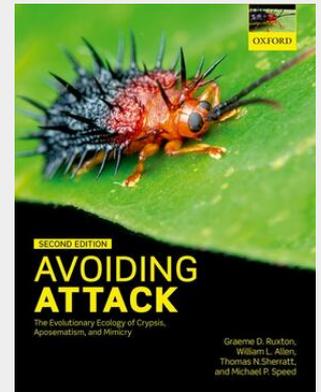Ruxton / Allen / Sherratt

Avoiding Attack

The Evolutionary Ecology of Crypsis, Aposematism, and Mimicry

Avoiding Attack discusses the diversity of mechanisms by which prey avoid predator attacks and explores how such defensive mechanisms have evolved through natural selection. It considers how potential prey avoid detection, how they make themselves unprofitable to attack, how they communicate this status, and how other species have exploited these signals. Using carefully selected examples of camouflage, mimicry, and warning signals drawn from a wide range of species and ecosystems, the authors summarise the latest research into these fascinating adaptations, developing mathematical models where appropriate and making recommendations for future study. This second edition has been extensively rewritten, particularly in the application of modern genetic research techniques which have transformed our recent understanding of adaptations in evolutionary genomics and phylogenetics. The book also employs a more integrated and systematic approach, ensuring that each chapter has a broader focus on the evolutionary and ecological consequences of anti-predator adaptation. The field has grown and developed considerably over the last decade with an explosion of new research literature, making this new edition timely.

146,50 €
136,92 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780199688678
Medium: Buch
ISBN: 978-0-19-968867-8
Verlag: Sinauer Associates Is an Imprint of Oxford University Press
Erscheinungstermin: 17.10.2018
Sprache(n): Englisch
Auflage: 2. Auflage 2018
Produktform: Gebunden
Gewicht: 853 g
Seiten: 304
Format (B x H): 195 x 251 mm