



Mosquito Surveillance Report

New Jersey Agricultural Experiment Station

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Period July 9, 1973

The overall light trap catches for the state have dropped off from the previous week, as of this report. With the exception of the Passaic Valley region, where Aedes vexans is predominant, the Culex species are predominant throughout the state.

A. stimulans is still present in the Northern Rural region, although in small numbers. Mansonia perturbans has replaced A. stimulans as third most abundant species in the Passaic Valley region. Culiseta melanura is quite numerous in a few traps in the Urban Corridor region, and its weekly average equals that of A. sollicitans. M. perturbans is third in abundance in Region D as well.

Culiseta melanura is third in abundance in the Coastal Plain region, and M. perturbans is fourth.

In the Coastal Wetlands region, the Culex species, primarily C. salinarius, is much higher than the other regions, although it has dropped considerably from last week. A. cantator is dropping off as the season progresses.

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 15-21, 1973

Region	Predominant Species	Other important species		
Region A Northern Rural 81*	Culex complex 4.5	Aedes vexans 2.5	A. stimulans 0.1	Anopheles punctipennis 0.1
Region B Passaic Valley 81	Aedes vexans 6.9	Culex complex 2.4	Mansonia perturbans 0.1	
Region C Rural 42	Culex complex 3.1	A. vexans 1.1	An. punctipennis 0.1	
Region D Urban Corridor 126	Culex complex 10.4	A. vexans 3.1	M. perturbans 0.4	A. sollicitans Culiseta melanura 0.1
Region E Coastal Plain 62	Culex complex 4.2	A. vexans 1.2	C. melanura 0.7	M. perturbans 0.5
Region F Coastal Wetlands 150	Culex complex 19.4	A. sollicitans 8.8	A. vexans 2.0	A. cantator 1.5

* Number of trap-nights per region.