

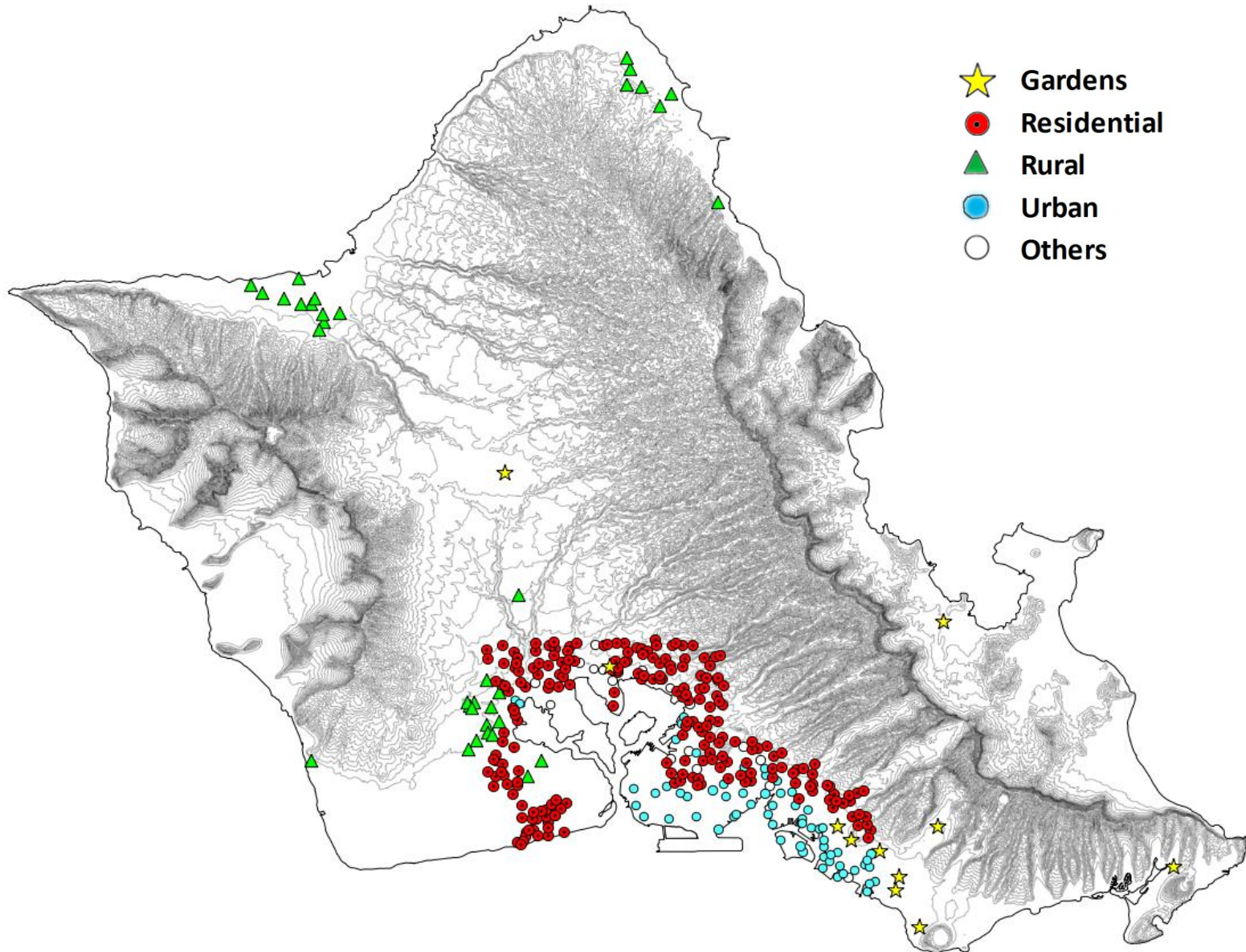
# Supplementary online material for:

**Abundance and seasonal occurrence of pest fruit flies  
(Diptera: Tephritidae) in residential and rural areas of  
Oahu (Hawaiian Islands)**

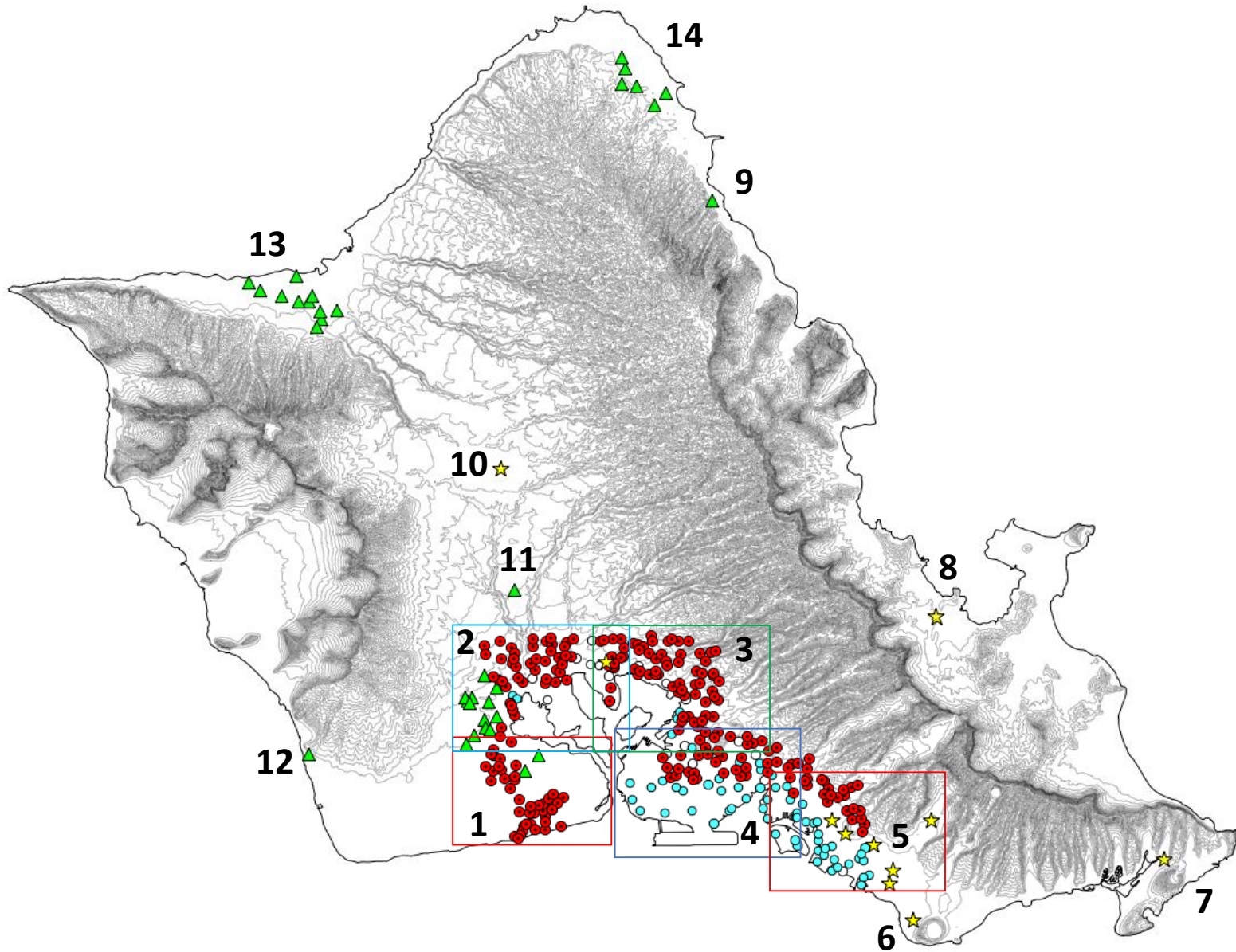
Luc Leblanc, Steven Graham, Steve McNeil,  
Kurt Pohlman, Michael Dinneen, and Brian Fujita

