

Insects Unlocked: An Editorial Note

Albert Mulenga*

Department of Entomology, Texas A & M University AgriLife Research, USA

EDITORIAL NOTE

Entomology is a branch of zoology that deals with the study of insects and their relationship to humans and their environment. Insect entomology refers to the study of Insects' diversity and behavioral science with their world being related. Insects are very nutritious and of course their effect on nature is massive. Pollination of flowering plants is one of the most essential activities of insects. Entomology supplies are the materials used to collect, study and understand different types of insects and their behavior.

Abdelfattah EA studied Integration of monitoring and biomonitoring systems to evaluate the impacts of contaminants on the atmosphere enable us not only to identify concentrations of such contaminants in the ecosystem, but also to determine their effects on living organisms. By using *coccinella undecimpunctata* and *P. alceae* as the bio control for the level of contamination in Hud El-AKmas, we find that antioxidant enzymes (APOX, CAT and PC) affected (elevating) suggest pollution but the results of the phosphate and sulphate tests are within normal range. We may precisely tell from the extent of contamination. Thus, we can preserve human and environmental health and maintain the balance between ecological processes and biodiversity, helping our country to achieve the goals of sustainable growth, Egypt's Vision 2030 and supporting the economy by turning our work into a start-up [1].

Baker NE reviewed that Caspian Tern was considered a vagrant of coastal Tanzania prior to the late 1980s. Since the early 1990s numbers wintering along the coast have continued to rise to the point that about 700 birds now spend their non-breeding season north of 8 degrees south. Regular count data at key sites show that four roost sites contain over 100 birds each. It is proposed that these birds are estimated at 1,000 to 2,000 birds from the poorly identified Malagasy population with a level of just 15 per cent (Wetlands International 2012). If that is the case these counts represent either a major shift in these birds' behavior or an undocumented increase in population size [2].

Hasegawa E, *et al.* findings show that both sexes have the individual roots and adaptation to take a similar defensive pose. As the males struggle to get mates with each other, the one-direction effect of the male mediation can contribute to this unusual aggressive mediation mechanism. In *P. inclinatus* female and male aggressiveness is mediated by various biogenic amines. Unusually, through dopamine, the males increase the aggressiveness but there is no amine that reduces aggressiveness [3].

Kotilingam SM determine the diversity of scarabaeid beetles, various agroecological regions of Karnataka's Western Ghats were surveyed. This present study showed predominance of beetles belonging to the Melolonthinae subfamily as regards abundance and species richness followed by the Scarabaeidae subfamily. The distribution of the population showed the occurrence of 18 scarabaeid beetle populations. More dominant was the rutelinid *Anomala albopilosa* (21.34 per cent) followed by melolonthinid *Holotricha serrata* (19.22 per cent). In the Malanad area *Leucopholus* sp. was more prevalent [4].

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Correspondence to: Albert Mulenga, Department of Entomology, Texas A & M University AgriLife Research, USA; E-mail: amulenga@cvm.tamu.edu

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