

عنوان مقاله:

Aquatic Insects of Tehran Province, Iran

محل انتشار:

دومین کنگره بین المللی بیماریهای منتقله بوسیله ناقلین و تغییرات آب و هوایی و چهارمین کنگره ملی حشره شناسی پزشکی ایران
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خلاصه مقاله:

Background: Some species of aquatic insect are medically important vectors that transmit diseases. Some of them also are used as an indicator of water pollution. There is little information about the aquatic insect s fauna of Iran.Objectives: Identification of aquatic insects wich are medically important.Methods: To study the aquatic insects fauna, adult, nymphal and larval, species collection was done at five random points along Jajroud River in the protected area of Jajroud, Pardis is one of the cities of Tehran province.Results: Totally, 306 samples were collected belonging to four orders: Diptera, Trichoptera, Ephemeroptera, and Coleoptera. Five genus identified, include Blepharicera, Simulium, Hydropsyche, Baetis, and Hybius. The most predominant genus was Simuliidae (80%).Conclusions: Some species of aquatic insect are medically important vectors that transmit diseases. These insects are used as an indicator of water pollution and biological control. Therefore study on aquatic insects and understanding ecology of aquatic insects can use as bioindicator of water quality and biological control

کلمات کلیدی:

Aquatic insect, Diversity, Water quality, Jajroud River, Iran

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