

Bugs! is a live-action nature drama filmed in awe inspiring, totally immersive 3D. Shot on location in Borneo, Bugs! explores the dramatic and savage lives of a praying mantis and a butterfly, known by their Latin names, Hierodula and Papilio. The film follows the life cycles of the carnivorous mantis and the herbivorous butterfly, from their birth and metamorphosis to their inevitable encounter in the rainforests of Southeast Asia, where predator meets its prey.

This 40-minute film combines incredible footage with cutting-edge IMAX® technology to deliver an entertaining and enlightening experience about birth, reproduction and death of insects inhabiting the rainforest.

Learning materials

Bugs! is supported by a teachers' guide available to download at www.giantscreenbugs.com/teachers_guide.pdf

Film guides

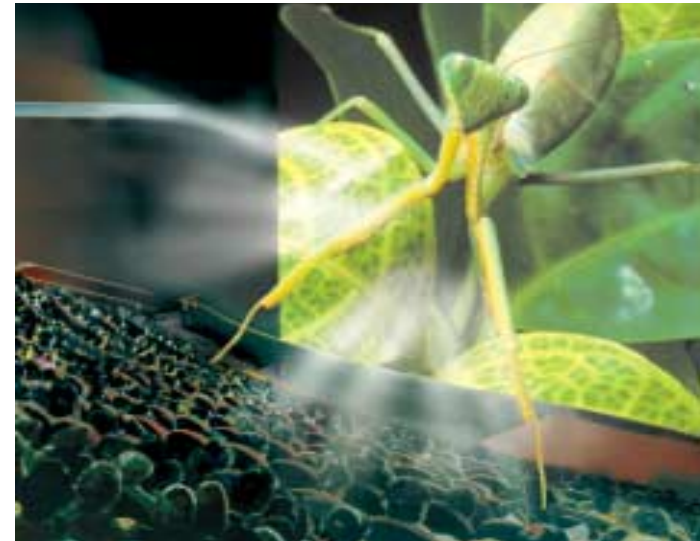
Guides for the other films now showing are also available from www.sciencemuseum.org.uk/learning/sheets

How to book

For information about costs, times and how to book please see 'Imax for education groups' at www.sciencemuseum.org.uk/learning/edgroupsimax.asp

Links to the National Curriculum

Specific curriculum links between Bugs! and the National Curriculum for Science are given on the following page.



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| <p>Science Key Stage</p> <p>KS1</p> | <p>National Curriculum (Life processes and living things)</p> <p>Life processes 1b) animals, including humans, move, feed, grow, use their senses and reproduce.</p> <p>Humans and other animals 2b) humans and other animals need food and water to stay alive. 2f) humans and other animals can produce offspring and that these offspring grow into adults. 2g) about the senses that enable humans and other animals to be aware of the world around them.</p> |
| <p>KS2</p> | <p>Life processes 1a) life processes common to humans and other animals include nutrition, movement, growth and reproduction. 1c) links between life processes in familiar animals and plants and the environments in which they are found.</p> <p>Humans and other animals 2e) humans and some other animals have skeletons and muscles to support and protect their bodies and to help them to move.</p> <p>Living things in their environment 5a) ways in which living things and the environment need protection.</p> |

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| <p>KS2</p> | <p>5b) about the different plants and animals found in different habitats. 5d) use food chains to show feeding relationships in a habitat. 5e) how nearly all food chains start with a green plant.</p> |
| <p>KS3</p> | <p>Living things in their environment 5b) habitats support a diversity of plants and animals that are interdependent. 5c) some organisms are adapted to survive daily and seasonal changes in their habitats. 5e) about food webs composed of several food chains, and how food chains can be quantified using pyramids of numbers.</p> |
| <p>KS4</p> | <p>Living things in their environment 4a) the distribution and relative abundance of organisms in habitats can be explained using ideas of interdependence, adaptation, competition and predation.</p> |