

P92. HOW DID THEY POISON ME?

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Forensic entomotoxicology tries to enlighten into cases of death, where a death occurs due to drug or toxins, through the analysis of the insects. Entomotoxicological data is used to support the evidence where an available tissue cannot be found for such analysis. These analyses are conducted with the larvae, pupae and the adults of thearthropod family specieses such as the Muscidae, Calliphoridae andthe Staphylinidae. The purpose of this study is to examine toxicological analysis of the insects which belong to the cases that involves deaths by poisoning. Forensic entomological analysis related articles have been searched and examined.

Toxicologic analysis of the homogenized insects helps us to identify and to quantify the toxic substance(s) within death cases that involves substance abuse and other kinds of toxicity This will give us valuable data regarding to the death. Through this data, the time of death, child abuses, suicides, drug abuses and neglect cases can be processed.

The recovery of the entomological evidence from the bodies involved in medicine and narcotics related death cases, the entomotoxicologicaldata willassist the case. Forensic entomotoxicology is new for our country and further researches should beconducted.