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Nota di contenuto	Cover; Title Page; Copyright Page; Contents; Preface; Chapter 1 - Overview of Animal Vigilance; 1.1 - Introduction; 1.2 - Definition and measurements; 1.2.1 - How to Define Vigilance; 1.2.2 - Types of Vigilance; 1.2.2.1 - Routine or Induced Vigilance; 1.2.2.2 - Anti-Predator or Social Vigilance; 1.2.2.3 - Pre-Emptive or Reactive Vigilance; 1.2.2.4 - Visual, Auditory, Olfactory or Vibrotactile Vigilance; 1.2.3 - How to Measure Vigilance; 1.2.3.1 - Measuring the State of Vigilance; 1.2.3.2 - Measuring the Markers of Vigilance; 1.3 - A history of vigilance; 1.3.1 - First Phase 1.3.2 - Second Phase 1.4 - Research themes; 1.5 - Conclusions; Chapter 2 - Function of Animal Vigilance; 2.1 - Introduction; 2.2 - Types of threats; 2.3 - Monitoring competitors; 2.3.1 - Contest Competition for Food; 2.3.1.1 - Vigilance During the Search Phase; 2.3.1.2 - Vigilance During the Exploitation Phase; 2.3.2 - Scramble Competition for Food; 2.3.3 - Competition for Mates; 2.3.3.1 - The Male Perspective; 2.3.3.2 - The Female Perspective; 2.3.4 - Modelling Social Vigilance; 2.4 - Monitoring predators; 2.4.1 - Early Detection; 2.4.2 - Incompatibility with Other Activities 2.4.3 - Modelling Anti-Predator Vigilance 2.4.4 - Temporal

Organization of Anti-Predator Vigilance; 2.5 - Advertising to predators; 2.6 - Conclusions; Chapter 3 - Causation, Development and Evolution of Animal Vigilance; 3.1 - Introduction; 3.2 - Causation; 3.2.1 - Hormonal Factors; 3.2.1.1 - Testosterone; 3.2.1.2 - Oxytocin; 3.2.1.3 - Norepinephrine; 3.2.1.4 - Cortisol; 3.2.2 - Neural Factors; 3.2.2.1 - Neural Adaptations; 3.2.2.2 - Sleep; 3.2.2.3 - Laterality; 3.2.3 - Sensory Factors; 3.2.4 - Other Physiological Factors; 3.3 - Development of animal vigilance
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5.3.3.1 - Temporal Variation in Predation Risk

Sommario/riassunto

Animal Vigilance builds on the author's previous publication with Academic Press (Social Predation: How Group Living Benefits Predators and Prey) by developing several other themes including the development and mechanisms underlying vigilance, as well as developing more fully the evolution and function of vigilance. Animal vigilance has been at the forefront of research on animal behavior for many years, but no comprehensive review of this topic has existed. Students of animal behavior have focused on many aspects of animal vigilance, from models of its adaptive value to empirical research
