

ID: 260

Analysis and Evaluation on Invasive Beetles (Insecta: Coleoptera) in Türkiye

Aysel Kekillioglu, Zekerya Bıçak

Nevşehir HacıBektas Veli University, Department of Biology, Nevşehir, Türkiye

Abstract

Insects, which are the most crowded group among the creatures living on the world, have always been successful by adapting to changing environmental conditions. They are in balance in their natural habitat. However, they can cause significant problems if they are moved from their areas to other places. In the last fifty years, many biotic factors, including insects and fungi transported from other countries and even continents, have caused and continue to cause significant damage in Turkey. In this study, it is aimed to analyze and evaluate the insect taxa: *Phoracantha semipunctata* (Fabricius, 1775), *Phoracantha recurva* (Newman, 1840), *Cordylomera spinicornis* (Fabricius, 1775), *Xylotrechus stebbingi* (Gahan, 1906), *Phrynetta leprosa* (Fabricius, 1775), *Anoplophora chinensis* (Forster, 1771), *Anoplophora malasiaca* (J. Thomson, 1865), *Batocera rufomaculata* (DeGeer, 1775), *Dendroctonus micans* (Kugelann, 1794), *Rhynchophorus ferrugineus* (Olivier, 1790), *Leptinotarsa decemlineata* (Say, 1824), *Harmonia axyridis* (Pallas, 1773), *Xylosandrus Compactus* (Eichhoff, 1875) which are recorded as invasive insects from Turkey

Keywords: Fauna, Ecology, Invasion, Insecta, Coleoptera

