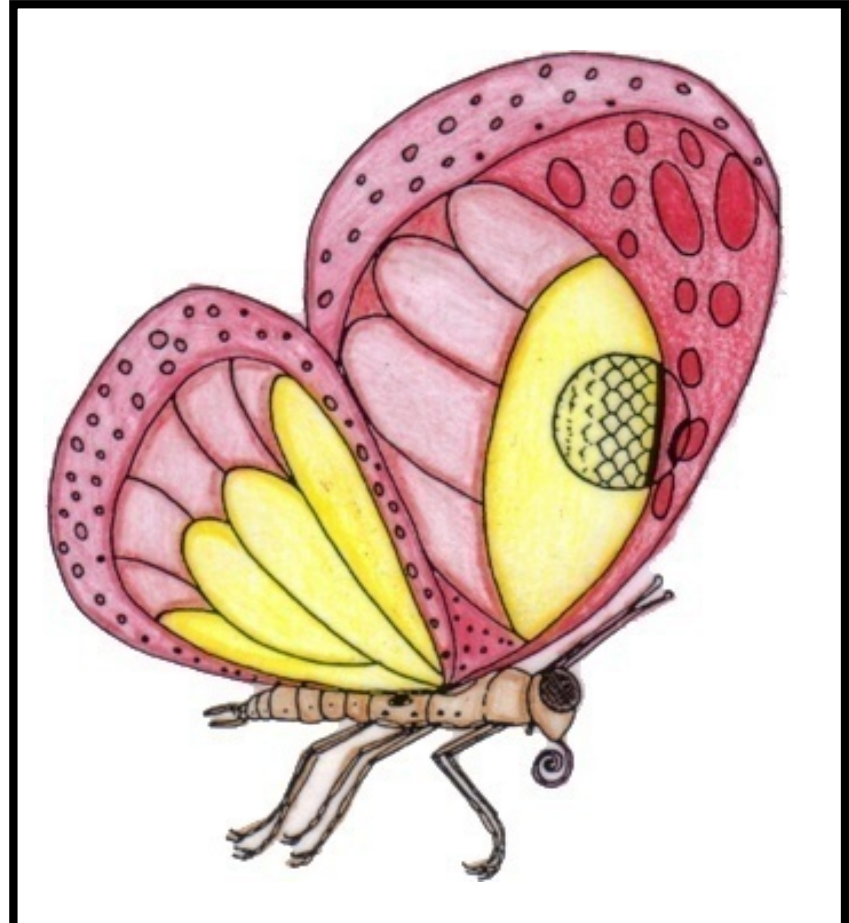


Parts of a butterfly



Parts of a butterfly



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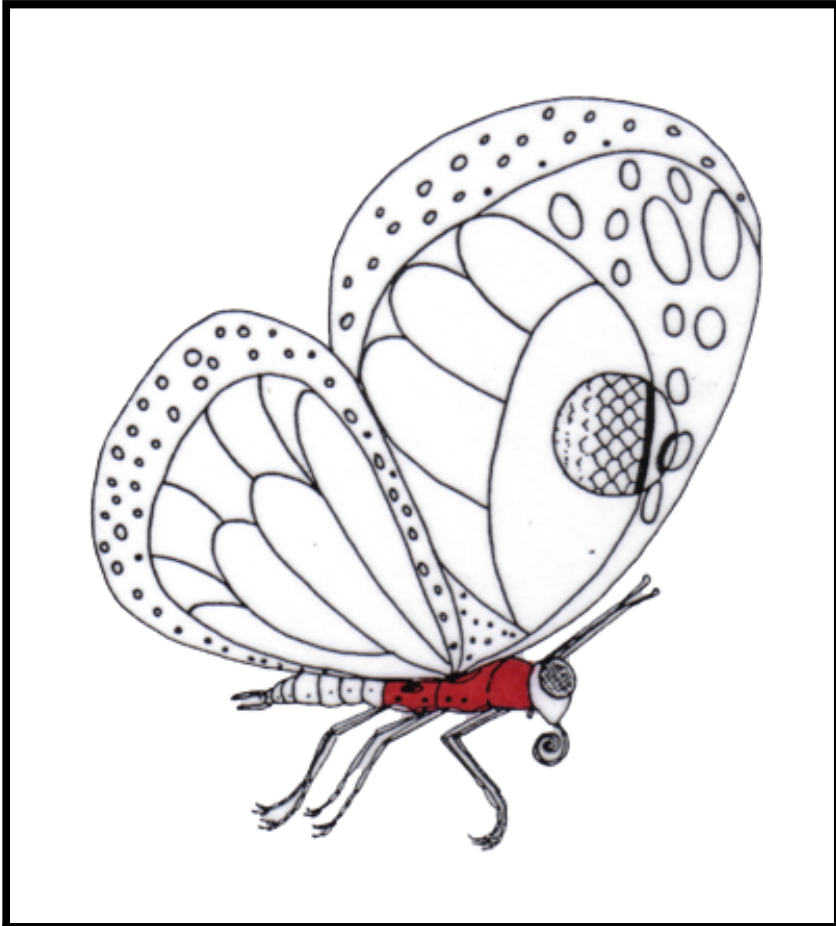
This member of the Phylum Arthropoda, Class Insecta, Order Lepidoptera is a flying Insect with two pairs of delicate wings. It has three pairs of jointed wings and a proboscis through which it sips nectar.

butterfly

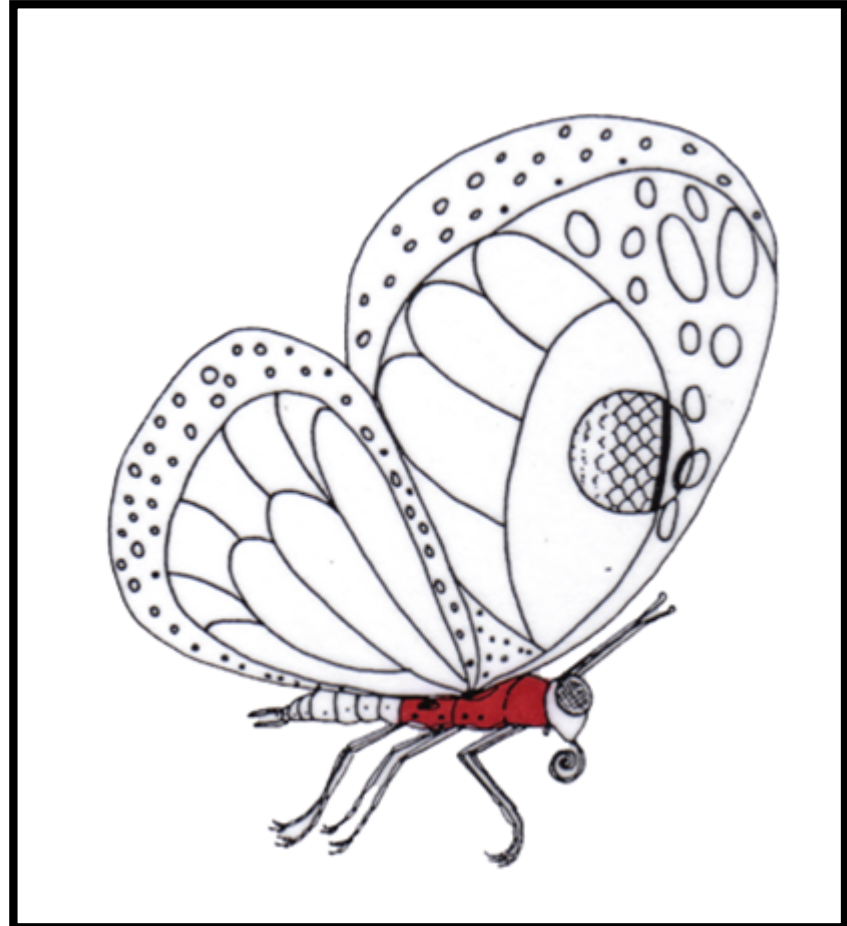
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butterfly





