

TABLE OF CONTENTS

Olfaction in Animal Behaviour and Welfare

Section 1: Setting the Scene

Chapter 1: The Nuts and Bolts of Olfaction

Chapter 2: Innateness and Learning in Olfactory Behaviour and Odour Perception

Chapter 3: Semiochemicals: Pheromones, Signature Mixtures and Behaviour

Chapter 4: Behavioural Tests of Olfaction

Chapter 5: Is There Such a Thing as a Bad Smell?

Section 2: The Role of Olfaction

Chapter 6: The Role of Olfaction in Feeding and Foraging

Chapter 7: The Role of Olfaction in Mate Selection and Reproductive Behaviour

Chapter 8: The Role of Olfaction in Maternal Care and Offspring Survival

Chapter 9: The Role of Olfaction in Disease Detection and Prevention

Chapter 10: The Role of Olfaction in Relation to Stress and Fear

Chapter 11: The Role of Olfaction in Animal Housing and as Enrichment

Section 3: Olfactory Behaviour

Chapter 12: Olfactory Behaviour in Farm Animals

Chapter 13: Olfactory Behaviour in Zoo Animals

Chapter 14: Olfactory Behaviour in Laboratory Animals

Chapter 15: Olfactory Behaviour in Companion Animals.