

# A TEN YEAR SURVEY OF TRINIDADIAN ARTHROPODS FOR NATURAL VIRUS INFECTIONS (1953-1963)

by

Thomas H. G. AITKEN, Leslie SPENCE, Andries H. JONKERS  
and Wilbur G. DOWNS \*

## SUMMARY

A decade of investigations devoted to a search for natural virus infections in Trinidadian arthropods is summarized. These observations complement an earlier report covering the first five years observations (AITKEN, *Mosq. News*, 20, 1, 1960).

General interest in the arboviruses is discussed. Changes in techniques instituted since the earlier summary are described. Over a million and a half arthropods have been tested for virus of which 1,482,686 were mosquitoes and 85,753 were other arthropods such as ticks, mites, fleas, lice and other biting flies.

A total of 474 virus strains representing 29 different viruses, has been isolated from arthropod sources. Mosquitoes were the source of 27 viruses, one of which was recovered from both mosquitoes and mites. The remaining two agents were recovered from ticks.

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\* Universities of the West Indies, Trinidad Regional Virus Laboratory, P. O. Box 164, Port-of-Spain, Trinidad.