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A Nest Restoration Case by Bombus (Megabombus) argillaceus (Scopoli, 1763) (Hymenoptera: Apidae) from Turkey

Çiğdem Özenirler, Kürşat Koyuncu, Demet Töre, Fatih Dikmen*, Ahmet Murat Aytekin

*Hacettepe University, Faculty of Science, Department of Biology, 06800, Beytepe, Ankara, Turkey
*Corresponding Author: dikmen@hacettepe.edu.tr

Bombus (Megabombus) argillaceus (Scopoli, 1763) is one of the widely distributed species in Turkey. However, there is little information about its nest architecture. Here, we defined a case of nest restoration by B. argillaceus from Kahramanmaraş province of Turkey. It was found that the nest previously had been used by a small wasp colony, then after invaded and reused by B. argillaceus queen. Nest site characteristics, architecture, and material were analyzed. One queen, 12 workers and 15 male specimens were recovered from the nest. 38 brood cells with 32 male and two female pupae were found. Also, six empty brood cells and eight honey pots were discovered in the nest. The sizes of all brood cells with pupae were measured. The plant compositions of surrounding area of the nest were determined.