



Mosquito Surveillance Report

New Jersey Agricultural Experiment Station

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Period June 9-14, 1973

The significant change for this period is that Aedes vexans is the predominant species in each region except the Coastal Wetlands, region F. The A. vexans population has more than doubled in every region except region D.

The Culex complex has increased in most regions over last week, though not as much as A. vexans. A. stimulans is still present in regions A, B and C. A. sollicitans is increasing in region D, and A. sollicitans and A. cantator have increased sharply in the Coastal Wetlands region. Mansonia perturbans is quite high in a few traps in region E.

Again in Cape May County, the trap near Pond Creek caught a far greater number of Culex and A. vexans than the other traps in that region.

Hudson County is currently reorganizing and is participating in the surveillance program.

Counties represented in this report: Atlantic, Bergen, Burlington, Camden, Cape May, Cumberland, Essex, Gloucester, Hudson*, Hunterdon, Mercer, Middlesex, Morris, Ocean, Passaic, Salem*, Somerset, Sussex, Union and Warren.

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REGIONAL LIGHT TRAP
SUMMARY

Average mosquitoes per trap-night June 9-14, 1973

Region	Predominant Species	Other important species		
Region A Northern Rural 81	Aedes vexans 10.8	Culex complex 4.6	A. stimulans 0.7	An. punctipennis 0.2
Region B Passaic Valley 77	Aedes vexans 11.9	Culex complex 2.2	A. stimulans 0.1	
Region C Rural 40	Aedes vexans 5.2	Culex complex 4.2	An. punctipennis 0.2	A. stimulans 0.1
Region D Urban Corridor 123	Aedes vexans 6.6	Culex complex 5.9	A. sollicitans 1.4	A. cantator An. punctipennis 0.1
Region E Coastal Plain 58	Aedes vexans 3.7	Culex complex 2.5	Mansonia perturbans 1.2	A. canadensis 0.6
Region F Coastal Wetlands 105	Culex complex 40.7	Aedes vexans 21.9	A. sollicitans 18.5	A. cantator 14.8