Published in the  
2014  
Proceedings of the Hawaiian Entomological Society  
(Volume 46: pages 9-24)

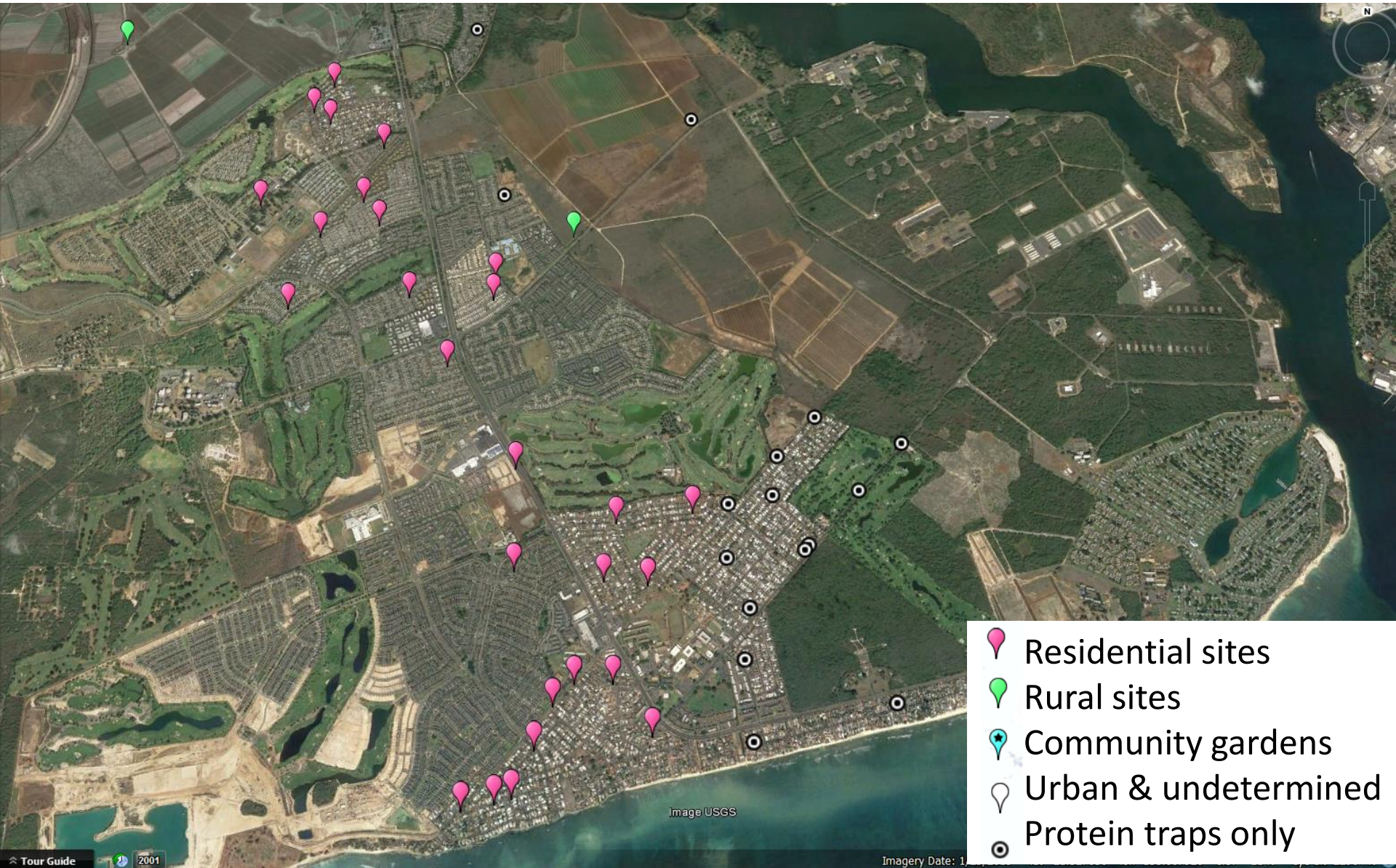
# All trapping sites, coded by habitat/region



