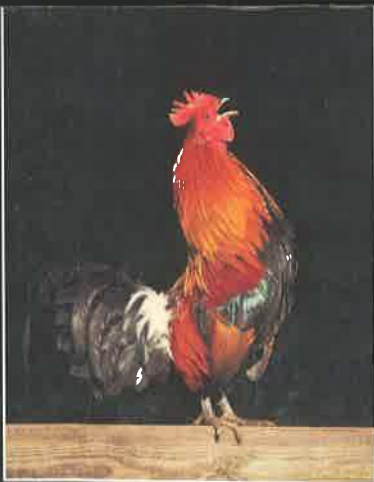


Poultry Behaviour and Welfare



Michael C. Appleby, *The Humane Society of the United States, Washington, DC, USA, (formerly University of Edinburgh, UK),*
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This authoritative textbook provides an introduction and guide to poultry behaviour and welfare. It describes the origin and biology of the various species of bird that are of agricultural importance, as well as giving a succinct overview of their key behaviour patterns. There is careful discussion of the many factors that influence their welfare, and detailed consideration of the ways in which legislation and commercial interests interact in an attempt to satisfy the many needs involved. The final chapters discuss possible future developments within the subject. The book is in part an update of a previous work, *Poultry Production Systems: Behaviour, Management and Welfare* (CAB International, 1992), completely rewritten and with much new material added. The book will be of significant interest to those working within poultry science, applied animal behaviour and animal welfare.

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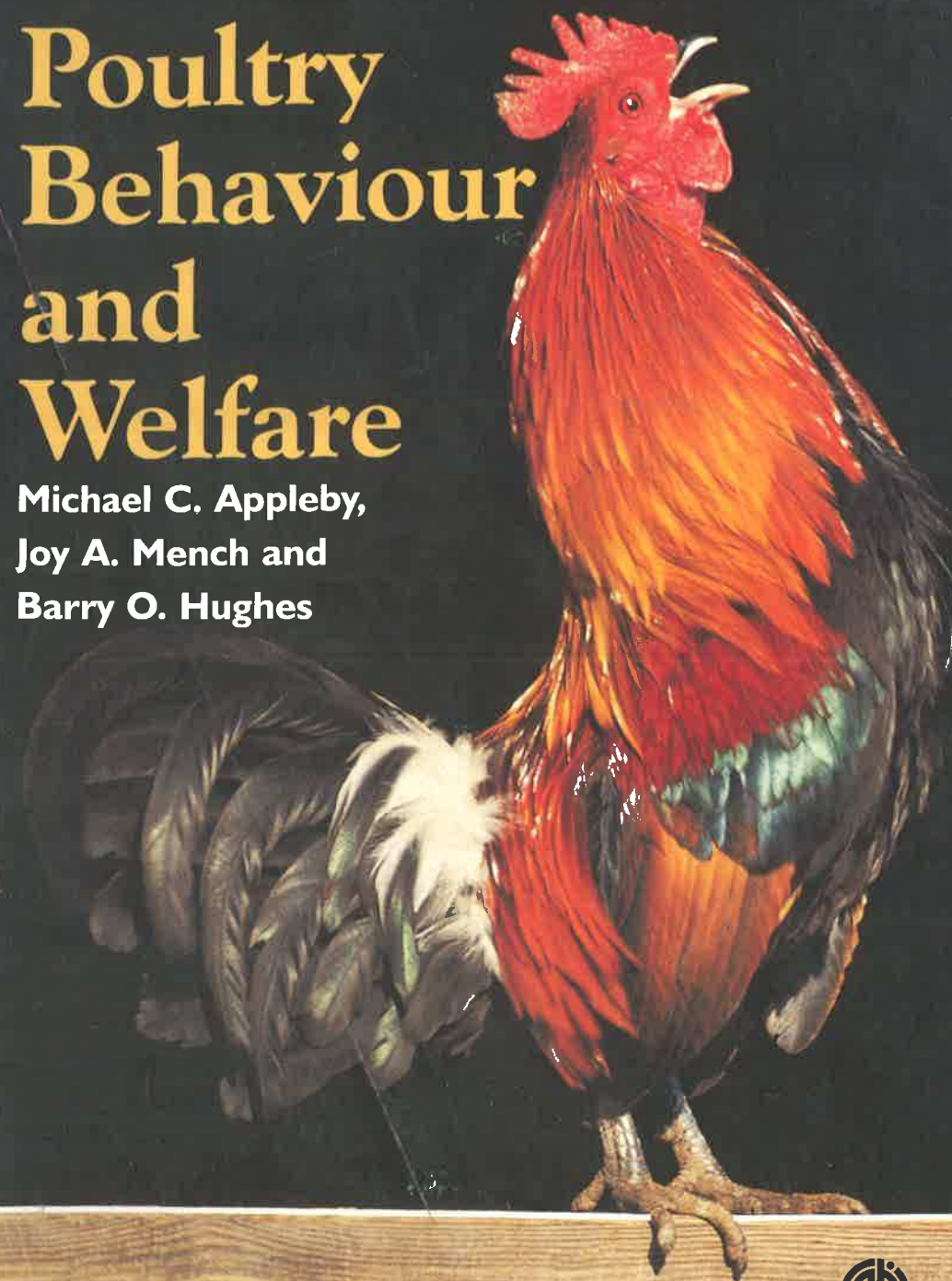
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Mench
Hughes**

