



Principles of Animal Behavior

By Dugatkin, Lee Alan

W W Norton & Co Inc (Np), 2003. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Chapter 1: Principles of Animal Behavior Three Foundations Foundation 1 -- Natural Selection Foundation 2 -- Learning Foundation 3 -- Cultural Transmission Conceptual, Theoretical, and Empirical Approaches Conceptual Approaches Theoretical Approaches Empirical Approaches Overview of What Is to Follow Interview with Dr. E. O. Wilson Chapter 2: Natural Selection Artificial Selection The Process of Natural Selection Selective Advantage of a Trait How Natural Selection Operates Behavioral Genetics Mendel's Rules Locating Genes for Polygenic Traits Dissecting Behavioral Variation Animal Behavior and Natural Selection Sociobiology and Selfish Genes Natural Selection and Antipredator Behavior in Guppies Adaptation Genetic Techniques as Tools Kinship and Naked Mole Rat Behavior Coalition Formation Interview with Dr. Richard Alexander Chapter 3: Proximate Factors Ultimate and Proximate Perspectives Hormones and Proximate Causation Hormones and Helping-at-the-Nest Testosterone and Play Fighting in Rats Neurological Underpinnings of Behavior and Proximate Causation The Nervous Impulse Vocalizations in Plainfin Midshipman Mushroom Bodies, Insects, and Learning Sleep and Predation in Mallard Ducks Biochemical Factors Ultraviolet Vision in Zebra Finches Environmental Sex Determination and Sex Ratios Reptiles, Sex Determination, and Temperature Red Deer, Dominance...



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