
PS-032. A Environmental Friendly Insects is *Tenebrio molitor* (Coleoptera: Tenebrionidae)

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Tenebrio molitor is a species of darkling beetle (order Coleoptera), which produces larvae that are commonly called mealworms. Acting as decomposers in the natural environment, they feed on decaying plant materials and dead insects. In addition, as a result of its easy handling and non-fastidious culture conditions, *T. molitor* is used as a pet food, an educational material, and as a biological research model. I am interesting in this insect as a biological research material firstly. One day I saw this insect eat styrofoam. I prepared a special aria for experiment and I put it a box and it include only strafoam. I checekt it after 10 days and i saw it which eat strafoam. We can use this insect as a strafoam degradation. Because the insect gut is a distinctive habitat for microbial colonization. Bacterial communities are thought to perform many roles that are beneficial to their food.

Anahtar Kelimeler: enviromental friendly, alternatif, *Tenebrio molitor*