

Mosquito Species Occurring in Maine

Compiled by Kimberly A. Foss and Richard G. Dearborn
From a variety of sources Revised May 2003

Species	WNV Vector	EEE Vector	Bites Humans	Adult Host	Larval Habitat	No. Gen./ Yr.	Over-winters As:	Common Name and Comments
<i>AEDES</i>								
<i>cinereus</i> (Meigen)	y	y	Yes Major pest in wooded or shaded areas	Mammals	Wooded snowmelt pools, semi-permanent bogs and swamps	2-3	Egg	Day and night biter
<i>vexans</i> (Meigen)	y	y	Yes Major pest	Mammals	Wooded temporary, permanent, semi-permanent pools, open flooded areas	2-3	Egg	Day and night biter
<i>OCHLEROTATUS</i>								
<i>aberratus</i> (Felt & Young)			Yes Common spring pest	Mammals, birds	Snowmelt pools	1	Egg	Day and night biter
<i>atropalpus</i> (Coquillett)	y		Yes Around breeding areas	Mammals	Rock pools, some artificial containers	1	Egg	Day and night biter
<i>aurifer</i> (Coquillett)			Yes Around breeding areas	Mammals	Snowmelt pools, swamps, bogs, open marshes	1	Egg	Day and night biter
<i>canadensis</i> (Theobald)	y	y	Yes Major late spring pest around breeding areas	Mammals, amphibians, reptiles, sometimes birds	Wooded snowmelt pools, flood waters	1-2	Egg	Day and night biter
<i>cantator</i> (Coquillett)	y		Yes	Mammals, birds	Salt marshes, fresh or brackish water	1+	Egg	Day and night biter
<i>communis</i> (DeGeer)			Yes	Mammals, birds	Wooded snowmelt pools	1	Egg	Day and evening biter
<i>decticus</i> (Howard, Dyar and Knab)			Yes	Mammals, birds	Sphagnum, acid bogs	1	Egg	Day and night biter
<i>diantaeus</i> (Howard, Dyar and Knab)			Yes Wooded areas	Mammals, birds	Wooded snowmelt pools	1	Egg	Morning and evening biter
<i>excrucians</i> (Walker)			Yes Common spring - summer pest	Mammals, sometimes birds	Wooded snowmelt pools, marshes	1-2	Egg	Day and evening biter
<i>fitchii</i> (Felt & Young)			Yes Common spring - summer pest in wooded areas	Mammals, birds	Snowmelt pools, bogs, grassy roadside ditches	1	Egg	Day and night biter
<i>hendersoni</i> (Cockerell)			Yes	Mammals	Tree holes, occasionally tires	1-2	Egg	
<i>implicatus</i> (Vockeroth)			Yes Spring pest	Mammals	Wooded snowmelt pools	1	Egg	Day and night biter

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OCHLEROTATUS (continued)								
<i>intrudens</i> (Dyar)			Yes Common spring pest	Mammals	Wooded snowmelt pools	1	Egg	Day and night biter
<i>japonicus</i> (Theobald)	y		Yes	Mammals, birds	Tires, artificial containers, tree holes, rock pools	2+	Egg	Day biter New Record Portland, ME: June 26, 2001 (K.Foss)
<i>pionips</i> (Dyar)			Rarely		Snowmelt pools	1	Egg	
<i>provocans</i> (Walker)			Yes Early spring	Mammals	Semi-permanent marshes, wooded snowmelt pools	1	Egg	Evening biter
<i>punctator</i> (Kirby)			Yes Spring	Mammals	Wooded snowmelt pools	1	Egg	Day and night biter
<i>sollicitans</i> (Walker)	y	y	Yes Major coastal summer pest	Mammals, birds, reptiles, amphibians	Salt marshes	4+	Egg	“Eastern salt marsh mosquito” Day and night biter
<i>sticticus</i> (Meigen)			Yes Major pest around breeding areas	Mammals, birds, reptiles	Flood waters, wooded snowmelt pools	1-2	Egg	Day and evening biter
<i>stimulans</i> (Walker)	y		Yes Major spring pest	Mammals, birds	Snowmelt pools	1	Egg	Long lived
<i>taeniorhynchus</i> (Wiedemann)	y	y	Yes Major pest around breeding areas	Birds, mammals	Salt marshes	2+	Egg	“Black salt marsh mosquito” Day and evening biter New record for 2002 (M. Holman)
<i>triseriatus</i> (Say)	y		Yes Common summer pest around breeding areas	Mammals, birds, reptiles, amphibians	Tires, artificial containers, tree holes	1	Egg	“Tree hole mosquito” Day and evening biter
<i>trivittatus</i> (Coquillett)	y	y	Yes Common summer pest around breeding areas	Mammals, birds	Wooded snowmelt pools	1	Egg	Day and evening biter