thorax



thorax



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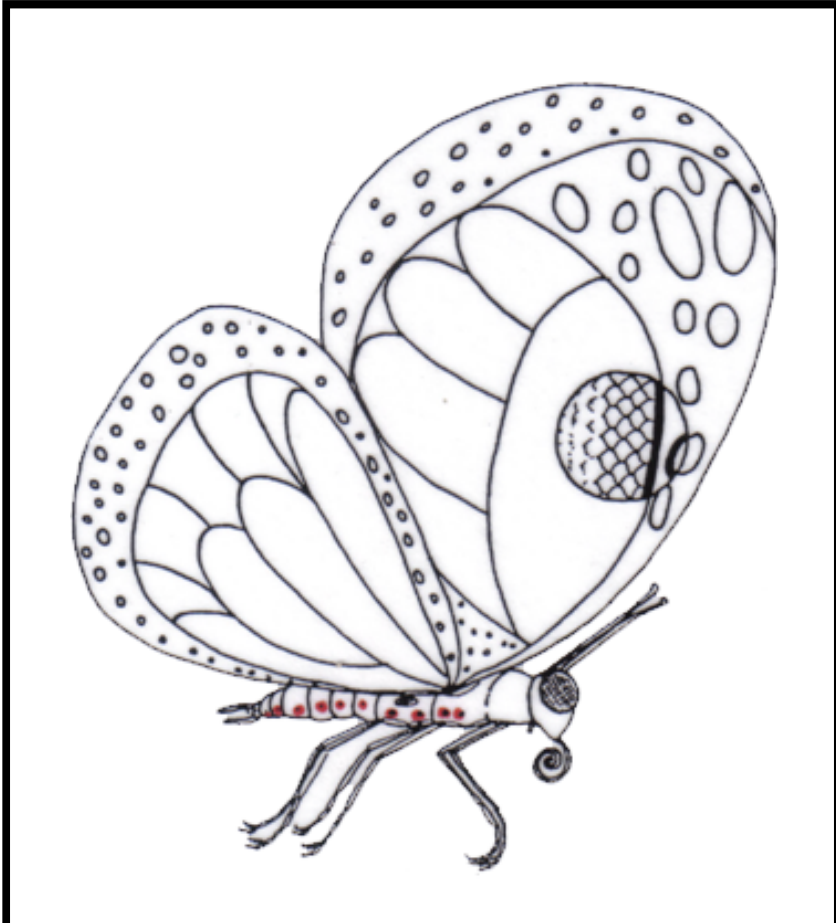
This is broken into three segments, each with a pair of jointed legs. Four wings are attached to two of the segments. On the second and third segments the spiracles are found and in many families the auditory organs are found on the third segment, or metathorax

thorax

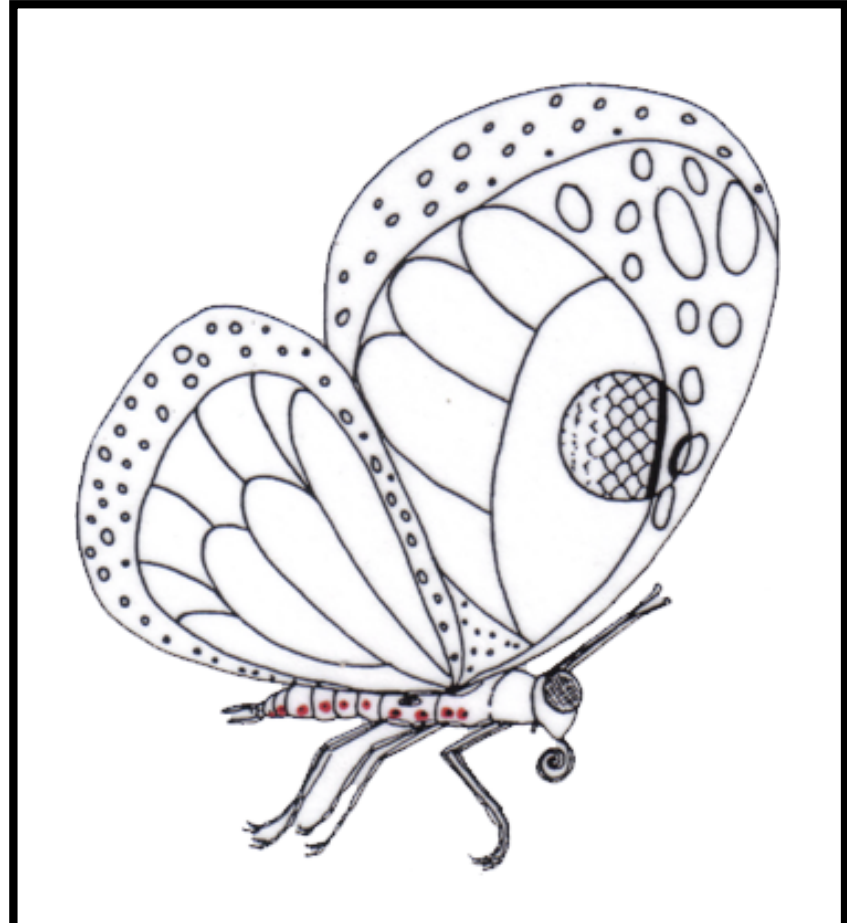
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thorax





spiracles



spiracles



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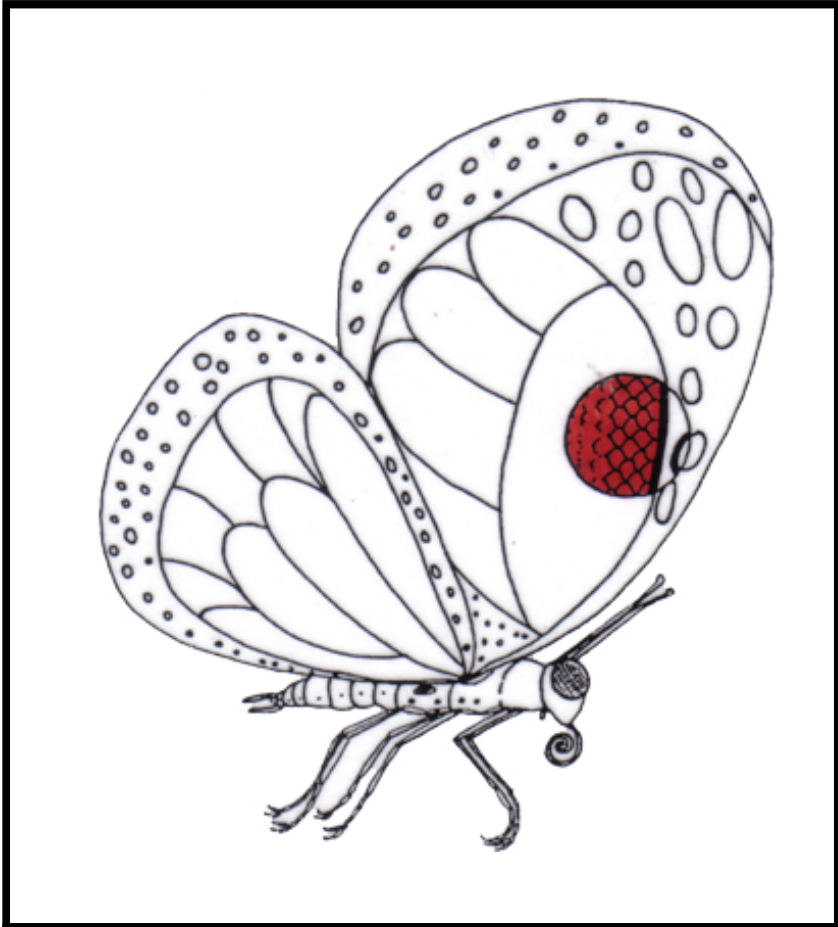
These openings along part of the thorax and abdomen allow air to be pumped in and out of the trachea with help from movement of the wings and abdomen