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Contents

Preface	ix
Part A Poultry	1
1. Origins	1
1.1 Summary	1
1.2 Domestication and Behaviour	2
1.3 Domestic Fowl	2
1.4 Turkey	5
1.5 Japanese Quail	8
1.6 Bobwhite Quail	8
1.7 Guinea Fowl	8
1.8 Pheasant	9
1.9 Domestic Duck	9
1.10 Muscovy	10
1.11 Goose	10
1.12 Pigeon	10
1.13 Ratites	11
1.14 Breed Diversity	11
2. Biology	12
2.1 Summary	12
2.2 Understanding Biology	13
2.3 Central Nervous System	13
2.4 Vision	13
2.5 Hearing	16
2.6 Taste	16
2.7 Olfaction	17
2.8 Cutaneous Sensitivity	18
2.9 Skeletal and Muscular Systems	18
2.10 Female Reproductive System	19
2.11 Male Reproductive System	20
2.12 Digestive System	22
2.13 Cardiovascular System	23
2.14 Respiratory System	24

2.15	Regulation of Water Balance and the Renal (Urinary) System	26
2.16	Immune System	28
2.17	Integument	29
2.18	Application of Biology to Housing Design and Breeding Strategies	30
Part B Behaviour		30
3. Causes and Effects		30
3.1	Summary	31
3.2	Questions About Behaviour	32
3.3	Function	35
3.4	Evolution and Domestication	38
3.5	Development	41
3.6	Control	45
4. Maintenance		45
4.1	Summary	46
4.2	Natural Behaviour	47
4.3	Development of Feeding and Drinking Behaviour	48
4.4	Foraging Behaviour	51
4.5	Food Intake and Diet Selection	54
4.6	Temporal Pattern of Feeding	56
4.7	Social Influences on Feeding	58
4.8	Drinking Behaviour	60
4.9	Movement	63
4.10	Use of Space	63
4.11	Comfort Behaviours	65
4.12	Dust Bathing and Water Bathing	67
4.13	Rest and Sleep	70
5. Living in Groups		70
5.1	Summary	71
5.2	Natural Behaviour	72
5.3	Social Recognition and Communication	73
5.4	Socialization	75
5.5	Aggression and Dominance	77
5.6	Affiliative Behaviour	79
5.7	Social Learning and Behavioural Synchrony	81
5.8	Stocking Density, Group Size and Spacing Behaviour	83
5.9	Feather Pecking	86
5.10	Cannibalism	91
6. Reproduction		91
6.1	Summary	92
6.2	Natural Mating Behaviour	94
6.3	Natural Nesting and Incubation	95
6.4	Sexual Development	96
6.5	Sexual Motivation	97
6.6	Mating	102
6.7	Fertility and Hatchability	103
6.8	Control of Egg Laying	105
6.9	Timing of Egg Laying	106
6.10	Nest Site Selection	

6.11	Pre-laying Behaviour	111
6.12	Oviposition	113
6.13	Post-laying Behaviour	114
6.14	Egg Production	116
Part C Welfare		118
7. Perceptions of Welfare		118
7.1	Summary	118
7.2	Human and Animal Interests	119
7.3	Public Attitudes	120
7.4	Ethical Approaches	123
7.5	Concepts of Welfare	124
7.6	Naturalness	127
7.7	Broad Approaches	128
8. Sentience		130
8.1	Summary	130
8.2	Variation Between Species	131
8.3	Preferences and Needs	133
8.4	Positive Feelings	137
8.5	Hunger and Thirst	137
8.6	Discomfort and Pain	139
8.7	Frustration, Fear and Distress	140
9. Physical Aspects		143
9.1	Summary	143
9.2	Positive and Negative Indicators	144
9.3	Health and Disease	145
9.4	Injuries and Mutilations	147
9.5	Normal Behaviour	151
9.6	Growth	152
9.7	Survival	154
9.8	Reproduction	154
9.9	Stress	155
10. Environmental Influences		158
10.1	Summary	158
10.2	Natural and Artificial Environments	159
10.3	Structure	160
10.4	Food and Water	163
10.5	Air Quality and Hygiene	164
10.6	Temperature	165
10.7	Light	168
10.8	Interaction of Social and Physical Factors	171
10.9	Interaction with Humans	172
10.10	Complex Environments	174
Part D Practice		176
11. Industry		176
11.1	Summary	176
11.2	Historical Development	177
11.3	Control of Incubation and Brooding	177
11.4	Control of Nutrition	178

