

other is slain. And yet it is a singular fact that the great and wise Creator has so ordered it that it is impossible for both to be stung at the same instant.

Ques. 3. What benefit is the queen to the colony ?

Ans. The queen is the mother of the whole colony. Every egg is deposited by her. This fact is easily proven by removing the native queen from a stock of black bees and introducing an Italian mother in her place. If the change is made in June, in three months scarcely a black bee will be found in the colony. The queen will sometimes lay eggs every month in the year in strong stocks, but will lay the most in May and June. At this season she will frequently lay two or three thousand per day.

Ques. 4. How long will a queen live ?

Ans. Probably the average age of the queen is not more than three years. I have known instances where queens attained the age of five years, but they are seldom very prolific after the first three years of their life. The bodily strength of the queen is greater than that of either the workers or the drones. She is also more tenacious of life. It takes more pressure to kill her, and even when crushed, her body frequently will show signs of life for hours.

Ques. 5. When the queen dies or is taken away, what is the result ?

Ans. The worker bees miss her. In an hour or two afterwards they become alarmed. Usually they set up a loud buzzing. They run up at the sides of the hive and all over the stand. They will fly away a short distance and back again. They run to each other, and strike their antennæ together. If there is a young worker brood or there are eggs in the cells at