

play no part in this proboscis-like structure, which is composed entirely of lower lip and lower jaws, both greatly lengthened.

The eggs of all bees are laid in cells of one kind or another in which the larvæ develop. Sometimes they are fed by the adult



Fig. 2. A, queen; B, drone of honey bee (*From Cheshire.*)

bees and sometimes a supply of food is stored in the cell so that after the egg is laid and the cell is completely closed the mother has no more responsibility for the growth and development of her offspring.

It is among the higher and more specialized bees that we see for the first time the extraordinary community life which is developed among them and certain other Hymenoptera, such as certain social wasps and ants, and practically nowhere else, except among the so-called white ants or Termites, which belong to quite a different order. With the social bees we find a most perfect communism; each individual works for the good of the community, and thus only indirectly for its own ends.

In the evolution of this community life strange things have happened. There has come to be a class of individuals which are practically sexless, and are called neuters or workers. These individuals do the mechanical work of the community. They are really structurally females in which the development of the sexual organs has ceased at a certain point. They are undeveloped and infertile females. The other two sexes are represented, but the number of true females, or queens as they are called, is small, only a sufficient number being found to supply eggs for the perpetuation of the community. The males are aptly termed drones, since they are drones in comparison with the active and