Mosquito species distribution by county in New Jersey

Updated July 2015

Based upon county mosquito species lists, light trap data in statewide program, pools submitted to PHEL for arboviral testing and some literature records.

Presence marked in red.
Aedes aurifer                              Aedes canadensis

Salem County vector surveillance sample 2011, new species

Mercer County to be confirmed

Salem County vector surveillance sample 2011, new species
Aedes dupreei

As suggested by Darsie and Ward


Aedes excrucians
Aedes fitchii

Aedes flavescens*


• Bergen
In Burlington County, 2004, one larva in a tire
Aedes mitchellae

Cumberland County found 4 May 2010 in Heislerville

Aedes provocans
Aedes stimulans

Aedes taeniorhynchus

June 2012
1st record in Camden County
Aedes thibaulti

Aedes triseriatus

• Sussex
Anopheles quadrimaculatus

Anopheles walkeri
Culex erraticus*

Culex pipiens


• Cape May
Culex restuans

Culex salinarius
Culex tarsalis*

* Crans, W. C., F. Lesser and T. Candeletti. 1979 Recent distribution records of Culex tarsalis in New Jersey. Mosquito News, 39(2): 244-245. (Burlington, Cape May, Ocean)

Culex territans
Culiseta inornata

Culiseta melanura

Cumberland County
found 20 Sep 2010 in
Dividing Creek and
Thompson Creek
Culiseta minnesotae

- Hunterdon County, Caught 8 July 2009 in gravid trap.

- Warren County, Caught 14 July 2015 in gravid trap.

Culiseta morsitans

- Cumberland County, found 20 Sep 2010 in East Vineland.
Psorophora cyanescens*

- Cape May, Cumberland, Ocean, Salem

Psorophora discolor

Hunterdon and Somerset, 2011
Psorophora ferox

Psorophora howardii

McNelly, J. and W. C. Crans., 1983

Cape May
Uranotaenia sapphirina

Wyeomyia smithii