spiracles

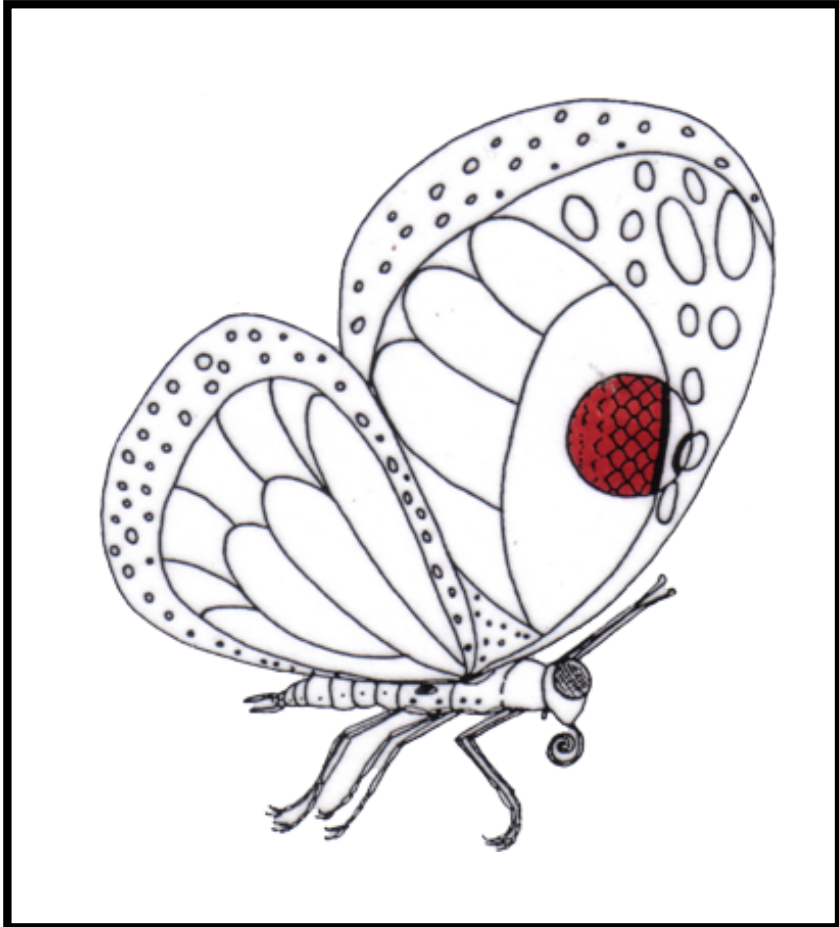
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spiracles





scales



scales



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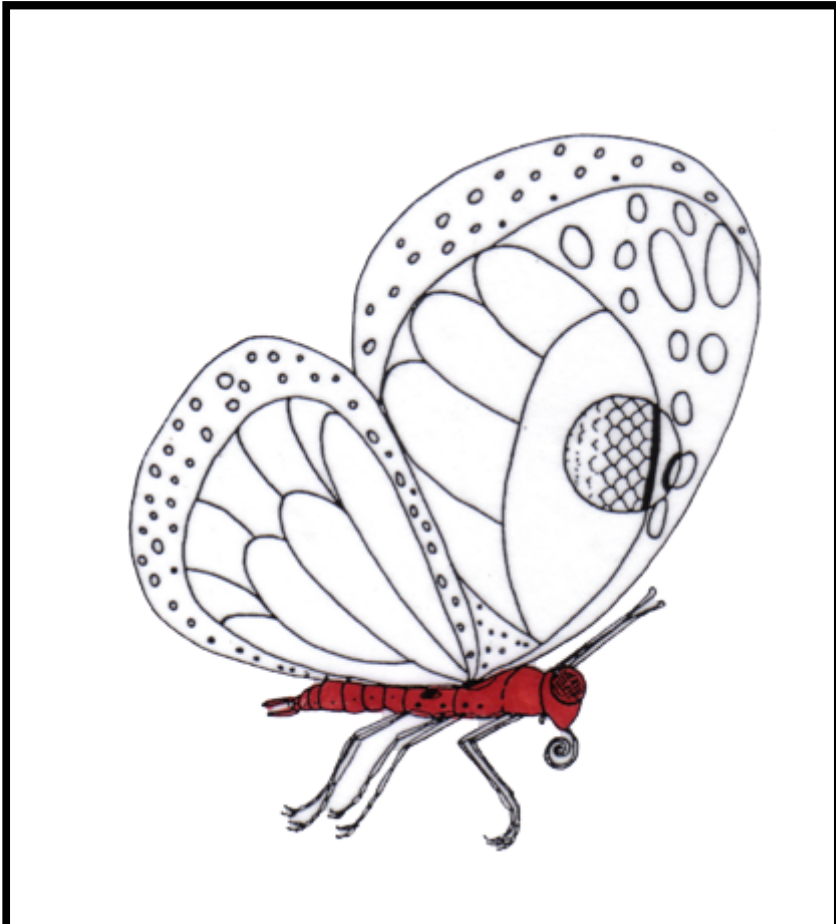
These are tiny overlapping shingles, which give the wings a distinctive color and pattern when light is reflected off them.

scales

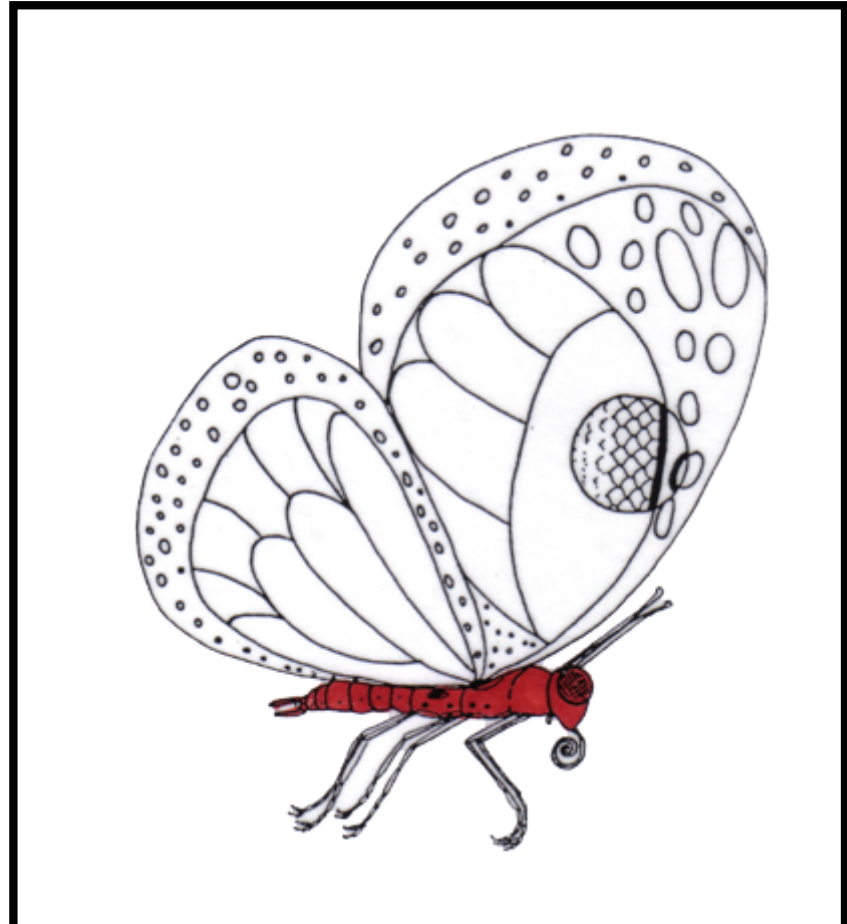
These are tiny overlapping shingles, which give the wings a distinctive color and pattern when light is reflected off them.

