

# WORLD'S POULTRY SCIENCE JOURNAL



VOLUME 44

February 1988

No. 1

## CONTENTS

Title Page . . . . .	1	Egg quality as influenced by production systems—C. G. Belyavin . . . . .	65
Sponsors . . . . .	1	Antibiotics, poultry production and public health—M. H. Hinton . . . . .	67
Officers and Council . . . . .	2	Basis and efficacy of probiotics—R. Fuller . . . . .	69
Federations . . . . .	3	Prospects for additive-free feeds—Helen Raine . . . . .	70
Branch Secretaries . . . . .	4	Diseases of free range birds—P. W. Laing . . . . .	72
Editorial . . . . .	5		
<b>Main Articles</b>		<b>Association News</b>	
Lathyrism in poultry—a review—S. D. Chowdhury . . . . .	7	Nagoya Congress—Social Notes . . . . .	75
Modifying egg yolk cholesterol in the domestic fowl—P. Stewart Hargis . . . . .	17	<b>Branch News</b>	
Inter-relationships between egg shell quality, blood acid-base balance and dietary electrolytes—R. J. Hughes . . . . .	30	Danish Branch . . . . .	76
The domestic fowl in biomedical research: physiological effects of the environment—B. M. Freeman . . . . .	41	German Branch . . . . .	76
		South African Branch . . . . .	76
		Israel Branch . . . . .	77
		<b>European Federation News</b>	
		Working Group No 1—Economics and Marketing . . . . .	79
		Working Group No 7—Hygiene and Pathology . . . . .	79
<b>Short Articles</b>		<b>Forthcoming Events</b> . . . . .	80
Implications of developing legislation: bird welfare—K. B. Baker . . . . .	61	<b>Book Reviews</b> . . . . .	82
Current knowledge of bird welfare requirements—B. O. Hughes . . . . .	62	<b>Obituaries</b> . . . . .	83
Trends in management systems—H. A. Elson . . . . .	64	<b>Notes for Contributors</b> . . . . .	84