11.5	Control of Disease	178
11.6	Control of Photoperiod	179
11.7	Control of the Bird's Immediate Environment	180
11.8	Automation	180
11.9	Scope and Structure of the Modern Poultry Industries	181
11.10	Hatchery	184
11.11	Egg Production	186
11.12	Meat Production	187
11.13	Breeding Sector	189
11.14	Processing Sector	191
11.15	Welfare Considerations	193
12.	Systems	194
12.1	Summary	194
12.2	Farmyard	195
12.3	Free Range	195
12.4	Floor Housing	198
12.5	Cages	201
12.6	Furnished Cages	204
12.7	Multi-level Systems	205
12.8	Marketing and Labelling	208
13.	Politics	209
13.1	Summary	209
13.2	Attitudes and Legislation	210
13.3	Developments in Individual European Countries	212
13.4	Council of Europe and European Union	214
13.5	USA	217
13.6	Trade Organizations	218
13.7	Animal Protection Societies	219
13.8	Influences on Attitudes	221
14.	Economics	222
14.1	Summary	222
14.2	Economic Attitudes	223
14.3	Costs of Egg Production	224
14.4	Costs of Meat Production	228
14.5	Egg Market	229
14.6	Competition and Trade	231
14.7	Stakeholders	233
14.8	Making Decisions	235
		239
References		269
Index		

Preface

To a much greater extent than most people would imagine, humans depend on poultry for their food. There are about twice as many chickens in the world as humans, and most, with all the other poultry species, are kept for meat and eggs. Yet the contributions of poultry to human society remain widely ignored or unknown, their variety unappreciated and the complexity of their behaviour overlooked or belittled. This volume has three overlapping themes. First, that chickens, turkeys, ducks, geese and other poultry are fascinating representatives of the world of birds, with biology and behaviour that are novel to those who are mostly familiar with mammals. Secondly, that knowledge of their biology and behaviour is essential to proper management of commercial poultry: witness the facts that success in management is considerably affected by experience, and that decisions made on a technical rather than a biological basis are often disastrous. Thirdly, that such knowledge fosters an appropriate concern for the birds themselves, a concern that mirrors increasing public interest in the welfare of farm animals. To have a sustainable future, agriculture must take into account the needs of our animals and our environment as well as ourselves.

This volume draws on some material from the previous *Poultry Production Systems: Behaviour, Management and Welfare* (Appleby *et al.*, 1992), revised and updated. However, the issues concerned have moved on considerably in the last 10 years and there is much new coverage, particularly in the chapters on welfare, politics and economics. There is still more published information available on chickens than on other poultry, but studies on the latter are increasing and are included as comprehensively as possible. This continues to be an active area of research and more than one-third of the references listed have been published since the previous book.

We are very grateful to many friends and colleagues for support during the production of this volume. We particularly wish to thank Francine Bradley, Ben Mather and Anna Olsson who each read the whole manuscript

