

THE DISTRIBUTED HONEYBEE STOCKS IN ARMENIA AND THEIR PROPAGATION

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Caucasian grey mountain and Armenian yellow aboriginal honeybees of Meghri population are distributed in Armenia. The length of beak of Caucasian grey mountain bees is 6,6-7,2 mm, the weight of an one-day-old worker bee-90 mg, the weight of an one-day-old queen-180 mg, for a fertilized queen-200 mg, which can lay 1100-1500 eggs a day.

The length of beak of Armenian yellow bees of Meghri population is 6,6-7mm, the weight of an one-day-old worker bee is 103 mg, the weight of an one-day-old queen-182 mg, for a fertilized queen-240 mg, which can lay 1500-2000 eggs a day, in record colonies-up to 3000 eggs. Covering a hive with huge quantity of propolis is a typical feature of these bees. The low quantity entrance of nectar (100-200 g daily) to a colony makes bees peace-loving, the instinct of aggression disappears. It is often observed jointly living of old and new fertilized queens in the period of changing the old by bees. Observations showed that both queens lay eggs and don't tend to meet each other, they aren't mistreated by worker bees. In this way they can live up to a month or longer. Meeting by chance queens fight and the young defeats.

It is found out that in conditions of Armenia queens, depend on region and weather, may be reared since at the end of March.

The experiments showed that 3 types of micronuclei may be used for fertilizing queens-two-part, four-part and eight-part. The more desirable type of micronucleus is the two-part, three-frame. In each part of this small box 3 frames are embedded that are in 1/3 435x230 mm size. The frames construction gives opportunity to get one 435x230 mm size frame by joining 3 smalls (1/3 435x230 mm size). It was obtained up to 4 fertilized queens from each part of the two-part micronuclei during one apiarian season.