

Host Plant Range of Aphidophagus Hoverflies in Relation to Their Prey Aphids in Thatta Pakistan

Authors : Kamal Khan Abro, Attaullah Ansari, Mahpara Pirzada

Abstract : Hoverflies are commonly known as flower flies, sun flies or garden flies. Hoverflies are very important group of insects because their ecosystem services are diverse. They are an attractive group of insects with their striped abdomens. They are day-flying insects from small to large size, have worldwide distribution, but mostly prefer to live in relatively cold weather areas. In the world, about 6,000 species of 200 genera of two sub-families have been described. Their larvae exhibit a variety of feeding modes i.e. aphidophagous, saprophagous, zoophagous and Phytophagus, where adults are floral visitors of hundreds of different plants species. These floral resources enhance the longevity and fecundity of adult dipterous flies. Many syrphid species also have been documented as efficient crop pollinators. Aphids are commonly called plant louse, greenflies and blackflies. They are major pest of crops; about 4000 species of aphids have been described, feeding on 250 species of plants.

Keywords : host plant range, aphidophagous hoverflies, their prey aphids, Thatta Pakistan

Conference Title : ICZWA 2017 : International Conference on Zoology and Wild Animals

Conference Location : Paris, France

Conference Dates : November 20-21, 2017