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Index

- Abnormal behaviour 33, 138
- Adrenal 42, 81
- Adrenocorticotrophic hormone (ACTH) 41
- Affiliation 77, 137
- Aggression 50, 72, 75-77, 83, 172
causes 3, 32, 36, 41, 81, 82, 111, 170
effects 87, 100, 105, 141
reduction 37, 57, 150
system comparison 204
- Air quality 164, 166, 172, 215
- 'All in, all out' management 146, 165, 179
- Amino acid 178
- Ammonia 59, 133, 164, 173, 174, 193, 199, 201
- Animal
protection groups 120, 219-220
rights 120, 123, 124, 219, 220
Animal Liberation 221
Animal Machines 120, 213, 221
Anthropomorphism 42, 44, 137
Antibiotics 145, 152, 178, 179
Artificial insemination 8, 100, 102, 103, 155, 172, 190
Ascites 23, 140, 180
Australasia 122
Australia 159, 216, 218
Automation 138, 151, 152, 177, 180-181, 184, 193, 201, 215, 231
- Aviary 186, 205-206
behaviour 81
behaviour problems 84, 107
economics 225
structure 63, 161, 174, 195
welfare 82
- Bacteria 27
- Bantams 4, 9, 35, 177
- Barbary duck *see* Muscovy
- Barn *see* Perchery
- Battery cage *see* Cage
- Beak trimming 87-90, 123, 172, 184, 213
cannibalism 160, 189, 197, 208
feather pecking 86
food intake 48, 52, 181
welfare problems 18, 139, 150, 151, 193
- Behavioural problems 33, 138
- Bentham, Jeremy 123
- Bill trimming *see* Beak trimming
- Biosecurity 146, 221
- Blood 23, 24
- Body
condition 32
weight 52, 68, 155, 168, 190
- Bone 18-19
breakage 19, 25, 60, 62, 139, 148-149, 193
strength 60, 67, 144, 148, 155, 163, 204
- Boredom 142

- Brain 13, 132
- Brambell Report 120, 125, 136, 140, 213
- Breast blisters 59, 139, 188
- Breathing 24
- Broiler 149, 157, 182, 187–189, 218, 236
 - behaviour 61, 68, 77
 - feeding and physiology 163, 178
 - free range 198
 - housing 59, 164, 179, 180, 181, 200, 228
 - husbandry 41, 56, 67, 152, 166, 169
 - naked neck 5
 - physical characteristics 23, 38, 139, 148, 153, 161
- Broiler breeder 100–102
 - behaviour 61, 63, 76, 81, 106, 151
 - feeding and physiology 56, 60, 138, 153, 155, 163, 174
 - housing and husbandry 87, 96, 152, 200
 - physical characteristics 139, 190
- Broodiness 35, 104, 114, 152
- Cage, conventional 86, 121, 178, 201–205
 - behaviour 48, 62, 64, 77, 82, 114
 - behaviour problems 60, 79, 84, 89, 112, 140
 - economics 119, 180, 224, 225, 236
 - eggs 116
 - legislation 215
 - structure 59, 148
 - welfare 81, 127
- Cage, furnished 142, 204–205
 - behaviour 65, 77, 110, 113
 - legislation 48, 213, 215
 - structure 50, 66
 - welfare 81, 195
- Calcium 19, 52, 54, 113, 144, 148, 163, 169
- Canada 122, 217, 218
- Candling 184
- Cannibalism 86–90, 123
 - causes 50, 77, 78, 81, 113
 - reduction 37, 41, 56, 150, 151, 189, 191
 - system comparison 160, 197, 200, 201, 204, 208, 227
- Chicken 2–5, 16
 - behaviour 159
 - chick 38, 39, 40, 47, 66, 139, 159, 166, 174
 - end-of-lay 193, 232
 - feeding and physiology 53, 56, 178
 - housing and husbandry 119, 191, 201
 - see also* Broiler, Broiler breeder
- China 182
- Claw shortener 48, 148, 204, 205
- Coccidiosis 145, 165, 178, 227
- Cockfighting 2, 3, 36, 123, 223
- Cognition 34, 42, 43, 44, 131, 142
- Comfort behaviour 46, 47, 63–65, 140
- Communication 72
 - see also* Crowing; Vocalization
- Compassion in World Farming 219
- Conditioning 39–40
- Consciousness 132
- Contrafreeloading 136
- Control 174
- Coolidge effect 97
- Corticoids 42, 65, 152, 157
- Council of Europe 136, 211, 214
- Courtship 72, 93, 101
- Crowding 60, 61, 103, 172, 175
- Crowing 31, 32, 36, 72, 137
 - see also* Vocalization
- Cruelty 119, 210, 217
- Dawkins, Marian 131, 140
- Day length *see* Photoperiod
- Deep litter 120, 186
 - behaviour 48, 61, 62, 63, 81, 86
 - behaviour problems 84, 89
 - economics 224, 230
 - eggs 116
 - legislation 199, 206
 - structure 197
 - welfare 164
- Denmark 212, 215, 230, 233
- Diet 152, 177
 - selection 2, 22, 52, 164
- Digestion 22
- Discomfort 139, 155
- Disease 125, 144, 145–147, 172, 221
 - effects 154
 - reduction 177, 178–179
 - system comparison 161, 164, 180, 196, 198, 199, 201, 208