# Legend for detailed satellite views



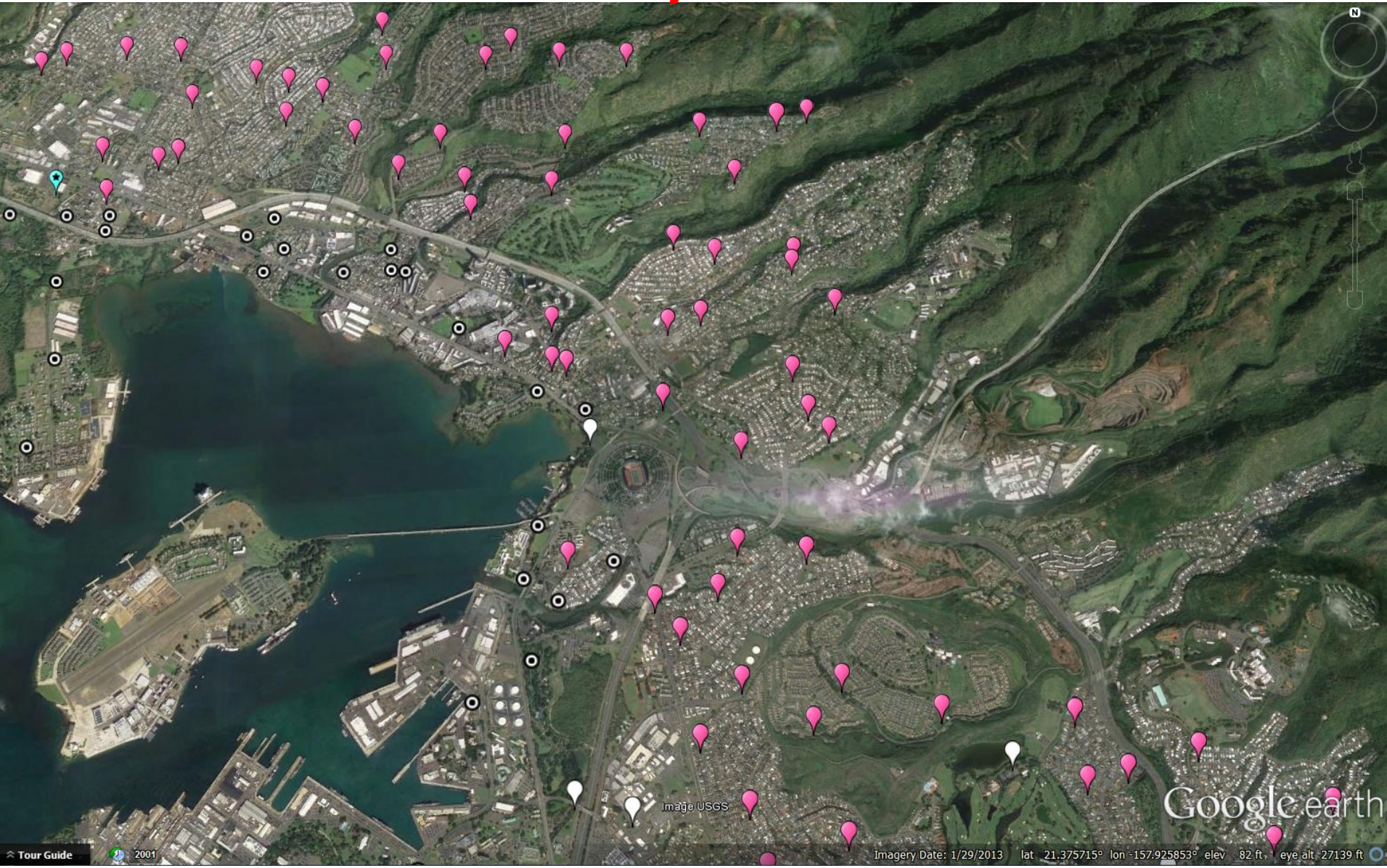
# 1 - Ewa



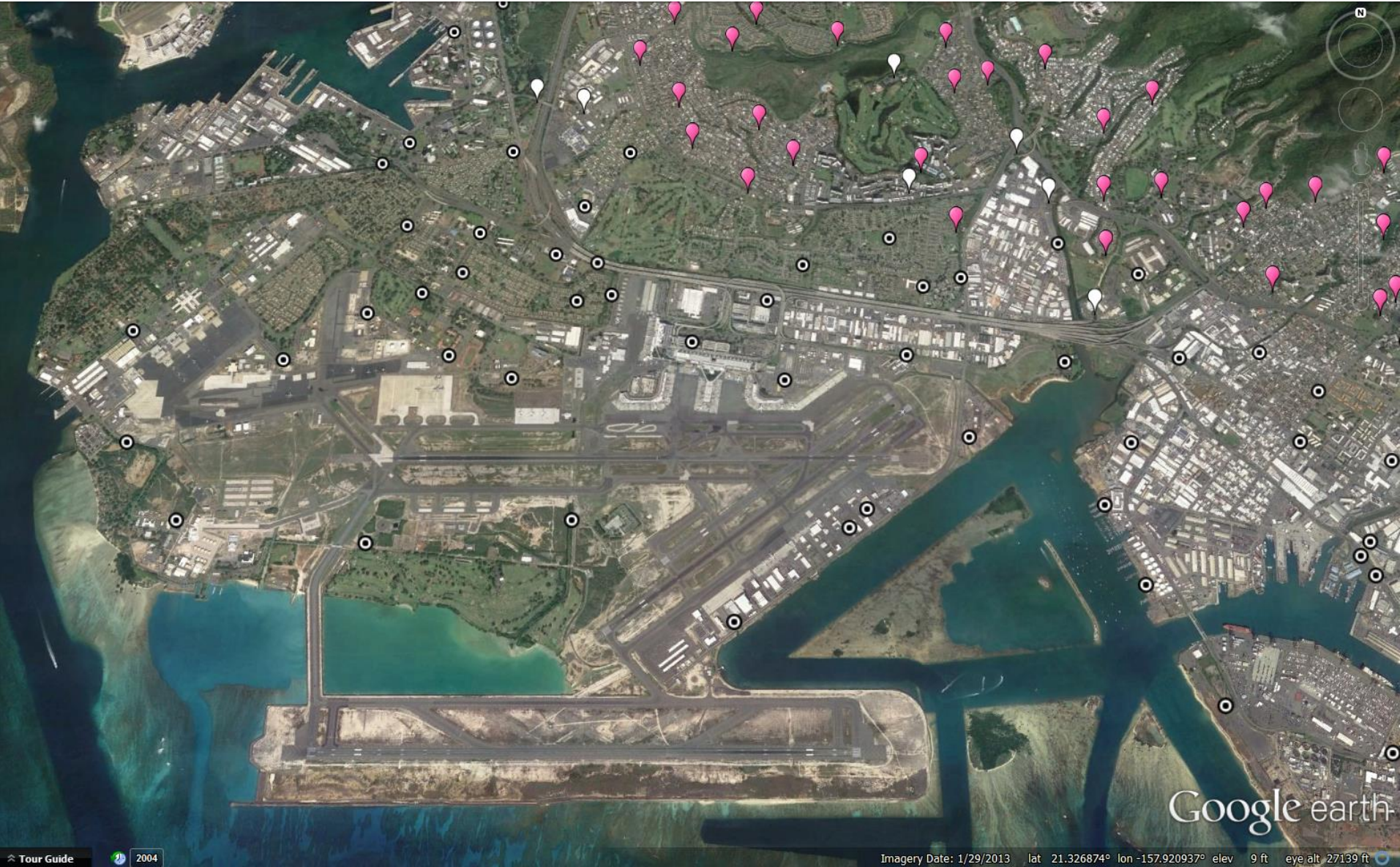
## 2 – Waipahu and rural (south)



