



Dinamica numărului de indivizi de *Drosophila Melanogaster* în urma tratamentului cu decoctii de *Helleborus Purpurascens*

Laura BUBURUZAN, Ioana Anca IEREMIE, Elena Cristina ROSU - Universitatea "Al. I. Cuza" Iași

The purpose of this study was to catalogue the number of the descendance's individuals of *Drosophila melanogaster*, coming from two successive generations, F1 and F2, after the treatment with three different concentrations of *Helleborus purpurascens* decoction, C1, C2 and C3. The results were compared with those obtained on the control group. The dynamics of the individuals' number has been monitored for 11, for the two generations. For the F1 generation it could be noticed a decreasing of the individuals' number at the C1 and C2 concentration comparing to the control, while the C3 concentration stimulated the breeding. The same proportion of the results was also notified for the F2 generation where the C3 concentration was the one which determined an increasing of the individuals' number.