

The diploma thesis deals nesting behavior of the solitary bees Colletidae, Megachilidae, Mellitidae, Halictidae.

The bees were monitored in their natural environment in the years 2009 – 2010. Course of their daily activities, number of nests per female, length of stay in the nest, length of life, active days and other species characteristics were monitored. By comparing the different nesting behavior patterns of the monitored species were found and pointed out the ones that are common and the unique ones. A nest usurpation occurred (at all colonies) regardless the species. The (research) literature does not address the issue of nest usurpation in detail.

Key words: nesting behavior, usurpation, aggression, bees, Hymenoptera