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THE IMPORTANCE OF LEARNING IDENTIFICATION OF LARVAE AND ADULT MOSQUITOES

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Malaria is one of the most serious health problems facing the world today and is one of the most common diseases affecting humans. Malaria causes more than 400,000 deaths a year according to the World Health Organization (actually 429,000 deaths in 2016). Unfortunately, 90% of deaths occur in children under the age of five years and in Pregnant women. Female Anopheles Mosquitoes (some species) are the main vector for malaria disease transmission from the infected patients with malaria plasmodium parasites to the other healthy persons, so it is essential to learn more about these mosquitoes especially how to identify the genus and the species of Anopheles both the mosquitoes and the larvae. Around the world there are about 460 species of Anopheles mosquitoes whereas only 60 species of them can transmit malaria disease so we must know and learn how to distinguish between the different species and determine the area of their presence to follow up the suitable procedures when a malaria case is being detected at an area in which there is presence for species of Anopheles mosquitoes capable to transmit malaria disease, so this will assist to avoid the spread of the disease.

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