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18. Altruism and Cooperation; Box 18.1. Use and Abuse of Altruism; Box 18.2. Hamilton's Rule; Box 18.3. How to Analyze a Kin Selection Model; 19. Evolution of Complex Societies; Box 19.1. Haplodiploid Pedigree and Relatedness; Section V. Reproductive Behavior; 20. Sexual Selection; Box 20.1. Anisogamy and the Parasitic Nature of the Origins of Sperm; Box 20.2. Sex Allocation Theory and the Fisher Condition; 21. Sexual Selection in External Fertilizers; 22. Postcopulatory Sexual Selection; Box 22.1. Multiple Mating by Females
Box 22.2. Ejaculate Expenditure and Allocation Models
23. Sexual Conflict; Box 23.1. Key Lessons from Sexual Conflict Theory; Box 23.2. Sexual Conflict as Social Selection: Insights from Selection Theory; Box 23.3. Sexual Conflict Can Fuel Evolutionary Change Leading to Reproductive Isolation; 24. Mate Choice; Box 24.1. Sensory Bias; 25. Alternative Mating Strategies; 26. Parental Care; Box 26.1. Parental Care and Life History; Box 26.2. Parent-Offspring Conflict; Box 26.3. Adaptive Offspring Sex Ratios; Section VI. Extensions; 27. Behavioral Ecology and Speciation
Box 27.1. Habitat Preferences and the Formation of New Species

Sommario/riassunto

Evolutionary Behavioral Ecology is intended to be used as a text for graduate students and a sourcebook for professional scientists seeking an understanding of the evolutionary and ecological processes shaping behavior across a wide array of organisms and a diverse set of behaviors. Chapters are written by leading experts in the field, providing a core foundation, a history of conceptual developments, and fresh insight into the controversies and themes shaping the continuing development of the field. Essays on adaptation, selection, fitness, genetics, plasticity, and phylogeny as they pertain

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