scales





body



body



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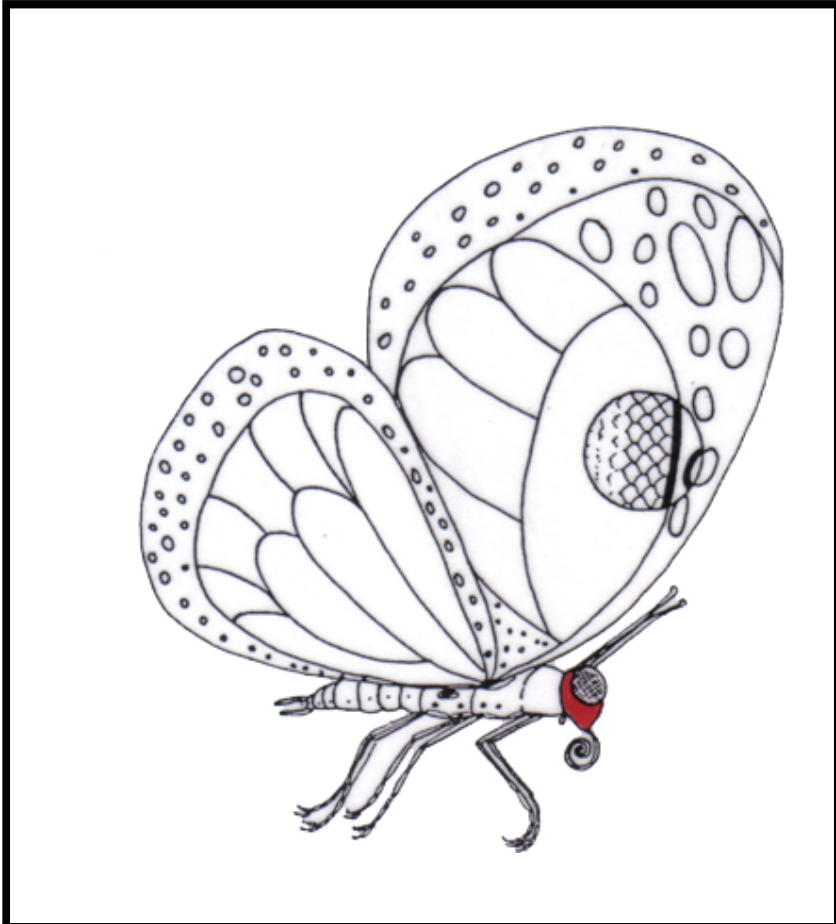
The butterfly has a head
thorax and abdomen.
These parts are usually
brown or black in color.

body

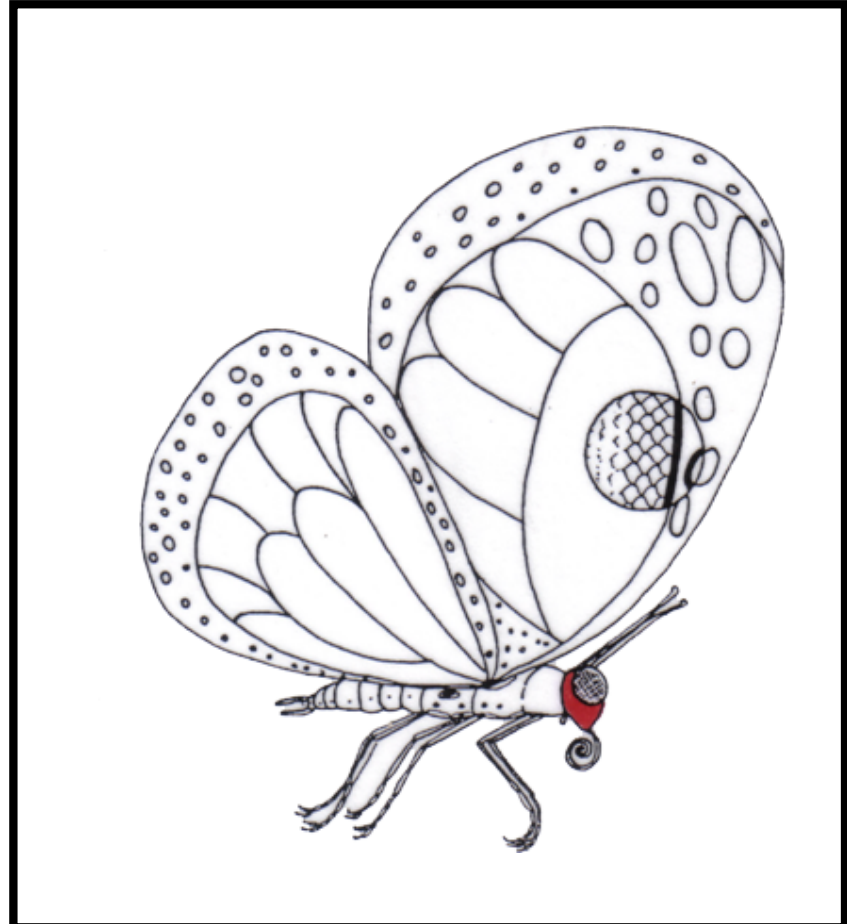
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body





head



head



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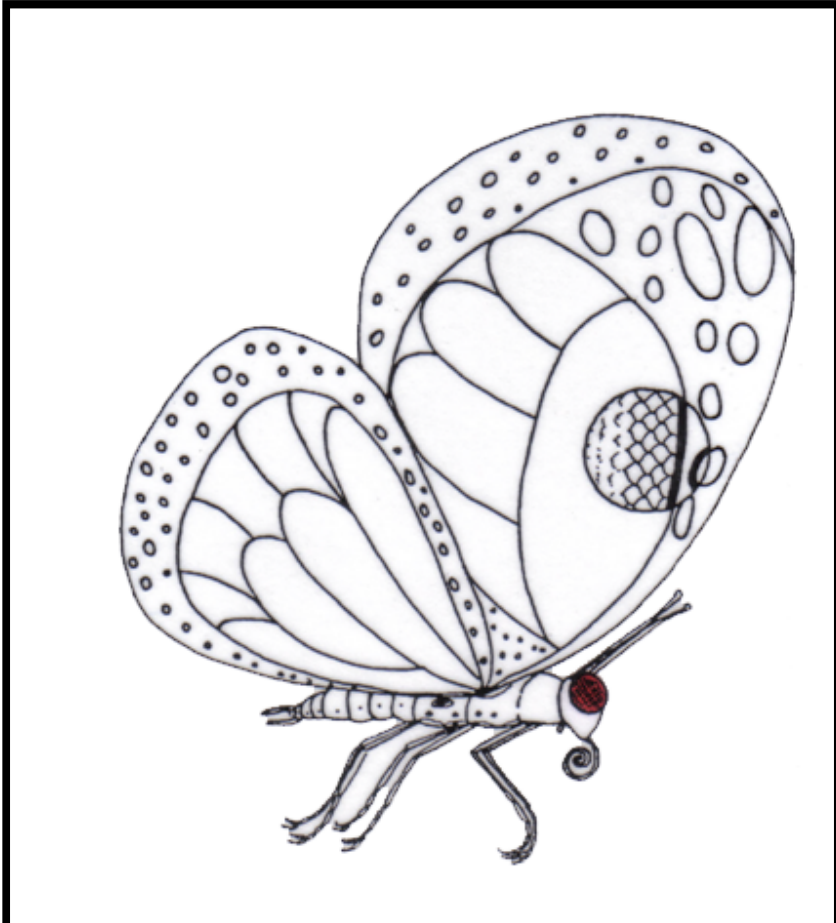
Two long antennae originate from here as well as a pair of ocelli, the mouth and sensory organs.

