It is not unlikely that a relatively high rate of parasitism may be present in the Carmen Island Leptoconops population. The emergence of the membracid parasite is normally fatal to the host.

Literature Cited

A Day-Feeding Strain of Anopheles maculatus Theobald

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The establishment of Anopheles maculatus as a laboratory colony at the Institute for Medical Research, Kuala Lumpur, Malaya was reported by Ow Yang, et al. (1965), and was included by Ward and Kitzmiller (1963) in their list of Anopheles colonies. These latter writers included origin of stock, susceptibility to insecticides, susceptibility to malaria infection and location of the colonies. No information was given on host animals used or on times females would feed.

In January, 1964, material was taken from the main colony for the establishment of a subcolony of An. maculatus at the U. S. Army Medical Research Unit, located on the grounds of the Institute for Medical Research. The subcolony was established without difficulty by the techniques described by Ow Yang, et al. Subsequently at the 36th generation, while cleaning a cage in daylight, it was noticed that the females were trying to feed. A bare arm was then offered and approximately 50 of the 300 females in the cage readily fed. Further feedings on guinea pig and monkeys indicated that many of the females would feed during the day. After four generations of selection approximately 80 percent of surviving 2- to 3-day old females readily fed during the day. When it was found that the subcolony would feed during the day animals were also offered to the parent colony during the day. Day feeding was also successful with this colony and it is presently maintained by day feeding on monkeys and guinea pigs. All feeding of both colonies is now done during the day while normal insectary chores are being performed. The day feeding is most successful when the animal is anesthetized or tranquilized as movements of the animal tend to frighten away any females not already feeding, and fewer engorged females are obtained unless these movements are prevented. Monkeys used for feeding both colonies are routinely administered promazine hydrochloride prior to mosquito feeding.

This report is submitted as additional information on colonies reported by Ward and Kitzmiller. It is suggested that in the future those reporting on laboratory colonies include information on times of feeding as the advantages of day feeding are useful to many workers.

Literature Cited

Aedes aegypti With Four Spermathecae

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In studies on the morphology and phyaiology of the reproductive system of Aedes (Stegomyia) aegypti (Linnaeus) of the Bangkok strain, we have encountered on two occasions an unusual anomaly among at least several hundred females which were being routinely dissected.

The eggs were originally obtained from the Department of Entomology at Walter Reed Medical Center, Washington, D. C. The two anomalous females, in addition to having a normal complement of one large median spermatheca and two smaller lateral spermathecae, possessed one additional and even smaller spermatheca. The normal thecae had normal appearing basal glands, ducts,