

Biology of color: the function and evolution of animal coloration

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Research on animal coloration is a vibrant area in behavioural/evolutionary ecology. One of the main areas of animal coloration research is investigating them as an adaptation to avoid predation. Camouflage is the most common form of anti-predator coloration and many animals have evolved fine-tuned behavioural strategies to improve their camouflage. However, their camouflage is never perfect, and some animals have evolved various backup defence strategies in case their camouflage fails, which are called secondary defences. In this talk, I will introduce the studies on camouflage, secondary defences, and other colour defences in animals.