

## OCCURRENCE OF *Aedes infirmatus* IN NEW JERSEY

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*Aedes infirmatus* Dyar and Knab is a mosquito of the southern United States (Darsie and Ward 1981) with a range that extends west into Texas (McGregor and Eads 1943) and north to Delaware (Lake and Doll 1961, Lake 1967). Using temporary woodland pools, *Ae. infirmatus* is capable of producing several generations per year. The adults are persistent biters (Carpenter and LaCasse 1955, Siverly 1972).

On August 10, 1988, personnel involved with arbovirus surveillance in the Belleplain State Forest-Dennis Creek area of Cape May County, New Jersey, collected two adult female mosquitoes subsequently identified as *Ae. infirmatus*. Both adult specimens were collected with dry ice baited CDC traps. They were at two separate sites within mixed hardwood habitat, predominately white oak (*Quercus alba* L.), red maple (*Acer rubrum* L.) and sweet gum (*Liquidambar styraciflua* L.). Each trap was situated 45.7 cm from ground level. Prior to August 10, the Belleplain area received 5.1 cm of rain over the period July 22-29. Further larval sampling after discovery of *Ae. infirmatus* proved impossible since temporary breeding habitats had dried.

Both specimens have been deposited in the collection of the New Jersey Agricultural Experiment Station, New Brunswick, New Jersey. The addition of *Ae. infirmatus* brings to 61 the number of confirmed mosquito species found in

the state of New Jersey (McNelly and Crans 1983, McNelly 1984).

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