- Distress 141, 155
- Disturbance 41
- Domestication 2–11, 33, 35–38, 159
- Dominance 75–77
 - behaviour 32, 63, 72, 86, 92, 97, 105, 141, 161
 - hierarchy 2, 16, 81, 101, 172
- Drinkers 47, 59, 73, 83, 180
- Drinking 46, 47, 58–60, 79, 164, 180
- Dubbing 150
- Duck 181, 182, 218
 - behaviour 36, 86, 93, 96, 189
 - domestic *see* Pekin
 - duckling 38, 40, 75, 166
 - feeding and physiology 119
 - housing and husbandry 97, 122, 160, 162, 195, 200, 201, 228
 - mallard 9, 38, 46, 71, 93, 96
 - Muscovy 10, 46, 72, 189, 191
 - Pekin 9, 191
 - wood 38
- Duncan, Ian 131, 141
- Dust 164, 173, 193, 201
 - bathing 51, 61, 65–66, 79, 85, 137, 140, 141, 161, 172
- Dwarfing 5, 139, 153
- Ear 16
- Efficiency *see* Food conversion efficiency
- Egg
 - abnormality 113, 173
 - colour 203, 230
 - cracks 113, 148, 186, 204, 228
 - development 19, 73
 - drop syndrome 146
 - eating 32, 33, 106, 114, 175
 - laying 19, 20, 32, 72, 103, 104, 105, 109, 113
 - floor 106, 113, 114, 201, 206, 208, 225, 228
 - number 5, 20, 35, 179, 186, 189
 - production 116, 146, 163, 165, 178, 186, 201, 224
 - biology 96
 - husbandry 53, 81, 119, 169
 - selection 95, 104, 144
 - quality 5
 - shell 19–20, 186, 189, 230
 - weight 165, 168, 179, 186, 189
- Emu 11, 181
- Energy 52, 53
- Enriched cage *see* Cage, furnished
- Environment 233, 235, 237
 - complexity 41, 60, 83, 172, 174
 - enrichment 39, 40, 141, 174–175
- Ethics 123, 152, 235
- European Union (EU) 60, 132, 140, 152, 180, 182, 186, 203, 208, 215–216, 227
 - 1999 Directive 60, 64, 66, 141, 142, 203, 204, 215–216, 218, 230, 233
 - trading standards 196, 197, 199, 201, 206, 215, 230
- Evolution 32, 35, 127, 155, 195
- Eye 13–16
 - problems 67, 170, 179
- Farm Animal Welfare Council 125, 128, 213
- Farmyard flocks 47, 67, 71, 73, 75, 97, 104, 160, 174, 195
- Fearfulness 44, 132, 141
 - causes 67, 81, 172
 - effects 72
 - reduction 37, 38, 174, 191
- Feather 26, 27, 61
 - condition 51, 52, 64, 67, 201
 - pecking 83–86, 172
 - causes 50, 58, 64, 78, 81, 170, 175
 - effects 27
 - reduction 37, 41, 52, 56, 87, 150, 191
 - system comparison 204, 206
- Feeders 48, 52, 57, 79, 181
- Feeding 32, 47, 174
 - behaviour and physiology 22, 38, 46, 79, 137, 140
 - control 41, 54
 - motivation 43, 56, 57
 - practice 163
- Feelings 44, 131–142
- Feral poultry 35, 46, 47, 85, 92, 94, 109, 151, 159
- Fertility 7, 11, 96, 98, 100, 102–103, 155
- Five Freedoms 125, 128, 137, 140, 213
- Flight 13, 18, 23, 26, 27, 46, 60, 127
 - distance 36
- Flightiness 38
- Floor laying 106, 113, 114, 201, 206, 208, 225, 228
- Foie gras 10, 119, 189