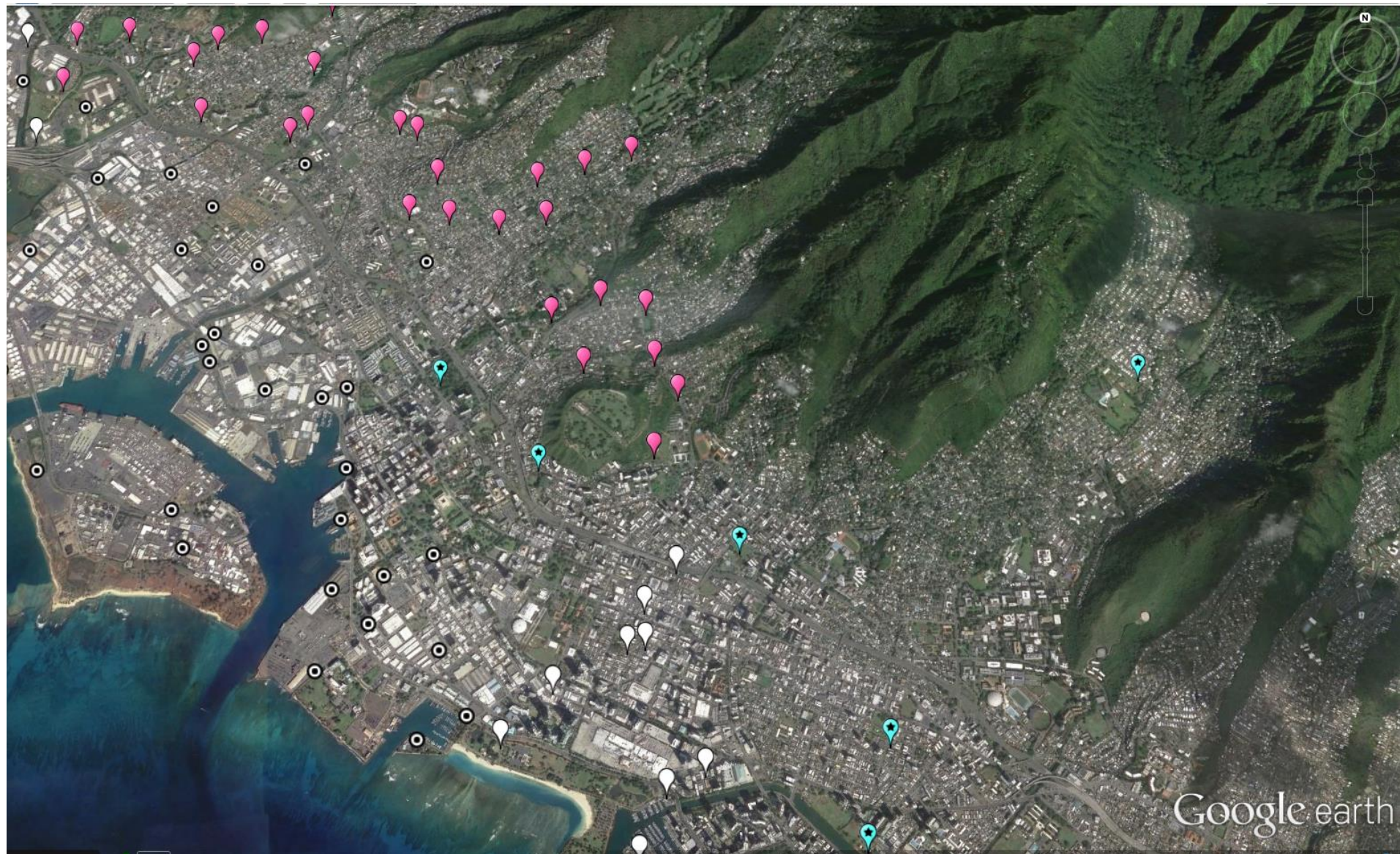
# 3 – Pearl City - Aiea



# 4 – Hickam AFB & airport



# 5 – Honolulu





## 6 – Diamond Head community gardens



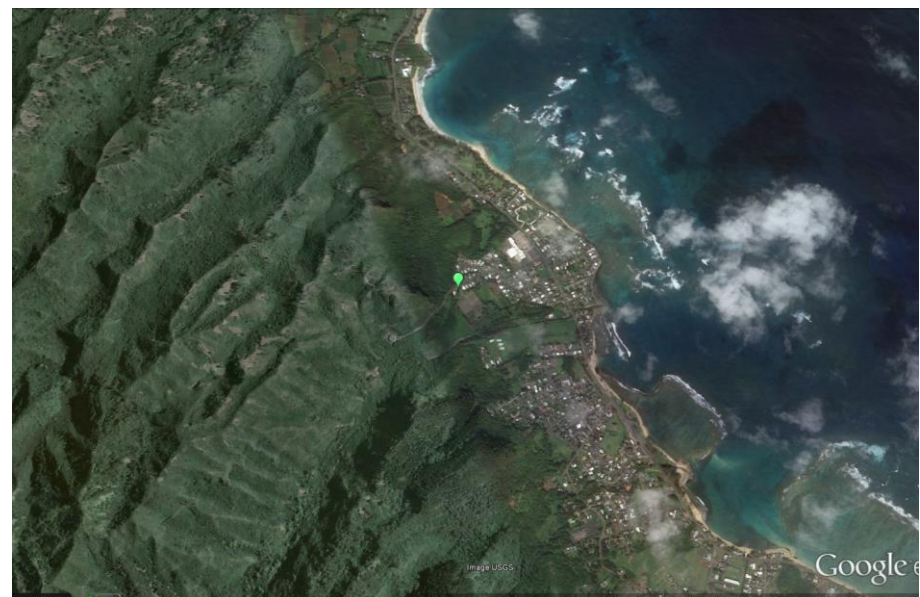
## 7 – Hawaii Kai community gardens



## 8 – Kaneohe community gardens



## 9 – Green Growers Inc., Hauula



## 10 – Wahiawa community gardens



## 11 – Mililani