Mosquito Surveillance Report

New Jersey Agricultural Experiment Station

Vol. 1 *No.* 16 *Period* August 31 - Sept. 6, 1973

October 1, 1973

In region A, An. punctipennis was the most abundant species. A. vexans decreased from the last report.

In region B, A. vexans was the predominant species. This species decreased to 14.7/t-n, less than half that of the previous report.

The Culex complex was the most abundant group in regions C - F where it decreased in every region except F. Culex species increased to 76.1/t-n in that region. A. vexans decreased in regions C, D and E, and increased slightly in F.

A. sollicitans increased in region F to 30.9/t-n and An. bradleyi increased to 26.1/t-n.

An. quadrimaculatus was trapped in regions B, C and F.

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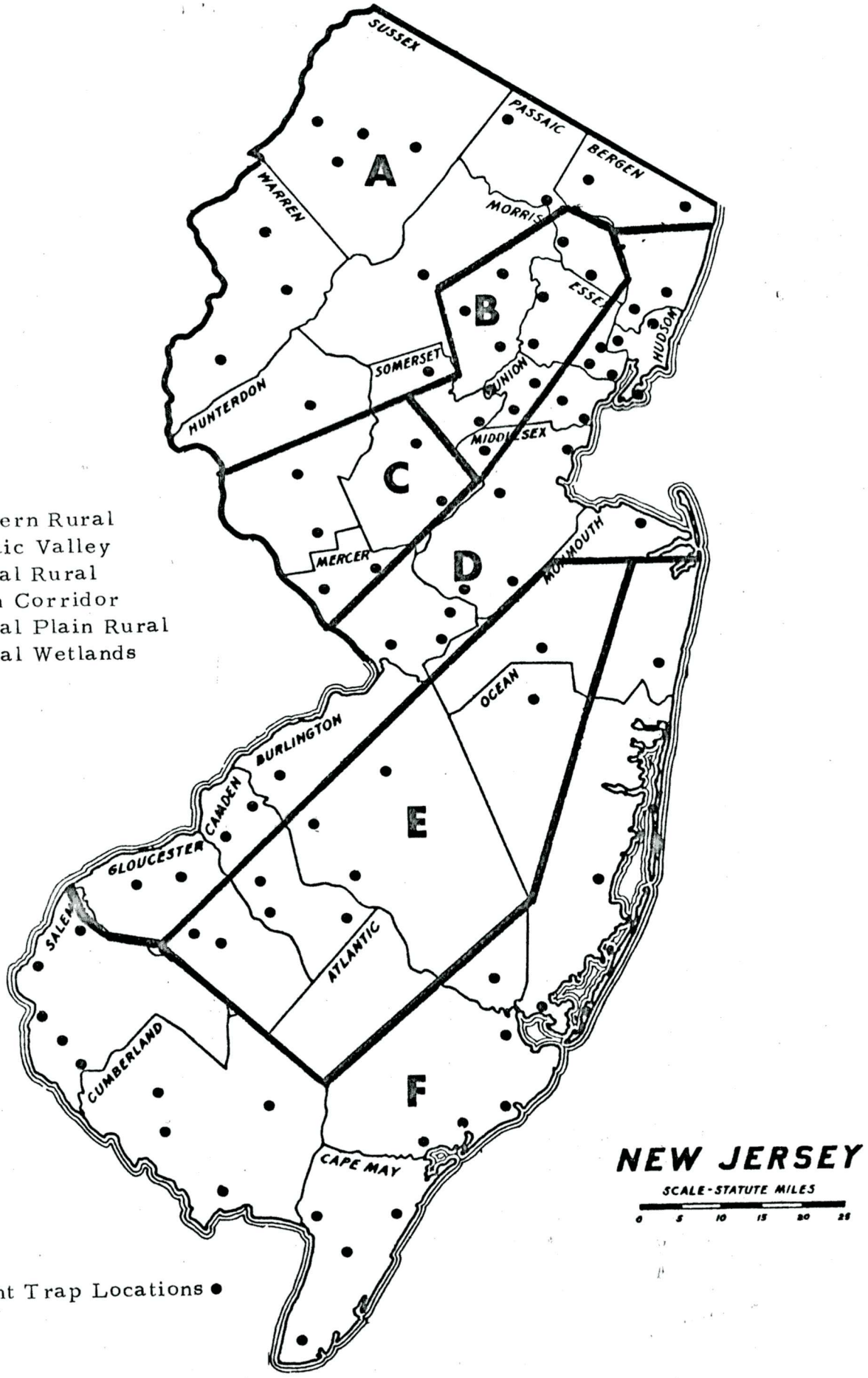
Regions
A Northern Rural
B Passaic Valley
C Central Rural
D Urban Corridor
E Coastal Plain Rural
F Coastal Wetlands
SUSSEX
PASSAIC
BERGEN
WARREN
MORRIS
ESSEX
HUDSON
SOMERSET
UNION
HUNTERDON
MIDDLESEX
MERCER
MONMOUTH
OCEAN
BURLINGTON
CAMDEN
GLOUCESTER
SALEM
ATLANTIC
CUMBERLAND
CAPE MAY
A
B
C
D
E
F
NEW JERSEY
SCALE - STATUTE MILES
0 5 10 15 20 25
Light Trap Locations ●

REGIONAL LIGHT TRAP
SUMMARY

Average mosquitoes per trap-night, August 31 - September 6, 1973

Region	Predominant Species	Other important species		
Region A Northern Rural 84*	An. punctipennis 10.1	A. vexans 3.7	Culex complex 2.7	M. perturbans 0.3
Region B Passaic Valley 75	A. vexans 14.7	Culex complex 0.9	An. walkeri 0.5	M. perturbans An. quadrimaculatus 0.2
Region C Rural 42	Culex complex 4.3	A. vexans 3.5	An. punctipennis 2.6	An. quadrimaculatus 0.3
egion D Urban Corridor 98	Culex complex 24.2	A. vexans 5.0	M. perturbans 0.3	An. punctipennis 0.1
Region E Coastal Plain 42	Culex complex 3.5	Culiseta melanura 1.3	A. vexans An. bradleyi 0.9	An. walkeri 0.3
Region F Coastal Wetlands 84	Culex complex 76.1	A. sollicitans 30.9	An. bradleyi 26.1	A. vexans A. cantator C. melanura An. quadrimaculatus 3.3

* Number of trap-nights per region