head

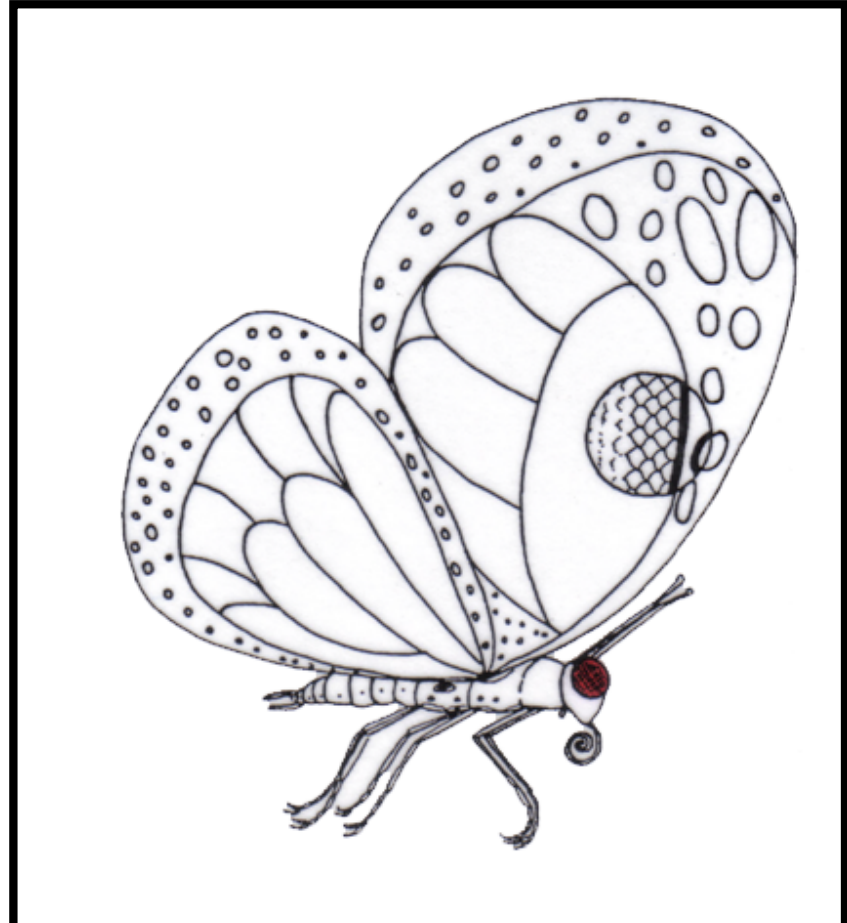
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head





eye



eye



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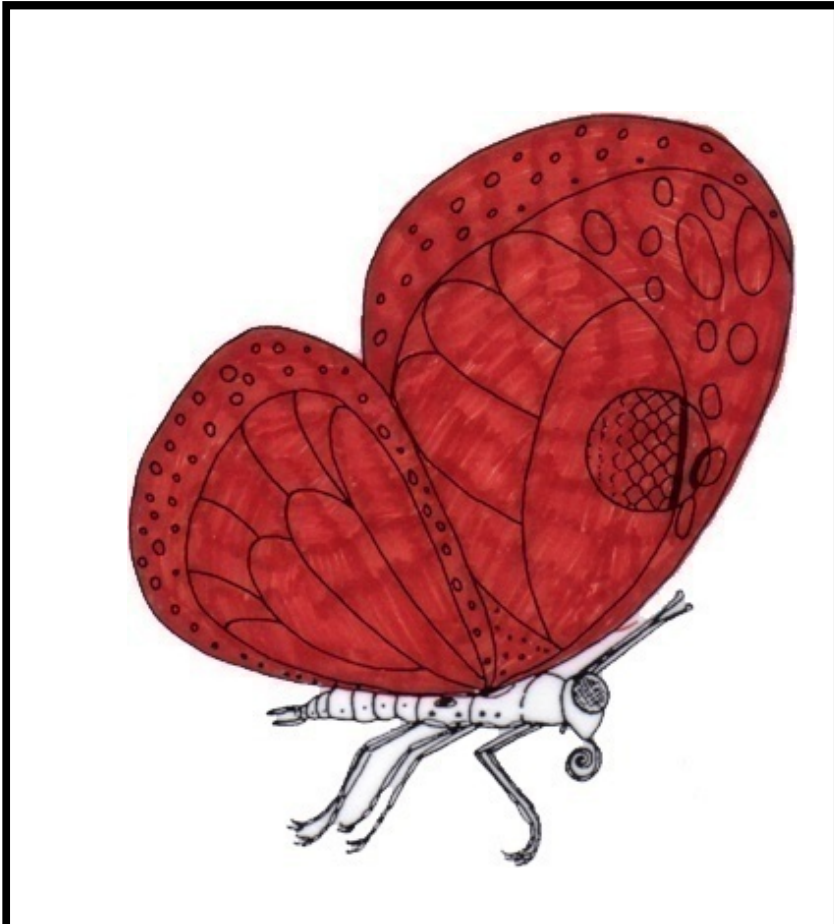
There is a large compound set of these organs of vision on each side of the head and some butterflies also have a second simple set above the compound set.

eye

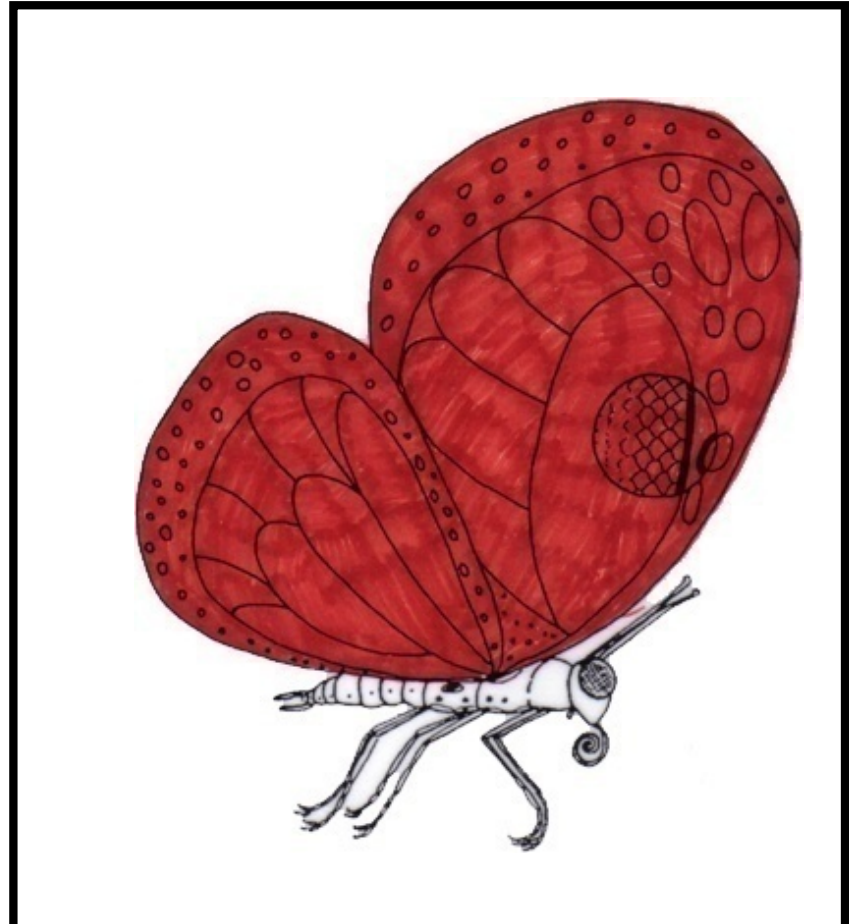
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eye





wings



wings



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Butterflies have two pairs of these, which enable flight.