Osagawara Farm



## 12 – Waimanalo Gulch landfill



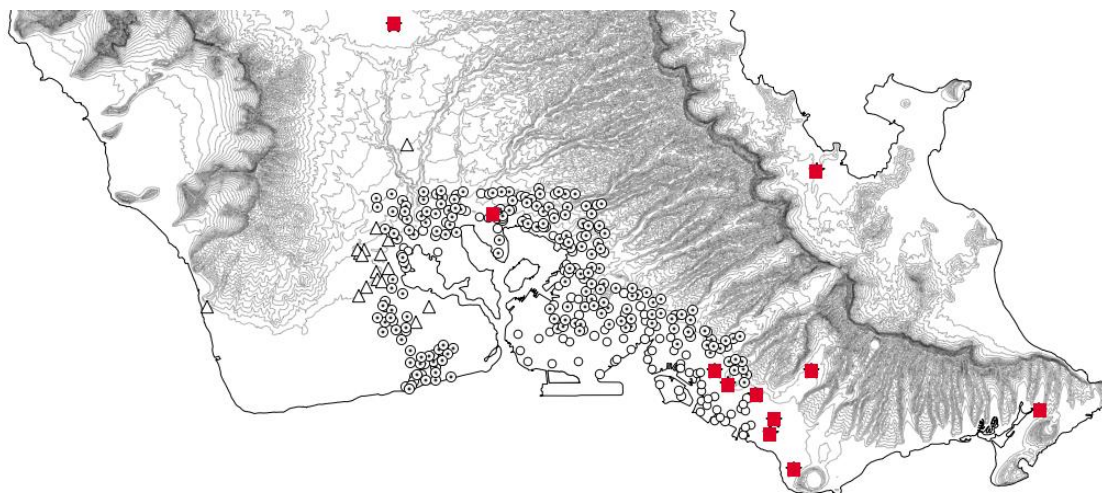
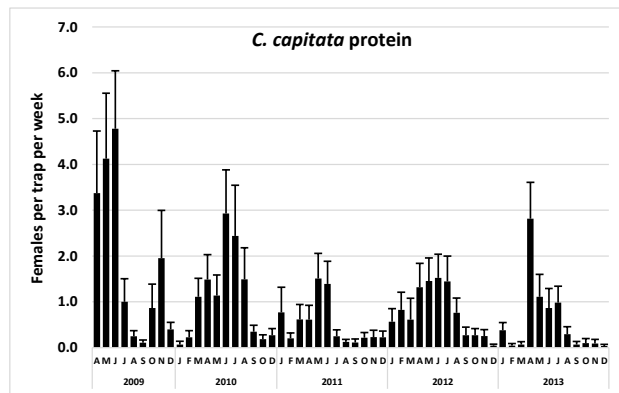
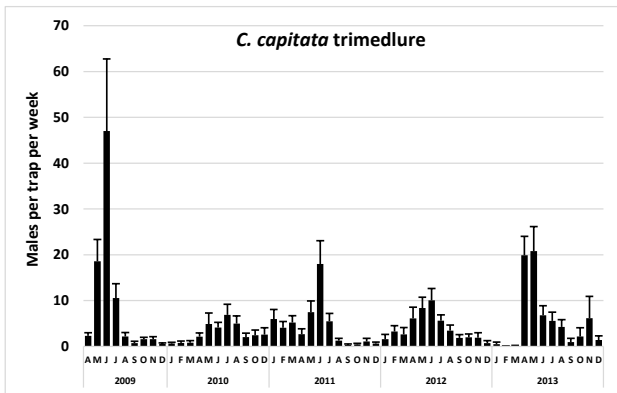
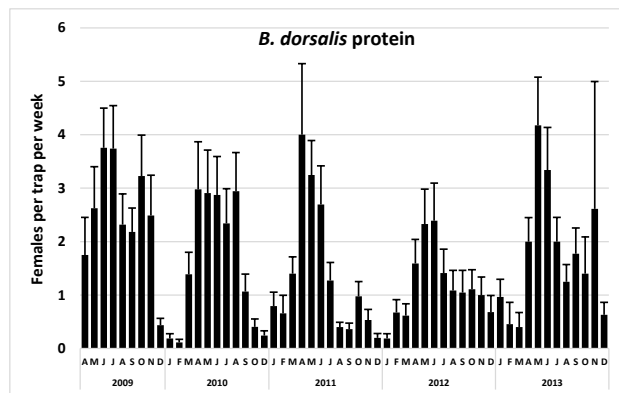
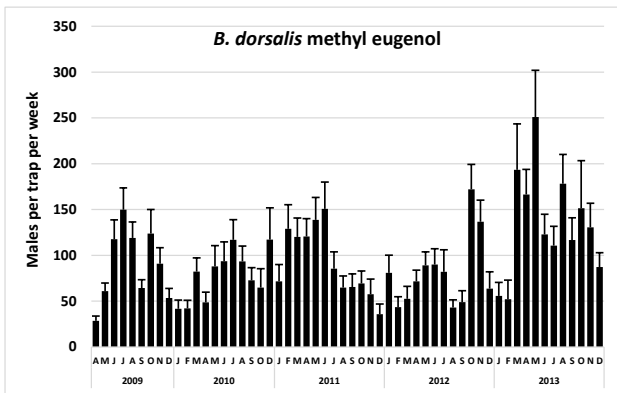
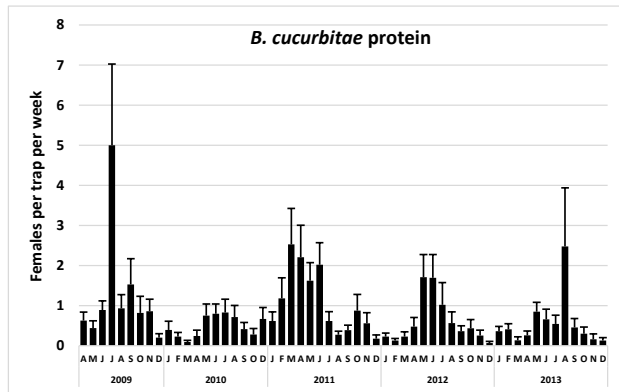
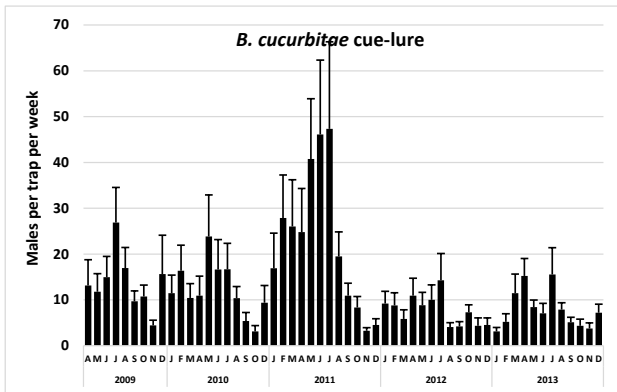
# 13 – Waialua



