cattle production in Zambia. 1. Factors affecting weaner production from Angoni, Barotse and Boran dams	217
THORPE, W., CRUICKSHANK, D. K. R. and THOMPSON, R. Genetic and environmental influences on beef cattle production in Zambia. 2. Live weights for age of purebred and reciprocally crossbred progeny	235
THORPE, W., CRUICKSHANK, D. K. R. and THOMPSON, R. Genetic and environmental influences on beef cattle production in Zambia. 3. Carcass characteristics of purebred and reciprocally crossbred castrated males	245
NEWTON, J. E., BETTS, J. E. and WILDE, RENÉE. The effect of body condition and time of mating on the reproductive performance of Masham ewes	353
MARTIN, T. G., SALES, D. I., SMITH, C. and NICHOLSON, D. Phenotypic and genetic parameters for lamb weights in a synthetic line of sheep	261
MAVROGENIS, A. P., LOUCA, A. and ROBISON, O. W. Estimates of genetic parameters for pre-weaning and post-weaning growth traits of Chios lambs	271
KENNEDY, B. W. and MOXLEY, J. E. Genetic factors influencing atrophic rhinitis in the pig	277
PATTISON, H. D., THOMAS, R. J. and SMITH, W. C. The effect of subclinical nematode parasitism on digestion and performance in growing pigs	285
MOUNT, L. E., START, I. B. and BROWN, D. A note on the effects of forced air movement and environmental temperature on weight gain in the pig after weaning	295
WOOD, P. D. P. A note on the lactation curves of some high-yielding British Friesian cows	299
LEAVER, J. D. and YARROW, N. H. A note on the effect of social rank on the feeding behaviour of young cattle on self-feed maize silage	303
LARGE, R. V. A note on the performance of Soay ewes, when mated to Soay and Dorset Down rams, and the growth rate and carcass production of their lambs	307
LATIF, M. G. A. and OWEN, E. A note on the growth performance and carcass composition of Texel- and Suffolk-sired lambs in an intensive feeding system	311