

Looking at insects **Butterflies** and **Moths**

Butterflies and moths are related.

Both have bodies that are divided into the same three sections, all insects have. These are the head, thorax and the abdomen.



Butterflies fly during the day, but not all moths fly at night. Many people think that this is the difference between a butterfly and a moth. The two main differences are in the antennae.

Butterflies have what is called a simple 'clubbed' antenna, but moths have a variety of types.



Butterfly antenna



Moth antenna



The antennae are used to detect scents and smells and are attached to the top of the head, between the large, round eyes.

Both butterflies and moths have six legs, although some butterflies only ever use four legs for walking.

Another major difference between butterflies and moths, is their resting position. Butterflies always hold their wings upright, over their bodies. Moths rest with theirs held flat to the surface.



They all have four wings for flying, but there are some female moths, that have very small wings and cannot fly at all.