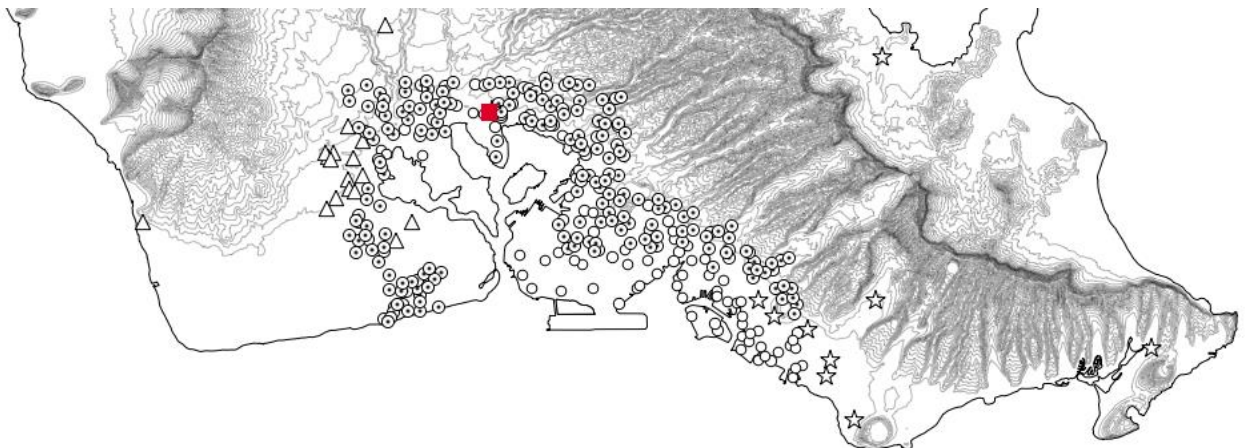
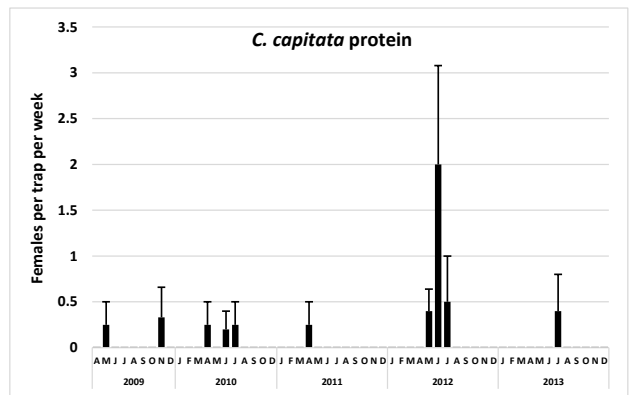
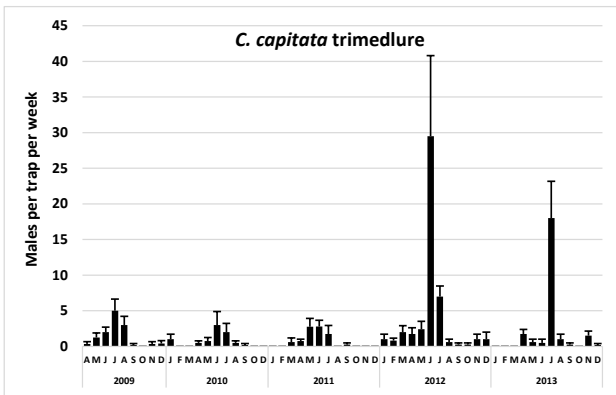
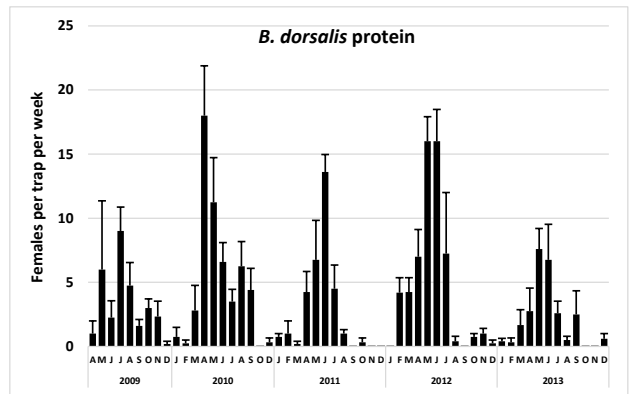
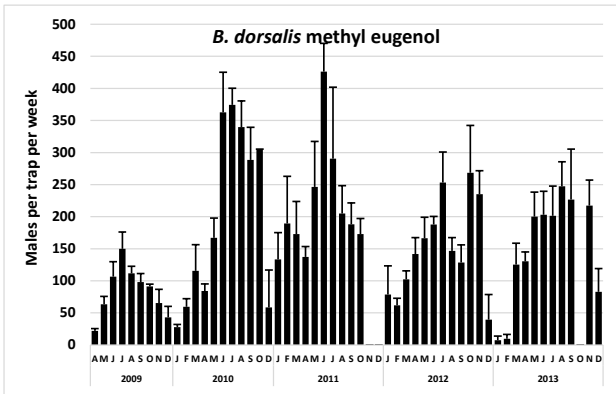
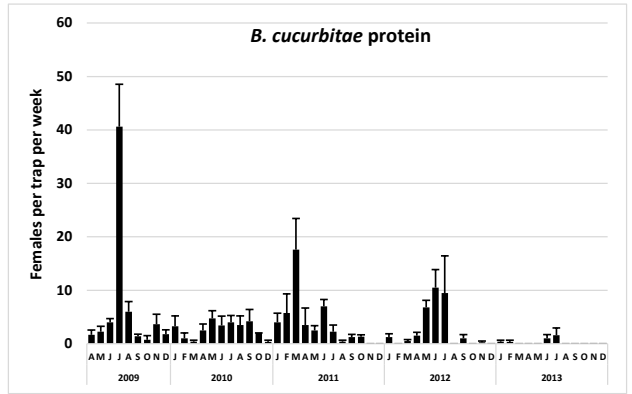
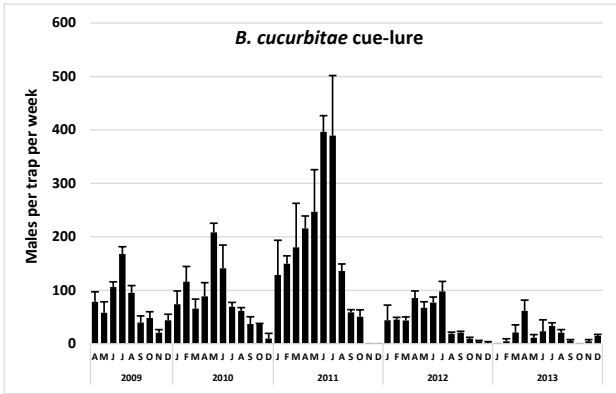
# 14 – Kahuku - Laie



