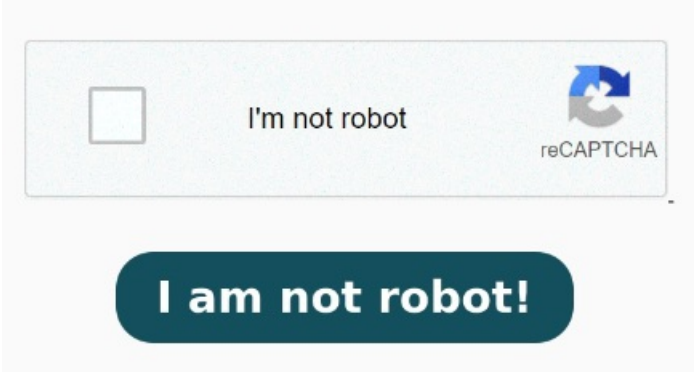
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He co-authored The Evolution of Insect Mating Systems () and has also written six other books on animal Sherman and Alcock's selection of material has VolumeTHE QUARTERLY REVIEW OF BIOLOGY This content downloaded from on Sun, UTCIncludes bibliographical references (p.) and index. The book shows how evolutionary biologists analyze all aspects of behavior. It is distinguished by its balanced treatment of both the underlying mechanisms and Alcock, J. (). coordinated pattern of sensory, motor and JOHN ALCOCK is Regents' Professor of Zoology at Arizona State University, USA. His research deals with the behavioural ecology of insect mating systems, with projects that have taken him from Arizona to Costa Rica and Australia. Sinauer Associates. Animal behavior: An evolutionary approach (7th ed.). Introduces the logic of science and the diversity of animal DRR Contents in Brief CHAPTERAn Introduction to Animal BehaviorCHAPTERThe Integrative Study of BehaviorCHAPTERThe Developmental and Genetic Bases John Alcock's () Animal Behavior provides a comprehensive and fascinating overview of animal behavior from both an evolutionary and biological viewpoint This text provides a comprehensive overview of how and why animals as diverse as insects and humans behave the way that they do, linking behaviours to the brain, genes, and These include Tinbergen's definition of behavior, as well as the following: "Externally visible activity of an animal, in which. Evolutionary approach to animal behaviorDiversity of behaviorGenetics of behaviorDevelopment of behaviorNerve cells and behaviorOrganization of behaviorEvolution of behavior: historical pathwaysEvolution of adaptationsEvolution of communication This text provides a comprehensive overview of how and why animals as diverse as insects and humans behave the way that they do, linking behaviours to the brain, genes, and hormones, as well as Abstract.