



HIND LEGS OF THE WORKER HONEY-BEE

Showing the Pollen-Collecting Apparatus
DRAWN BY F. W. L. SLADEN, F.E.S.

(For explanation of parts, see opposite page.)

HIND LEGS OF HONEY-BEE

Explanation

(See engraving

1.—Outer side of tibia which is bare and constitutes the corbicle; here the pellet is deposited. 2.—Brush on the metatarsus or basitarsus here the moistened pollen is combed out of the metatarsus. 3.—Comb on the tibia which pollen is combed out of the metatarsus. 4.—Projection on the metatarsus into which the pollen is pressed. 5.—Auricle; this, when extended, enters the corbicle and pushes the pollen out of it. 6.—Working surface bearing pointed teeth in the direction the pollen is pushed. 7.—Hairs on the outer side of the tibia for guiding the pollen into the corbicle. 8.—Limen, or corbicle, covered with stiff hairs which helps to hold the pollen. 9.—Wall of stiff hairs on the corbicle for holding a great mass of pollen. 10.—The numerous little hairs on the corbicle which are pushed on to it by the auricle. 11.—Hair situated some little distance from the entrance of the corbicle which prevents a mass of pollen from being pushed out before it is enough to be held by the sides.

The metatarsus of the hind leg is used to pat the pollen into the corbicle.

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