

# OBSERVATIONS REGARDING THE STRUCTURE AND DYNAMICS OF THE EXISTING EPIGEUS ENTOMOFAUNA IN THE APPLE FRUIT TREE PLANTATIONS

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## Abstract

Observations on epigeus entomofauna were made during 2019 in a apple fruit tree plantation owned by SC Loturi Service SRL, Delesti, Vaslui County. The harvesting of the biological material was done with soil traps type Barber and with the beeting method, from May to August inclusive. The collected material was cleaned from plant debris and then prepared for identification at order of insects, and in the coleoptera species these were determined to species level. The analysis of the collected material shows that the specimens collected belong to the *Hexapoda* class. Most of the specimens collected belong to the *Insecta* class. The most common species were: *Dermestes lanarius*, *Anysodactilus binotatus*, *Harpalus distinguendus*, *Cantharis fusca*, *Tachyusa coarctata*, *Otiorhynchus pinastri*, *Amara aenea* and *Microlestes minutulus*.

**Key words:** epigeous; apple orchards; dynamics