



Culex nigripalpus Biology

By Rick Hickman and Jeff Brown
Brunswick County Mosquito Control

Culex nigripalpus larvae are found in ditches, woodland pools, and freshwater marshes of a semi-permanent or permanent nature. They are occasionally found in water in wheel ruts, leaf axils of plants, and artificial containers. Typically this mosquito is collected from August to December in Brunswick County. Brunswick County is located at the northern most range of this mosquito species. This mosquito's population increase in Brunswick County after a series of warm winters with large amounts of late season rainfall.

The females seem to be less inclined to bite man than *Cx. salinarius*. It is generally regarded as an outdoor species, but where adults are numerous they have occasionally been taken inside houses. Males and females are frequently captured in New Jersey light traps. 2005 set record collection numbers for this species. *Culex nigripalpus* has been implicated in disease transmission, and is considered to be of medium importance to the citizens of Brunswick County.

REFERENCE

Carpenter, S. J. and W. J. LaCasse. 1955. Mosquitoes of North America (North of Mexico), University of California Press, Berkeley. 360 pp., 127 pl.