Most mosquito species were considerably more abundant throughout the state for the period of this report than the preceding period. The most important mosquito species increased in every region since the last report, and several less important species occurred in greater numbers than usual.

*Aedes vexans* was the predominant species in three regions, A, B, and C, and showed at least a five-fold increase in every region. The *Culex* complex was predominant in two regions showing a decrease in region D, but showing a four-fold increase in region F. This inconsistency occurred between the other regions as well.

*Mansonia perturbans* was again the predominant species in region F and had increased three times the last weekly average. Again it was caught in only three traps but in very high numbers.

*A. sollicitans* and *A. cantator* increased significantly in region F and *A. sollicitans* was slightly higher than last week in regions B and D.

*Psorophora ciliata* was third in abundance in region B and was also reported in small numbers from regions B and D. *A. trivittatus* and other *Psorophora* species were bothersome in many areas but are not easily collected in light traps.

The mosquito situation reflected in this report can be attributed to the frequent, heavy rains which occurred in the latter half of June.


Jere Downing
Research Associate

Lyle E. Hagmann
Research Professor
### REGIONAL LIGHT TRAP SUMMARY

**Average mosquitoes per trap-night July 6-12, 1973**

<table>
<thead>
<tr>
<th>Region</th>
<th>Predominant Species</th>
<th>Other important species</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A. vexans</td>
<td>Culex complex</td>
</tr>
<tr>
<td>Region A Northern Rural</td>
<td>15.9</td>
<td>14.6</td>
</tr>
<tr>
<td>Region B Passaic Valley</td>
<td>40.4</td>
<td>2.1</td>
</tr>
<tr>
<td>Region C Rural</td>
<td>A. vexans</td>
<td>Culex complex</td>
</tr>
<tr>
<td></td>
<td>13.7</td>
<td>6.3</td>
</tr>
<tr>
<td>Region D Urban Corridor</td>
<td>Culex complex</td>
<td>A. vexans</td>
</tr>
<tr>
<td></td>
<td>25.2</td>
<td>23.8</td>
</tr>
<tr>
<td>Region E Coastal Plain</td>
<td>M. perturbans</td>
<td>A. vexans</td>
</tr>
<tr>
<td></td>
<td>18.5</td>
<td>18.1</td>
</tr>
<tr>
<td>Region F Coastal Wetlands</td>
<td>Culex complex</td>
<td>A. sollicitans</td>
</tr>
<tr>
<td></td>
<td>152.7</td>
<td>38.5</td>
</tr>
</tbody>
</table>

*Number of trap-nights per region.*