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ANOPHELES								
<i>earlei</i> (Vargas)			Yes Common spring pest	Mammals	Confined bodies of water	1-2	Adult	Day and night biter
<i>punctipennis</i> (Say)	y		Yes Major summer pest	Mammals, birds	Confined and flowing bodies of water, artificial containers	2-3	Adult	“Spotted-winged Mosquito” Day and night biter
<i>quadrimaculatus</i> (Say)	y		Yes Common summer pest	Mammals, sometimes birds and reptiles	Confined bodies of water	2-3	Adult	Common “Malaria Mosquito” Day and night biter
<i>walkeri</i> (Theobald)	y		Yes	Mammals	Confined bodies of water	2+	Egg	Day and night biter
COQUILLETIDIA								
<i>perturbans</i> (Walker)	y	y	Yes Major summer pest Birds, mammals, amphibians, sometimes reptiles		Marshes	1-2	Larva	Larvae attach to base of aquatic plants Day and night biter
CULEX								
<i>pipiens</i> (Linnaeus)	y		Rarely	Birds	Artificial containers, grassy roadside ditches, catch basins	1-2	Adult	“Northern house mosquito”
<i>restuans</i> (Theobald)	y		Yes	Birds, sometimes mammals	Tires, tree holes, artificial containers, puddles, grassy roadside ditches, catch basins	1-2	Adult	Day and night biter
<i>salinarius</i> (Coquillett)	y	y	Yes	Birds, mammals	Artificial containers, grassy roadside ditches, brackish water, catch basins	1-2	Adult	Night biter, enters homes
<i>territans</i> (Walker)	y		Rarely	Frogs	Ponds, pools, marshes, grassy roadside ditches, artificial containers	1-3	Adult	

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<i>CULISETA</i>								
<i>impatiens</i> (Walker)			Yes Uncommon early spring species	Mammals	Semipermanent ponds, bogs, wooded ground pools	1	Adult	Long lived, rare Day and evening biter
<i>inornata</i> (Williston)		y	Yes Uncommon early spring species	Mammals	Wooded snowmelt pools, marshes, bogs, swamps	2+	Adult	“Winter mosquito”
<i>melanura</i> (Coquillett)	y	y	Rarely	Birds	Within stumps in acidic swamps and bogs, snowmelt pools	2+	Larva	
<i>minnesotae</i> (Barr)			Rarely	Birds, small mammals, turtles	Snowmelt pools, marshes	1-2	Adult	New Record for 2001 (M. Holman)
<i>morsitans</i> (Coquillett)			Rarely	Birds	Semi-permanent swamps, wooded snowmelt pools, marshes, bogs	1	Egg	
<i>PSOROPHORA</i>								
<i>ferox</i> (Humboldt)	y		Yes Within wooded areas Uncommon species	Mammals	Wooded temporary ground pools, flood-water areas	1	Egg	“White- footed woods mosquito” Day and evening biter New Record for 2001 (M. Holman)
<i>URANOTAENIA</i>								
<i>sapphirina</i> (Osten Sacken)	y		Rarely Summer species		Permanent and semipermanent ponds, pools, swamps, marshes	1-2	Adult	New Record Portland, ME July 24, 2001 (K. Foss)
<i>WYEOMYIA</i>								
<i>smithii</i> (Coquillett)			Never		Sphagnum bogs	1	Larva	“Pitcher plant mosquito” Spends most of year as larvae

MAINE DEPARTMENT OF CONSERVATION
 Maine Forest Service - Forest Health and Monitoring Division
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