abstract

The systematic study Braconidae family wasps (Hymenoptera: Braconidae) in the Sistan region, were examined and identified. Sampling Carried out in the year 2009-2010. All samples were performed by the method of net sweeping. During sampling nearly 800 samples were collected and the samples based on morphological characteristics, were isolated from each other. Samples for identification of the body and wing shooting forward and backward slide was prepared. During this review in the Sistan region 23 species belonging to 13 genus were introduced 6 subfamily such az: Alysiinae, Braconinae, Cheloninae, Euphorinae, Microgasterinae and is Opiinae. Dacnusa and Chorebus of the subfamily Alysiinae, Bracon and Habrobracon of the subfamily Braconinae, Leiophron of the subfamily Euphorinae, Chelonus of the subfamily Cheloninae, Microctonus, Apantales, Cotesia and Iconella of the subfamily Microgasterinae and genera Eurytnes, opius, and Utetes of the subfamily Opiinae, were introduced. Iconella genera and Utetes first reported from Iran.

Key Word: Fauna, Braconidae, Subfamily, Host associations, Diagnosis



University of Zabol Graduate school Faculty of Agriculture Department of Plant Pathology

Dissertation for M.Sc Degree in Entomology Science

Systematic study of Braconidae in Sistan region

Supervisors:

Dr. E. Rakhshani

Advisors:

Dr. A. Khani MS. A. Arjomandinejad

> By: N. Khaje

May 2011