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Disorders; 4.11 Weaning; 4.12 Physiology of Emotions; 5 Aggression, Overcrowding and Discomfort; 5.1 Aggression; 5.2 Overcrowding and Confinement; 5.3 Discomfort; 6 Exercise
6.1 Overexertion 6.2 Endurance Riding; 6.3 Horse-racing Injuries; 6.4 Greyhound Racing Injuries; 6.5 Migration; 7 Cold; 7.1 Cold Discomfort and Pain; 7.2 Skin Freezing and Chilblains; 7.3 Hypothermia; 7.4 Sensitivity to Cold; 7.5 Hypothermia and Cold Survival; 7.6 Cold in Combination with Starvation; 7.7 Cold-induced Analgesia; 8 Heat and Burns; 8.1 Heat Stress; 8.2 Heat Intolerance; 8.3 Some Species Differences; 8.4 Pain; 8.5 Burns and Scalds; 9 Thirst and Hunger; 9.1 Thirst and Dehydration; 9.2 Overhydration; 9.3 Osmotic Stress; 9.4 Hunger; 9.5 Underfeeding; 9.6 Emaciation
9.7 Inappropriate Diets 9.8 Forced Moulting; 9.9 Force-feeding and Overeating; 10 Pain; 10.1 The Value of Pain; 10.2 Pain Associated with Trauma; 10.3 Ways in Which Animals Express Pain; 10.4 Pain Pathways and Consciousness; 10.5 Cortical Regions; 10.6 Applied Neurology of Pain; 10.7 Pain in a Given Context; 11 Trauma; 11.1 Injuries in Selected Body Regions and Tissues; 11.2 Some Common Causes of Injury; 11.3 Intended or Avoidable Causes of Trauma; Colour plate sections falls after page 148; 11.4 Types of Injury; 12 Sickness and Disease
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Sommario/riassunto

Suffering is a state of mind that is difficult to measure and analyse in human beings and considerably more so in animals. It is related to the environment in which we live and our physical and mental states. Understanding the physiology of suffering in animals is crucial in assessing animal welfare. Written by an expert in applied welfare aspects of physiology, this book is the first to address the physiological aspects of suffering in animals. It explores the different causes of suffering - physical discomfort, thirst and hunger, the responses in the body that lead to sufferi
