Ovitrap surveillance for Aedes albopictus in southeastern Massachusetts

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The Bristol County Mosquito Control Project utilized oviposition cups for the first time in our Project's history to sample Aedes albopictus populations in southeastern Massachusetts. Ovitraps were used in locations were populations of Ae. albopictus have been collected since 2009. Traps were placed in the geographical locations of initial identification and just outside to establish range and distribution throughout the season. The cups were sampled weekly using seed germination paper as an oviposition substrate. Eggs were counted and reared to adults for identification. Ae. japonicus, Ae. triseriatus and Ae. albopictus were collected from 8 trapping locations during the months of June through November 2014.