- Food
 conversion efficiency 116
 husbandry 53, 119, 160, 163, 165, 166, 169, 179, 188
 selection 4, 5, 187, 190, 231
 intake 116, 224, 225
 biology 54, 56, 58
 husbandry 51-52, 53, 165, 169, 180, 198, 201, 204, 226, 228
 selection 152
 prices 121, 231, 233, 235, 237
 restriction 60, 79, 102, 153, 155, 163, 170
 safety 193, 235
 wastage 48, 52
 withdrawal 193, 217
 Foot condition 51, 67, 139, 144, 148, 161, 199, 204, 206
 Foraging 2, 48, 66, 73, 81, 85, 140, 161, 163
 Fowl, domestic *see* Chicken
 France 182, 198, 228
 Free range 120, 121, 165, 186, 195-198, 235
 behaviour 46-47, 67, 160
 behaviour problems 87
 broilers 228
 economics 180, 224, 225, 229, 230, 234
 structure 208
 welfare 60, 84, 149, 156
 Frustration 125, 140-141, 142
 causes 48, 60, 64, 111, 112, 113, 138, 163
 effects 37, 65
 Furnished cage *see* Cage, furnished
 Genetic
 engineering 152
 selection 29, 163, 189, 231, 232
 behaviour 3, 36, 37, 41, 83, 87, 97, 112, 151, 152
 disease resistance 145
 meat 8, 18, 23, 139, 140, 153, 155
 eggs 5, 144, 154
 Germany 208, 211, 212, 230
 Get-away cage 76, 195, 204
 Glucose 41
 Goose 10, 33, 123, 181, 218
 behaviour 32, 71, 93
 feeding and physiology 46
 gosling 79
 housing and husbandry 195
 Gregariousness 34, 111-112, 113, 133
 Group size 41, 76, 81, 84, 103, 116, 141, 160, 172, 201, 204
 Growth rate
 husbandry 53, 169, 170, 228
 selection 38, 139, 140, 152, 187, 189, 190, 198
 Guinea fowl 8-9, 103, 181
 Habituation 36, 39, 41, 97, 172, 175
 Handling 39, 139, 172, 193
 Harrison, Ruth 120, 213, 221
 Hatchability 11, 100, 102, 103, 106, 113, 177
 Hatching 95, 184
 Health 125, 145
see also Disease
 Hearing 16, 72
 Heart 23, 154
 rate 81, 113, 141, 156
 Heat stress 119, 139, 154, 157, 191, 192
 Hockburn 59, 161
 Home range 46, 63, 71, 73
 Hormones 31, 41, 72
see also specific hormones
 Human interactions 159, 172-174
 Humane Society of the United States, The 220
 Humidity 164, 165, 177, 192, 228
 Hunger 42, 54, 56, 125, 138, 163
 Hunting 8, 9
 Hybrid 4-5, 20, 35, 46, 53, 60, 68, 187, 190, 203, 230
 vigour 190
 Hypothalamus 41
 Hysteria 141, 142, 149, 172-173, 201
 Immunity 26-27
 Imprinting 2, 38, 40
 sexual 73, 95-96, 100
 Incubation 40, 95, 166, 177, 184, 186, 188, 189
 Individual
 recognition 16, 72, 81
 space 82
 Injury 125, 147, 154, 191, 192, 201, 212
 Ireland 211
 Israel 103

- Japan 103, 122
 Jungle fowl 2-3, 35, 38, 159
 behaviour 16, 71, 82, 92, 93
 feeding and physiology 46, 48
 physical characteristics 20
 Kant, Immanuel 119
 Keel bone 68
 Kidneys 26
 Labour 160, 177, 180, 188, 195, 201, 225, 226, 231
 Lameness *see* Leg problems
 Laying hen *see* Chicken
 Learning 39, 47, 79, 87
 Leg problems
 causes 18, 38, 139, 188
 effects 61, 68, 101-102, 146
 reduction 153, 169, 191
 Lek 71, 92, 93, 155
 Light 65, 99, 105, 168-171
 intensity
 behaviour 31, 41, 76, 77, 83, 86, 87, 115, 175, 188
 egg production 170
 food intake 52
 intermittent 56, 67, 169-170, 179
 photoperiod 54, 65
 Litter 134, 135, 160, 188, 200, 204, 206, 216, 228
 behaviour 48, 66, 81, 85, 136
 deprivation 83
 management 59, 138, 161, 166, 172, 180, 199, 227
 Livability 146
 Locomotion 61
 Lungs 24-26
 Luteinizing hormone 22
 Mallard 9, 38, 46, 71, 93, 96
 Marek's disease 145, 178
 McDonalds 138, 203, 234
 Melatonin 168, 169
 Midgley, Mary 124
 Minerals 53, 54, 59, 178
 Modified cage *see* Cage, furnished
 Mortality 146, 154
 causes 73, 81, 86, 157, 193
 effects 225
 reduction 69, 189, 191
 system comparison 228
 Motivation 133, 142
 dust bathing 65
 economic analysis 135
 feeding 43, 56, 57
 pecking 48, 50
 pre-laying 43, 104, 109, 113, 136
 roosting 68
 sexual 96-97
 Moulting 27, 83
 induced 53, 76, 138, 186, 193, 217, 234
 Muscles 18-19
 Muscovy 10, 46, 72, 189, 191
 Myopathy 153
 National Chicken Council 218, 234
 National Farmers Union 218
 National Turkey Federation 218, 234
 Natural selection 32, 34, 35, 53, 133, 137, 154, 155, 156
 Needs 133, 136
 Nest box 106-114, 141
 access 41, 62, 73, 136
 provision 81, 160, 195, 204, 206, 216
 use 66, 87, 105, 133, 190, 225
 Nesting 20, 35, 38, 42, 94-95, 104, 191
see also Pre-laying
 Netherlands, The 121, 122, 206, 208, 211, 214, 229
 Neuroma 139
 New Zealand 217
 Newcastle disease 145, 178
 Nociceptors 18, 139
 Norway 183, 213
 Obesity 100
 Oestrogen 20, 42, 104
 Organic production 196, 229, 235
 Osteoporosis 163, 165, 193
 Ostrich 11, 181, 182
 behaviour 71, 72, 93, 95, 100
 feeding and physiology 46
 housing and husbandry 103, 189, 191, 198
 physical characteristics 13
 Ovary 19, 42
 Oviduct 19, 20, 103, 104, 155
 Ovulation 19, 42, 104, 105, 170
 Pain 126, 131, 132, 139, 210, 212
 causes 48, 83, 86, 101, 150, 155
 effects 88, 145

