Mosquito Surveillance Report

New Jersey Agricultural Experiment Station

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Aedes vexans is the predominant species in regions A and B, although the species is lower in region A than the previous week. A. vexans in region B increased 8/t-n over the previous week. Culex species have decreased in both areas, while Anopheles species have increased.

The Culex complex is the predominant group in the remaining four regions; C, D, E and F. Culex species have decreased in regions D and E but doubled in regions C and F since the previous week. A. vexans doubled in region C although it remained below nuisance level. In the other regions, A. vexans decreased.

Culiseta melanura decreased in regions E and F since the previous report. A. sollicitans increased in regions D, E and F, being most abundant in F. An. bradleyi increased nearly four times in region F.

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REGIONAL LIGHT TRAP
SUMMARY

Average mosquitoes per trap-night, Aug. 24-30, 1973

Region	Predominant Species	Other important species		
Region A Northern Rural 84*	A. vexans 4.1	An. punctipennis 3.8	Culex complex 3.1	M. perturbans 0.1
Region B Passaic Valley 77	A. vexans 34.5	Culex complex 1.6	An. walkeri 0.4	An. punctipennis An. quadrimaculatus M. perturbans 0.2
Region C Rural 42	Culex complex 5.5	A. vexans 5.4	An. punctipennis 1.9	An. quadrimaculatus 0.7
Region D Urban Corridor 98	Culex complex 29.6	A. vexans 9.5	M. perturbans 0.5	A. sollicitans An. punctipennis 0.2
Region E Coastal Plain 42	Culex complex 4.0	Culiseta melanura 0.8	A. vexans An. bradleyi M. perturbans 0.7	A. sollicitans P. confinnis 0.1
Region F Coastal Wetlands 82	Culex complex 51.1	An. bradleyi 19.0	A. sollicitans 12.5	Culiseta melanura 2.4

*number of trap-nights per region.