

## OBSERVATIONS ON THE EXISTING CARBIDE SPECIES IN THE APPLE ORCHARDS

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### Abstract

In this paper new contributions are made to the knowledge of the species of carabids in a fruit tree apple of Delesti in the Vaslui country. The material was collected from May to September throughout the research period, using Barber traps. From the biological material collected, all species collected have been listed and determined and only the species belonging to the Carabidae family have been selected afterwards. In the period of the observations were collected throughout 1573 specimens of harmful and useful insects, so 795 were collected in 2018 for 11 species, and 778 were collected in 2019 for 33 species. Analysis of the collected material was found the most frequency species was: *Carabus coriaceus* L., *Pseudophonus rufipes* Mull., *Opatrum sabulosum* L., *Phyllotreta vittula* F., *Phyllotreta nemorum* L., *Formicomus pedestri* Anyso *dactylus binotatus*, *Harpalus distinguendus*, *Harpalus calceatus*, *Harpalus tenebrosus*, *Harpalus griseus*, *Amara crenata*, *Harpalus tardus*, *Metabletus truncatulus*, *Amara aenea* si *Harpalus pubescens*.

**Key words:** species of carabids, Barber traps, apple