- Palatability 52, 53
 Parasites 64, 93, 161, 180, 201, 227
 Pavlov, Ivan 39
 Pecking
 feather *see* Feather pecking
 ground 48, 51, 199
 Pekin duck 9, 191
 Perception 42, 43–44, 131, 133, 144, 154, 155
 Perch 85, 141, 160, 206, 216
 bone strength 60, 149
 jumping 62
 laying 106, 113
 roosting 67–69, 73, 79, 204
 Perchery 186
 behaviour 62–63, 66, 76
 behaviour problems 89, 107
 economics 225, 230
 legislation 206, 208
 structure 161, 195, 197
 welfare 60, 82, 149
 Personal space 82
 Pheasant 9, 33, 119, 159, 181
 behaviour 34, 44, 82, 86
 housing and husbandry 150, 177
 physical characteristics 83
 Phosphorus 52
 Photoperiod 54, 65, 168–169, 179, 196
 Pigeon 10–11, 13, 16, 18, 73, 95, 181
 Pituitary 22, 41
 Play 137
 Pleasure 31, 43, 44, 125, 131, 132, 133, 137
 Potassium 59
 Predator 67, 127, 180, 195, 224, 227
 response 16, 33, 35, 39, 77, 133, 135, 137, 156, 172, 197
 Predictability 174
 Preening 47, 64, 79, 172
 Preference 65, 68, 133–136
 test 134–136
 Pre-laying 20, 37, 42, 43, 76, 104, 105, 106–113, 136, 140
 see also Nesting
 Progesterone 20, 42, 104
 Prolactin 95
 Protein 52, 53, 54, 163, 178
 Quail 31, 159, 174, 181
 behaviour 34, 66, 73, 76, 86, 95, 100
 Bobwhite 8, 71, 72, 93, 95, 189
 feeding and physiology 56
 housing and husbandry 96, 97, 103, 106, 162
 Japanese 8, 71, 72, 93, 186, 189
 physical characteristics 21
 Rafting 79, 137
 Ratites 11, 65, 92, 95, 182, 198
 see also Emu; Ostrich; Rhea
 Regan, Tom 123, 124
 Religion 36, 123, 211
 Rest 46, 67–69, 79, 137
 Rhea 11, 95
 Rhythm
 circadian 54, 56, 58, 66, 67, 170
 seasonal 168–170
 Rollin, Bernard 124, 127
 Rome 3, 9, 10, 123, 177
 Roosting 46, 71, 73, 79, 159, 160, 161, 172, 195, 204
 Royal Society for the Prevention of Cruelty to Animals (RSPCA) 128, 219, 234
 Running 46, 137
 Salmonellosis 145, 146, 178, 221
 Satiety 41, 54
 Scratching, ground 48, 199
 Selection *see* Genetic selection; Natural selection
 Semen 21–22
 Sensitive period 40, 73, 95
 Sex ratio 97, 98, 100, 190
 Sexing 184, 187
 Sight *see* Vision
 Singer, Peter 123, 124, 125, 221
 Skeleton 18–19
 Slaughter 60, 139, 145, 149, 154, 191, 193, 217
 gas 184, 193
 Sleep 67
 Smell 17–18
 Social facilitation 47
 Socialization 73
 Sodium 52, 59
 Soviet Union, former 182, 228
 Space allowance *see* Stocking density
 Stereotypic behaviour 32, 33, 38, 111, 112, 151, 174
 Stimulus
 external 31, 51, 109, 156
 response 38, 39, 40, 43, 65, 72, 93, 133, 135, 136

