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"MOSQUITO FAUNA OF IRAN I - AEDES (DIPTERA: CULICIDAE) "

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Abstract:

Biological research of all kinds on mosquitoes must be built upon a foundation of correct identification and sound classification. Except for the anopheline vectors of malaria, relatively little is known about other mosquitoes in Iran and other countries in Southwest Asia. In view of this a comprehensive study on the mosquito fauna of Iran has started since 1981. In this report the list of the Aedes species of Iran is updated. Previous studies by Iranian and foreign investigators have revealed the occurrence of 6 Aedes species in Iran. *Ae. vexans*, *Ae. geniculatus*, *Ae. caballus*, *Ae. Caspius*, *Ae. pulchritarsis* and *Ae. aegypti*. In the present study not only all named species, except one, were recollected but 5 additional species were also captured which formerly have not been know to occur in Iran. These species are *Ae. Vittatus*, *Ae. echinus*, *Ae. detritus*, *Ae. flavescens*, and *Ae. leucomelas*. *Ae. aegypti* has not been collected in Iran since the previous report in 1946. The present list of 10 species should not be regarded as final since other species, which occur in neighboring countries, may eventually be found in Iran.

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