They are thin, brightly colored and covered in scales. Their hollow ribbing, or veins provide support.

When at rest these are folded in an upright position.

wings

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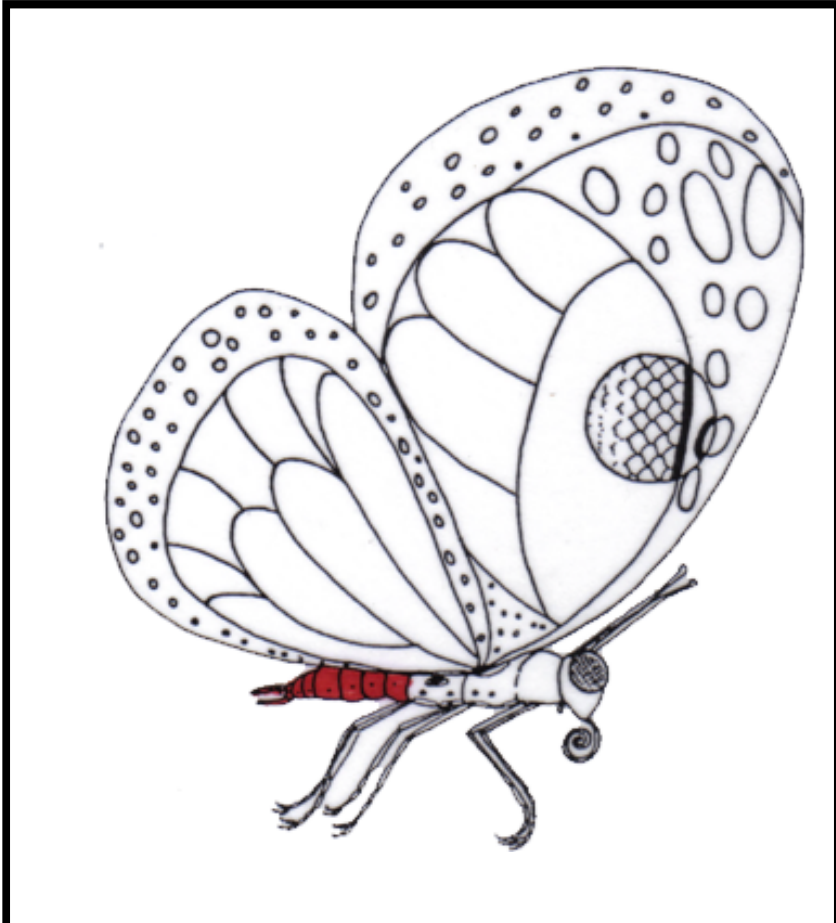
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wings

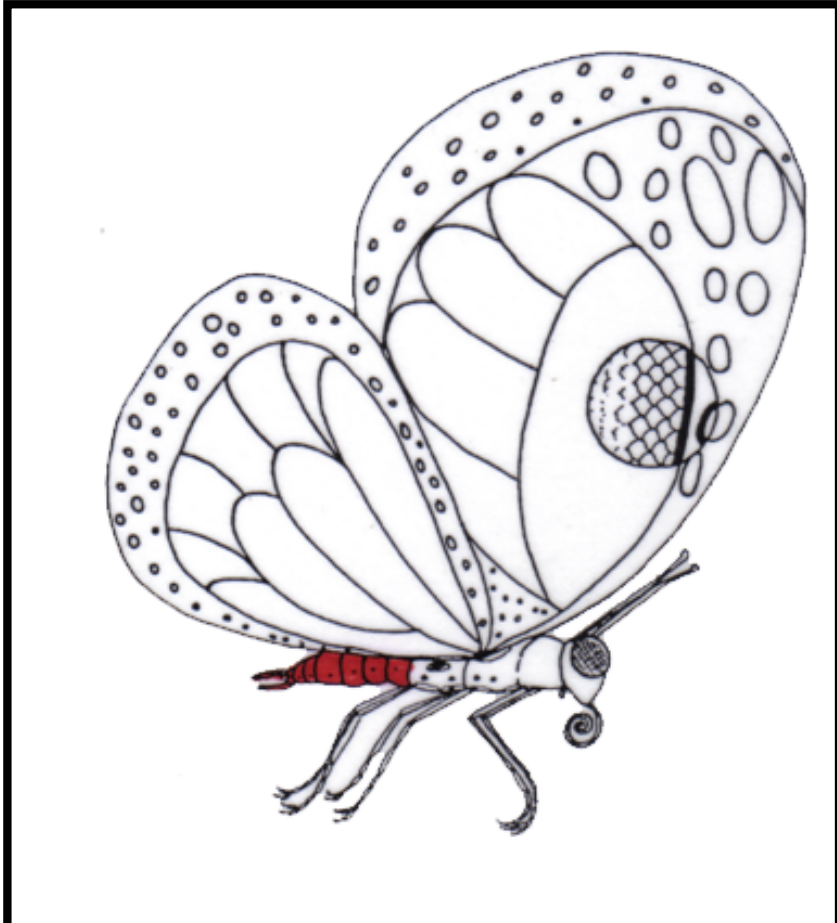


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abdomen



abdomen



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This is the segmented
latter portion of the body
containing genitalia and
spiracles.