- Stocking density 81–82, 128, 188, 196, 206, 208, 217
 behaviour 41, 59, 62, 64, 68, 76, 84, 141, 175
 economics 116, 119, 199, 225, 228
 temperature 166
 welfare 60, 172, 197, 232
 Strawyard 186, 198–199
 behaviour 48, 63, 81
 behaviour problems 77, 87
 eggs 116
 structure 225
 Stress 112, 155–157
 causes 65, 81, 82, 173, 191
 effects 41, 59, 103
 heat 119, 139, 154, 157, 191, 192
 reduction 151, 174, 186, 192
 Stunning 191, 193
 Sudden death syndrome 146, 180
 Suffering 43, 125, 131, 132, 136, 140, 210–211, 212
 causes 142
 effects 44, 145
 reduction 127
 see also specific categories
 Sweden 50, 150, 151, 204, 206, 213, 215
 Swimming 65, 160
 Switzerland 150, 151, 183, 206, 208, 211, 213, 227, 234
 Synchrony 63, 64, 67, 79
 Taiwan 162
 Taste 16–17, 53
 Temperature
 ambient 154, 165–168
 behaviour 65, 83
 food intake 52, 196, 201, 225–226
 housing 160, 180, 198, 199, 215
 stress 139, 192
 welfare 172, 228
 body 139, 164, 165–166
 Territoriality 31, 72, 92, 100
 Testes 20–21
 Testosterone 22, 31
 Thermoregulation 61, 165
 Thirst 137–139
 Tiered wire floor 206
 Tinbergen, Niko 31
 Toe trimming 102, 193
 Tonic immobility 141
 Touch 18
 Transport 60, 139, 149, 157, 191, 193, 217, 236
 Trap nest 104, 110, 112, 133
 Tumours 155
 Turkey 5–8, 33, 123, 159, 181, 182
 behaviour 34, 71, 72, 86, 92, 93, 95, 97, 111
 feeding and physiology 53
 housing and husbandry 77, 128, 189, 190, 198, 200, 201, 228
 physical characteristics 18, 83, 127, 139, 148, 153, 161, 163
 poult 44, 47, 73, 75, 76, 139, 166, 184, 189
 processing 191, 193
 reproduction 96, 100, 103, 112, 114, 155, 170
 UK
 breeds 4, 9, 10
 industry 178, 229
 legislation 210–211
 policy 89, 120, 124, 125, 128, 137, 173, 213, 221
 systems 206, 228
 welfare concern 121, 122
 Ultra-violet (UV) 14, 99
 United Egg Producers 203, 218, 221, 234
 USA 154
 breeds 4, 9, 10
 industry 182, 186, 227, 232
 legislation 217–218
 policy 152, 233, 234, 235
 systems 141, 196, 198, 203
 welfare concern 121, 220
 Utilitarianism 123, 124, 125
 Vaccines 145, 146, 178, 184
 Ventilation 154, 164, 166, 181, 192, 198
 Vice 33
 Viruses 27
 Vision 13–16, 72, 131
 Vitamins 52, 53, 163, 178
 Vocalization 16, 24, 32, 72, 73, 96, 151
 see also Crowing
 Water
 bathing 65, 160
 consumption 58, 124, 180, 193

- | | |
|---|--|
| Waterfowl 21, 46, 47, 65, 73
<i>see also</i> Duck; Goose | World Trade Organization (WTO)
216, 232–233 |
| Welfare Codes 124, 128, 137, 213, 215,
217, 221 | Zinc 52 |
| Wing flapping 60, 63 | |

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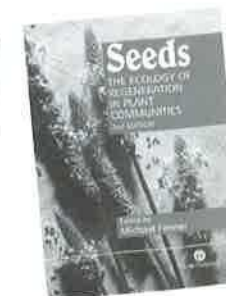
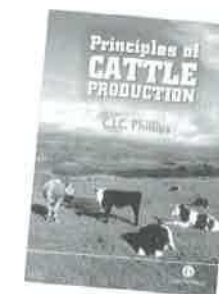
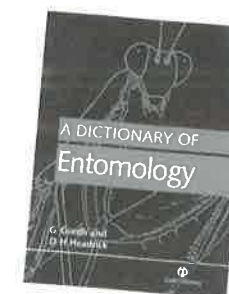
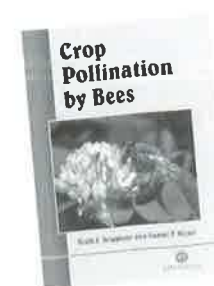
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