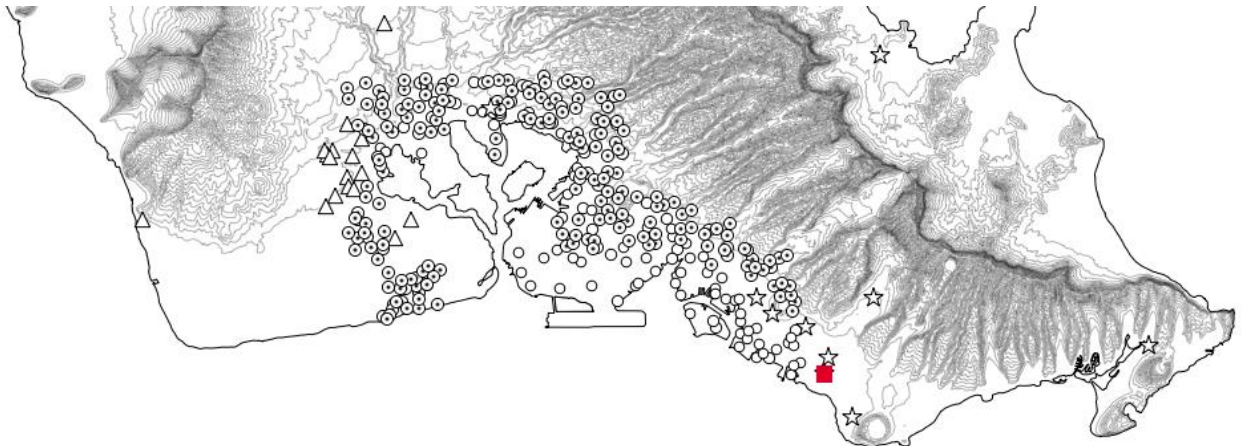
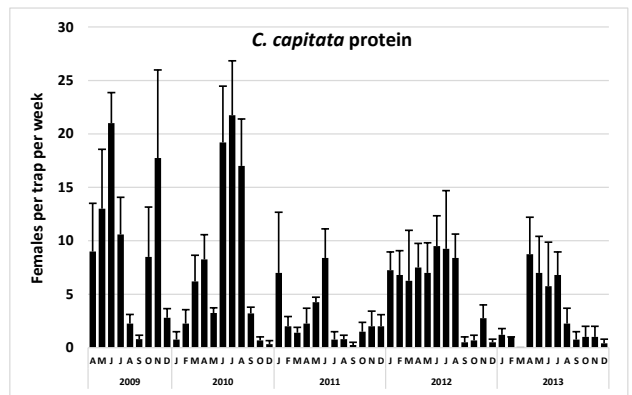
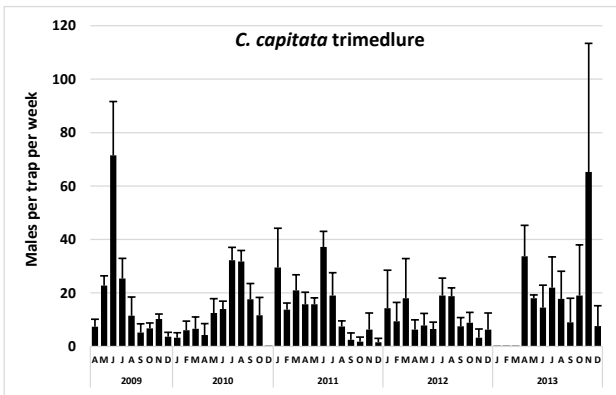
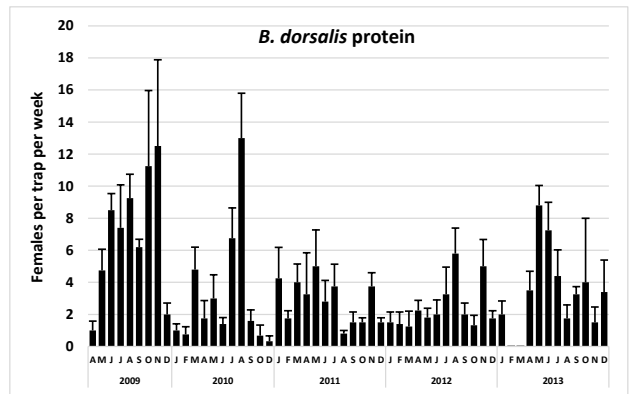
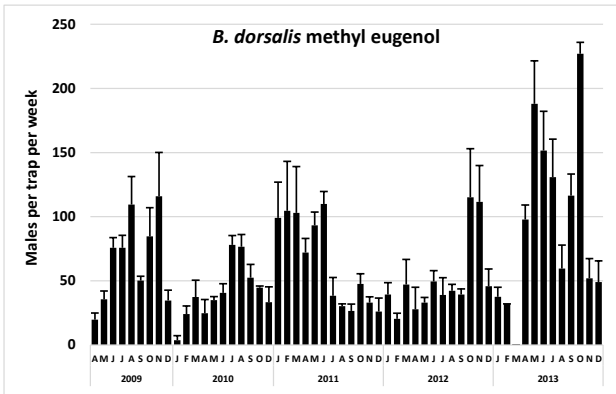
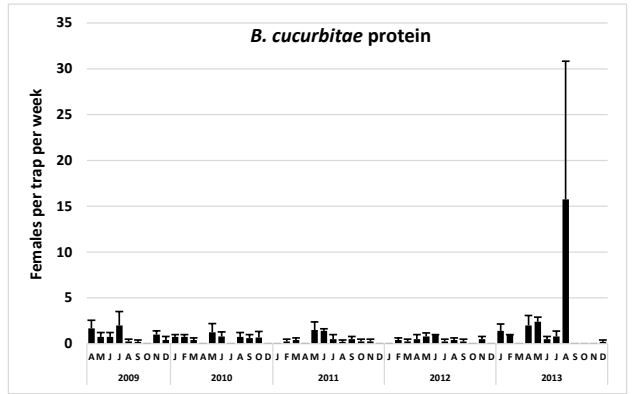
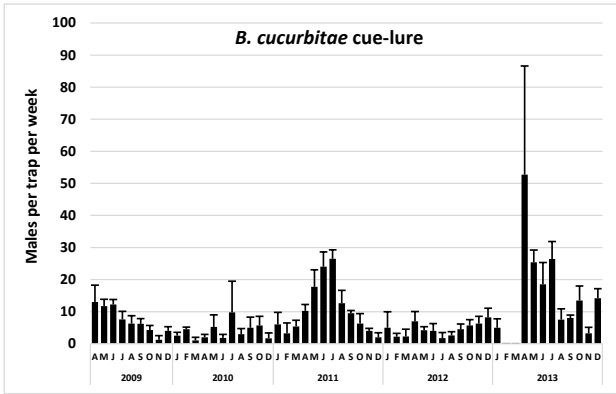
# Community Gardens (all sites)



