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PRACTICAL ZOÖLOGY.



THE GRASSHOPPER.

THE PARTS OF THE BODY.

1. The foremost, or **anterior**, part is the **head**.
2. The middle part is the **thorax**.
3. The hinder, or **posterior**, ringed part is the **abdomen**.

THE HEAD.

1. Notice its shape and mode of attachment to the thorax.
2. Two slender projections, the feelers, or **antennæ**. Observe how and where they are attached to the head. Use a lens to count the parts, or **segments**, of which each antenna is composed.
3. Note the situation and shape of the eyes. Examine one of the eyes under a microscope, using a one-inch objective; make a drawing of what you see. These eyes are **compound**, and each of the parts is called a **facet**.
4. Just in front of the compound eyes look for a pair of simple eyes, the **ocelli**. Find a third ocellus on the head, using a lens if necessary.
5. At the lower part of the front of the head is a movable flap, the upper lip, or **labrum**; raise it with the