abdomen

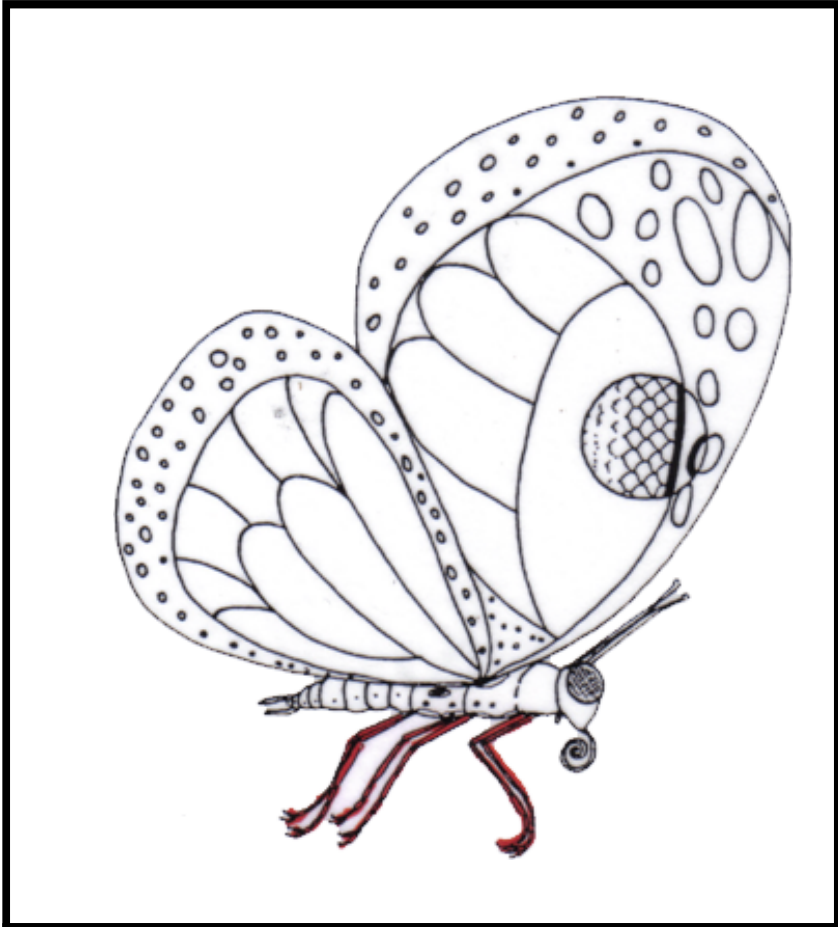
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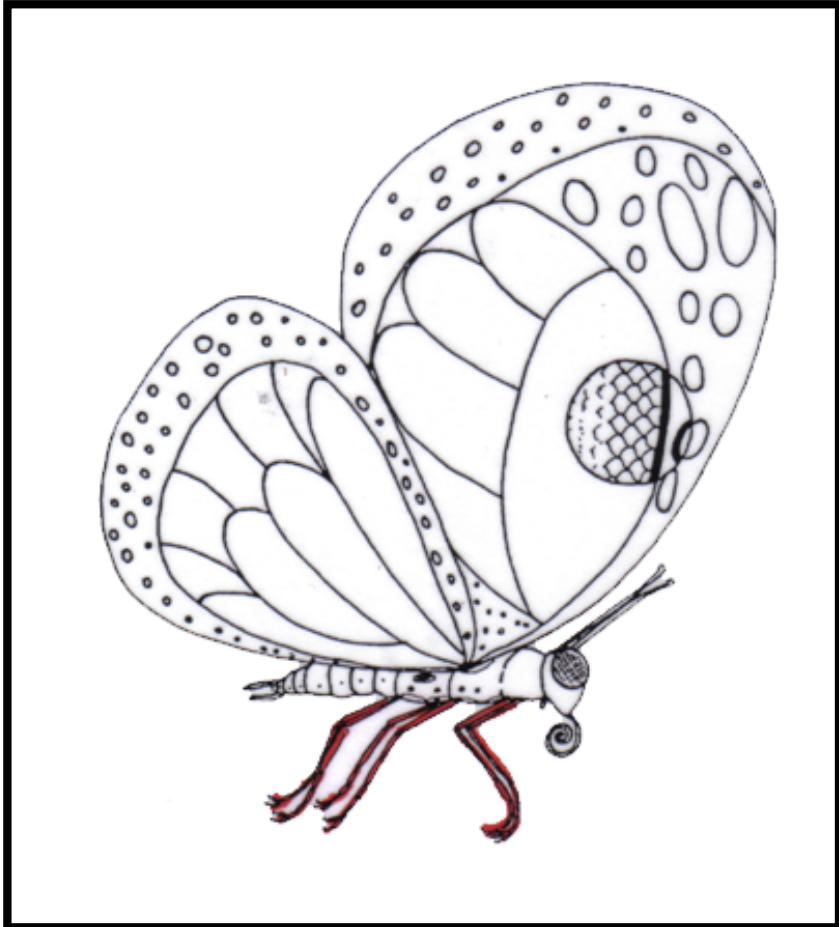


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legs



legs



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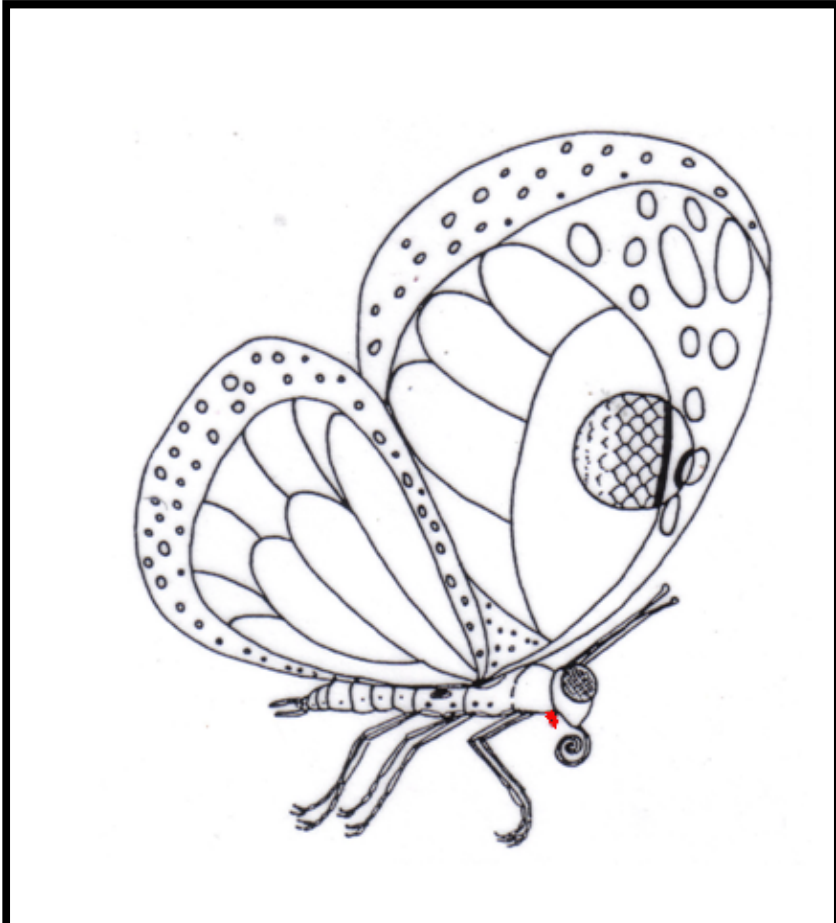
Butterflies have three pairs of these long jointed appendages.
Some species have taste buds on the soles and distal ends.

legs

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Some species have taste buds on the soles and distal ends.

legs





mouth



mouth



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This long, coiled tube-like tongue is used to suck nectar. It has evolved from mouth parts that used to chew.

