



Mosquito Surveillance Report

New Jersey Agricultural Experiment Station

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Period August 10-16, 1973

Aedes vexans was the predominant species in regions A, B, and C. This species in region B increased from 20.1/t-n to 39.6/t-n since the last report due to the heavy rains during late July. The Culex species in these three regions decreased since the last report.

The Culex species were predominant in regions D, E, and F, although populations decreased in regions D and E. In region E, Culiseta melanura doubled since the last report.

In region F, the Culex species increased about 10/t-n from the last report. An. bradleyi decreased by more than half. A. sollicitans increased only slightly. Culiseta melanura increased from 3.1/t-n to 5.4/t-n.

Counties submitting data for this report: Atlantic, Bergen, Burlington, Camden, Cape May, Essex, Gloucester, Hudson, Hunterdon, Mercer, Middlesex, Morris, Passaic, Ocean, Somerset, Sussex, Union and Warren.

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REGIONAL LIGHT TRAP
SUMMARY

Average mosquitoes per trap-night August 10-16, 1973

Region	Predominant Species	Other important species		
Region A Northern Rural 91*	A. vexans 10.9	An. punctipennis 8.1	Culex complex 5.3	M. perturbans 0.3
Region B Passaic Valley 84	A. vexans 39.6	Culex complex 4.1	An. walkeri 0.8	M. perturbans 0.3
Region C Rural 42	A. vexans 2.7	Culex complex 2.1	An. punctipennis 0.6	An. quadrimaculatus 0.3
Region D Urban Corridor 151	Culex complex 21.2	A. vexans 10.0	A. sollicitans 0.9	A. cantator An. punctipennis M. perturbans 0.1
Region E Coastal Plain 62	Culex complex 7.6	Culiseta melanura 4.3	A. vexans 1.9	M. perturbans 1.0
Region F Coastal Wetlands 89	Culex complex 96.9	A. sollicitans 21.1	An. bradleyi 9.9	Culiseta melanura 5.4

*Number of trap-nights per region.