

# *Anopheles earlei* Vargas

**OVERWINTERING STAGE:** Adult female.

**PHENOLOGY:** Multivoltine.

Females overwinter in protected areas such as buildings, caves, animal burrows and beaver lodges. In PA, one overwintering specimen was collected in the basement of an abandoned building in January.

**LARVAL HABITAT:**

Larvae prefer cold, clear water in the shallow margins of semi-permanent and permanent ponds overgrown with emergent and floating vegetation. They will also exploit a variety of other natural habitats.

**HOST PREFERENCES:**

These are predominantly mammalian feeders. Hosts include humans, cattle, horses, deer, rabbits, foxes, squirrels, sheep, pigs and beavers.

**VIRUS TESTING RESULTS:**

No specimens have been tested for any arbovirus in PA.

**COMMENTS:**

This is a very infrequently collected mosquito in Pennsylvania. In fact, it was a new state record in the year 2000. Only 7 larvae and 10 adults have been collected in PA. Four of the larvae were collected from the edges of ponds, 1 from a canal and 1 from a woodland pool. Western Equine encephalomyelitis (WEE) has been isolated from this species in Manitoba, but WEE does not occur in PA.

