



Mosquito Surveillance Report

New Jersey Agricultural Experiment Station
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The mosquito populations throughout the state declined considerably since the previous week.

In region A, all species were below 1/t-n. An. punctipennis, which was most abundant the previous week, dropped to 0.5/t-n.

A. vexans was the predominant species in region B, but the population level was 2.9/t-n. Culex species were predominant in all the other regions.

Region C was very low with all species below 2.0/t-n. In region D, Culex species declined from 24.2/t-n to 12 3/t-n, and A. vexans declined from 5.0/t-n to 1.6/t-n. An. punctipennis increased but remained below 1.0/t-n.

In region E, all species were below 2.0/t-n. Culex species decreased, Culiseta melanura remained stable at 1.3/t-n as did An. bradleyi at 0.9/t-n.

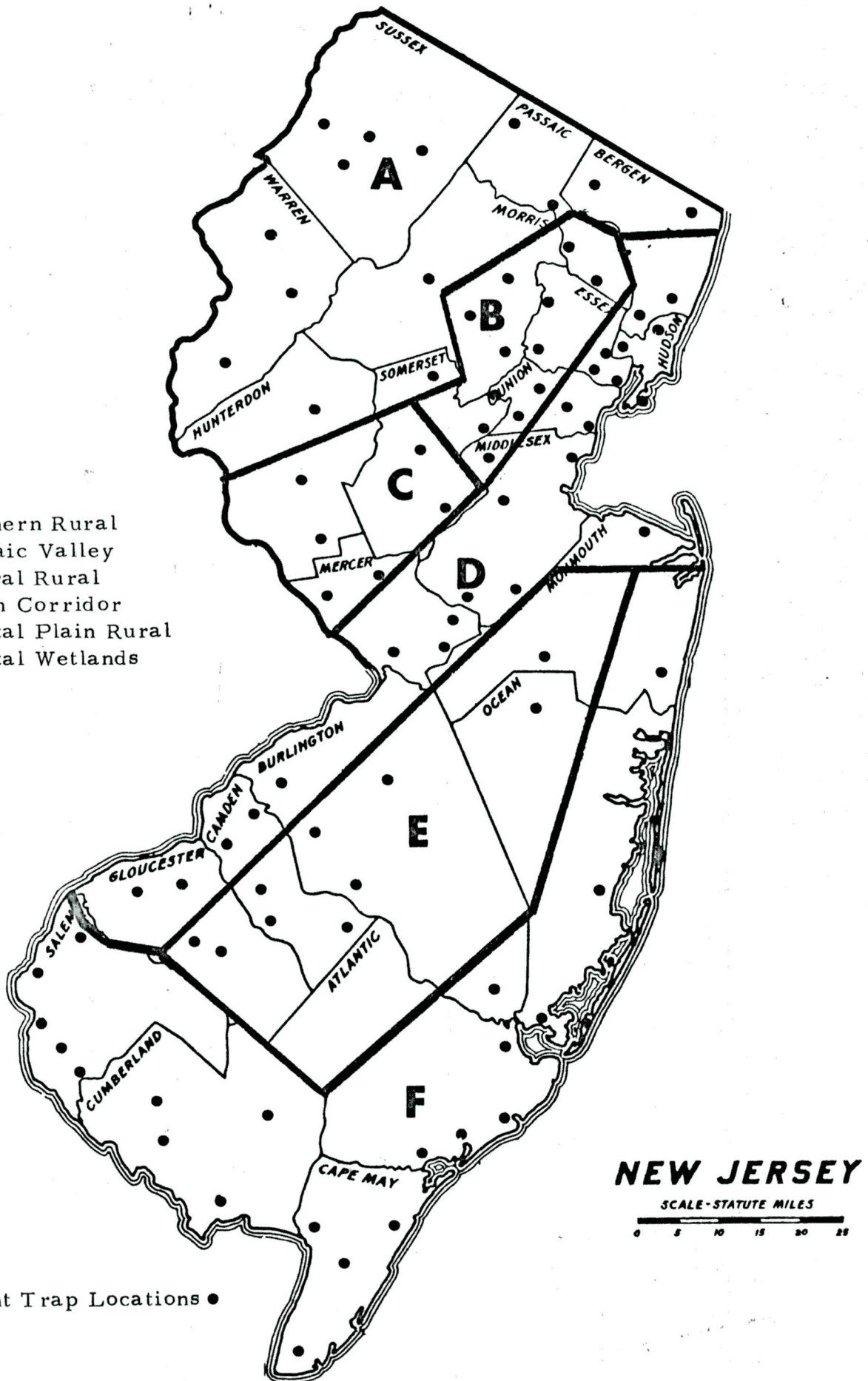
In region F, Culex species declined dramatically from 76/t-n to 16.5/t-n and A. sollicitans declined from 30/t-n to 4.6/t-n. An. bradleyi decreased by half to 13.5/t-n. This is the last Mosquito Surveillance Report this season. A seasonal summary will be compiled and sent out later.

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Regions

- A Northern Rural
- B Passaic Valley
- C Central Rural
- D Urban Corridor
- E Coastal Plain Rural
- F Coastal Wetlands



Light Trap Locations ●

REGIONAL LIGHT TRAP SUMMARY

Average mosquitoes per trap-night, September 7 - 13, 1973

Region	Predominant Species	Other important species		
Region A Northern Rural 77*	Culex complex 0.7	A. vexans 0.6	An. punctipennis 0.5	
Region B Passaic Valley 65	A. vexans 2.9	Culex complex 0.3	An. quadrimaculatus 0.1	
Region C Rural 39	Culex complex 1.7	An. punctipennis 1.2	A. vexans 0.5	An. quadrimaculatus 0.3
Region D Urban Corridor 84	Culex complex 12.3	A. vexans 1.6	An. punctipennis 0.4	
Region E Coastal Plain 28	Culex complex 1.8	Culiseta melanura 1.3	An. bradleyi 1.0	A. vexans M. perturbans 0.1
Region F Coastal Wetlands 82	Culex complex 16.5	An. bradleyi 13.5	A. sollicitans 4.6	C. melanura 1.9 A. Vexans 1.8 An. quad. 1.4

* Number of trap-nights per region.