



I'm not robot



**I am not robot!**

He co-authored *The Evolution of Insect Mating Systems* (1974) and has also written six other books on animal behavior. Sherman and Alcock's selection of material has Volume 10, THE QUARTERLY REVIEW OF BIOLOGY. This content downloaded from 129.174.254.101 on Sun, 10 Jun 2012 12:00:00 UTC. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the publisher. Includes bibliographical references (p. 100) 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. (1974). *Evolution of Insect Mating Systems*. Oxford: Blackwell. 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 behavior. Contents in Brief CHAPTER An Introduction to Animal Behavior CHAPTER The Integrative Study of Behavior CHAPTER The Developmental and Genetic Bases of Animal Behavior John Alcock's (1974) *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 hormones. These include Tinbergen's definition of behavior, as well as the following: "Externally visible activity of an animal, in which the activity is underpinned by internal physiological processes." Evolutionary approach to animal behavior: Diversity of behavior, Genetics of behavior, Development of behavior, Nerve cells and behavior, Organization of behavior, Evolution of behavior: historical pathways, Evolution of adaptations, Evolution 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.