mouth

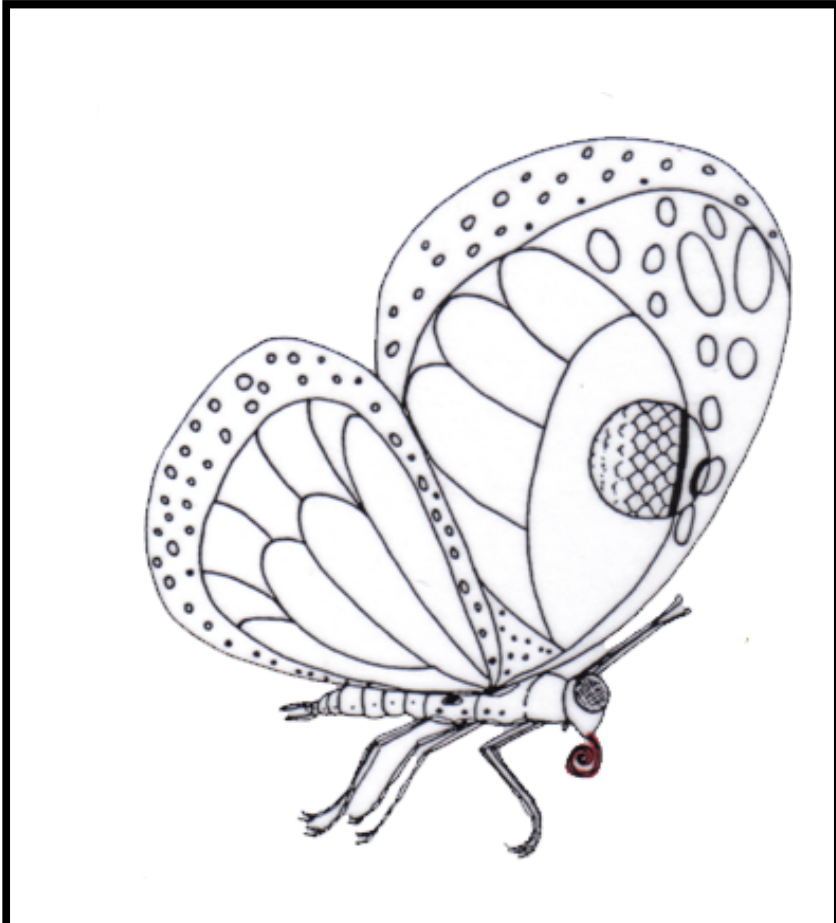
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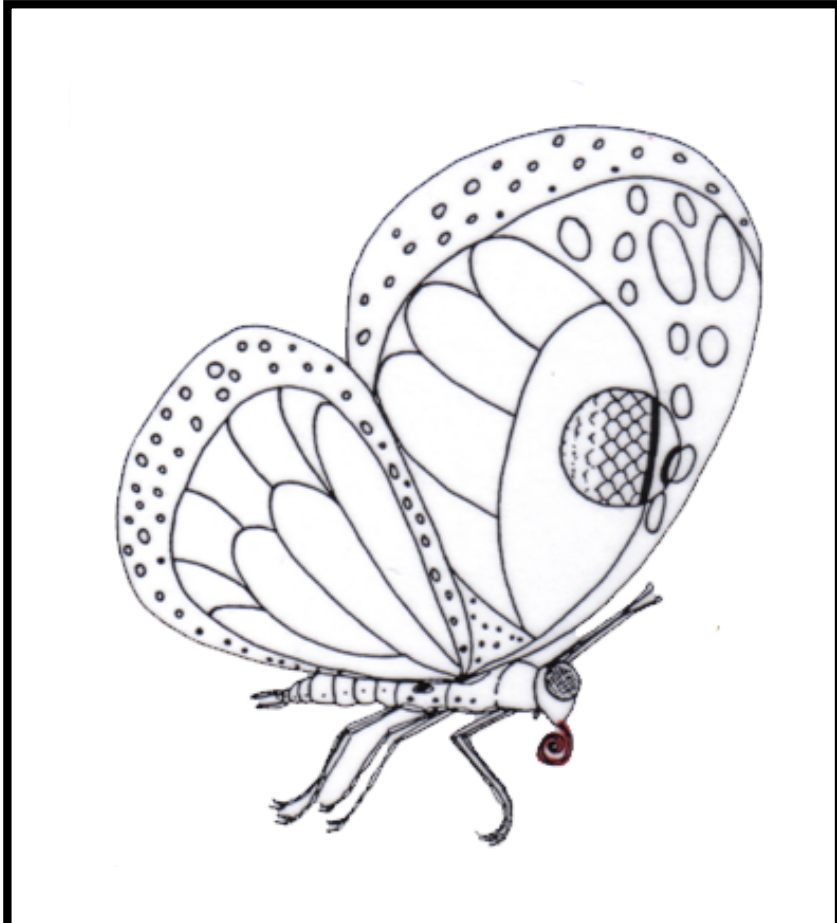


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proboscis



proboscis



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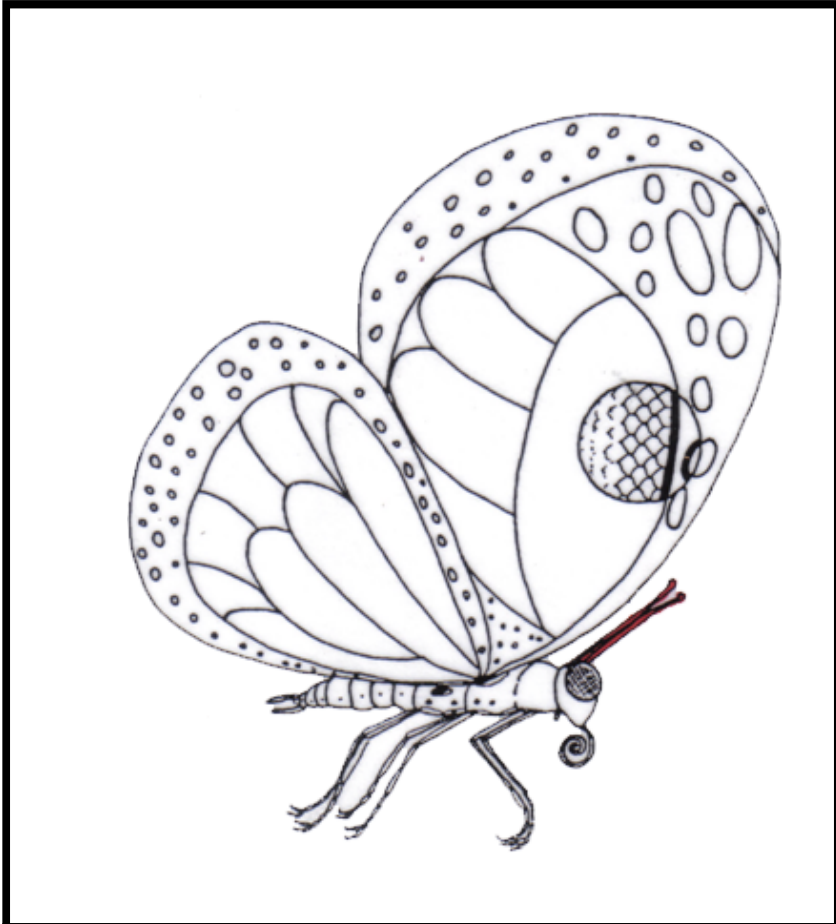
This is comprised of two pairs of sensory palpi and a proboscis.

proboscis

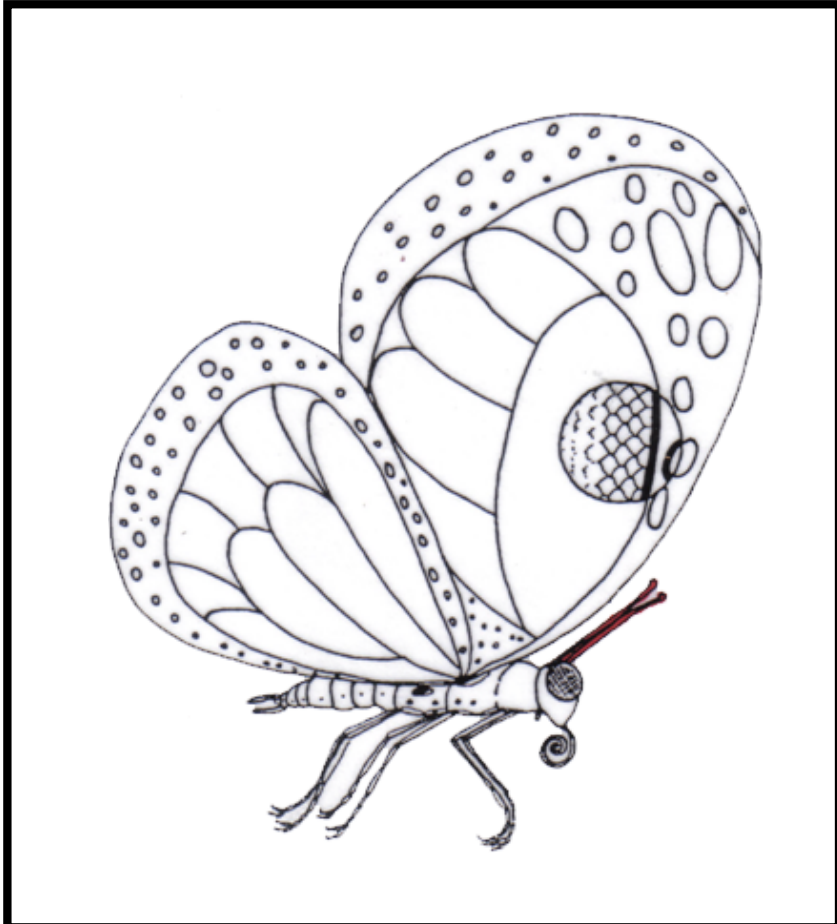
This is comprised of two pairs of sensory palpi and a proboscis.

proboscis





antennae



antennae



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These are segmented
smell and touch sensors
with knobs at the ends.
They can have from 7 –
1000 segments.

antennae

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