

## **STRUCTURE, DYNAMICS AND ABUNDANCE OF SPECIES OF BEETLES (ORDER *Coleoptera*) FROM POTATO CROPS**

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### **Abstract**

The insects are the essential components from the fauna from the interior of the agricultural biocenosis and ecosystems. Some species are harmful and other can be predatory for this and have a great importance in maintaining of the equilibrium in the agricultural biocenosis. The collecting of the material was made in the year 2012 from the one potato culture at the Agriculture Research and Development Station of Suceava and from other comparative culture where some chemical treatments were made at the same research station. The collecting method of the material was using the soil traps Barber type. Analyzing the obtained data, it can be observed that at the untreated variant it were three carbides species: *Anisodactylus signatus* Panz., *Aphtona euphorbiae* Scrhk., *Pterostichus cupreus* L. At the treated variant it was observed the same species, but with smaller number of species, the main species being *Aphtona euphorbiae* Scrhk.

**Keywords:** soil traps, potato cultures, carbides