

Arthropod Monitoring

Mosquito Studies: Collection of *Anopheles walkeri* Theobald

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In order to test for continued presence of *Anopheles walkeri* Theobald on the Upper Site, a CO₂ baited CDC miniature light trap in fan-only mode of operation was placed at the confluence of the Beaver Pond and flooded Area IV environs in late afternoon of September 12, 2007.

The trap was suspended at a height of ca .75 meters and a stream of CO₂ emitted from fermentation of sucrose was directed upward adjacent to the trap. The trap was picked up at about 8:00AM on September 13.

Six adult female *An. walkeri* were collected and placed in the permanent research collection, documenting continued presence of this species at the Upper Site. No on-site attempts to collect larvae were made, so actual development of a resident population has not yet been demonstrated.

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