

radius. The activities of the adults proved to be entirely crepuscular and were confined to the period when light intensity was below 50 Weston units. Both males and females are moderately attracted to artificial light. There is indirect evidence that adult behavior is markedly influenced by environmental conditions and particularly by strong moonlight. Swarms numbering as many as 5,000 males were observed regularly in the evening when the light intensity fell below 20 Weston units and lasted for 25 minutes. Rather abundant mating was observed at the peak of swarming. Females started feeding on observers shortly before swarm formation and were particularly active in the vicinity of swarms. The limited comparative landing and biting tests indicate that *A. franciscanus* is moderately anthropophilic, feeding in preference on only the larger mammals (horse, cow, sheep), and in fewer numbers on smaller animals (duck, turkey, rabbit, guinea pig). The numbers biting and landing were extremely

small in comparison with the enormous populations produced in the lake. Despite the difference in anthropophilism the forms investigated proved morphologically indistinguishable in all stages from *A. franciscanus* from Central and Northern California. Further investigations on this species are indicated in view of its anthropophilism and its great abundance in populated areas in Southern California.

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### H. M. SPEECHLEY

Word has been received of the death of H. M. Speechley of Winnipeg on March 15. A more complete account of his life and activities will be made in a forthcoming issue of the *News*. His genial personality was well known to many A.M.C.A. members.