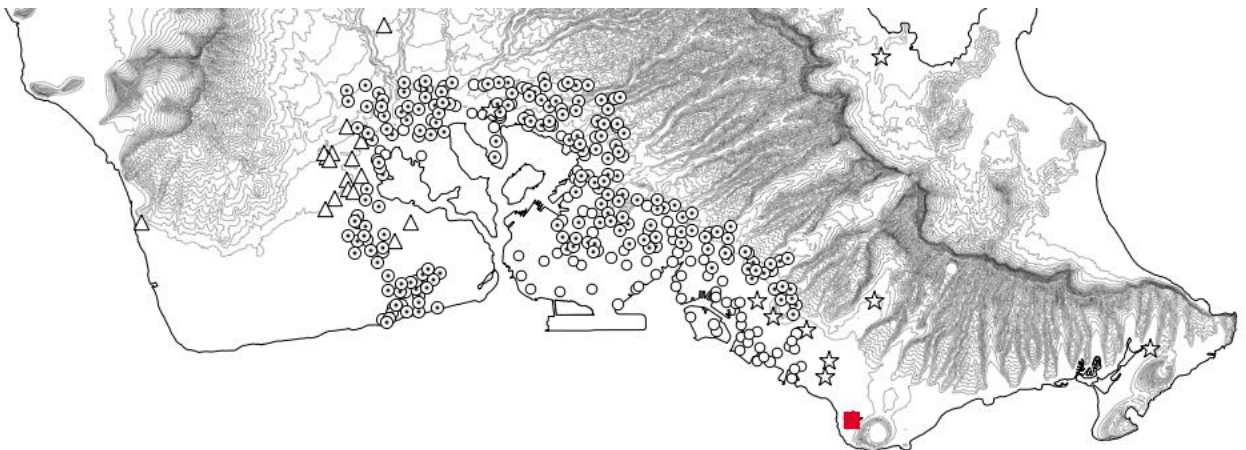
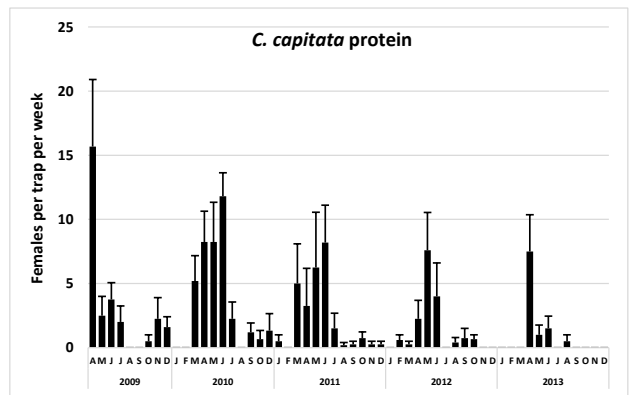
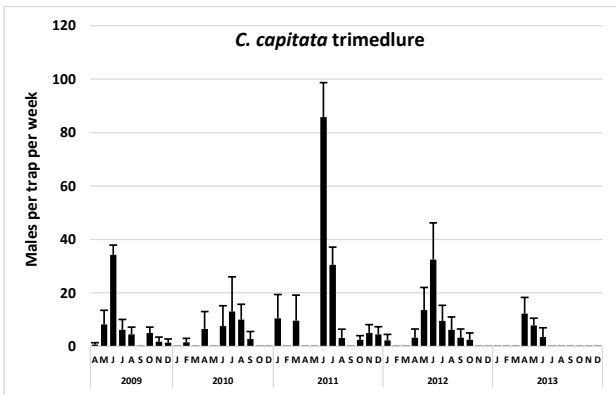
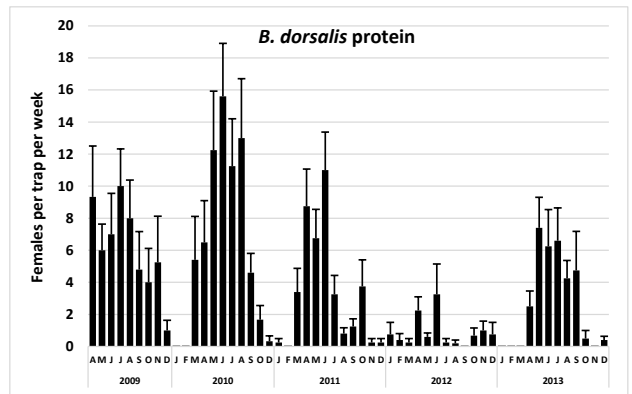
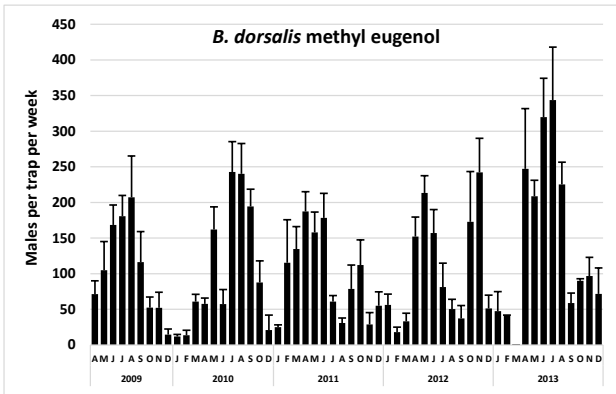
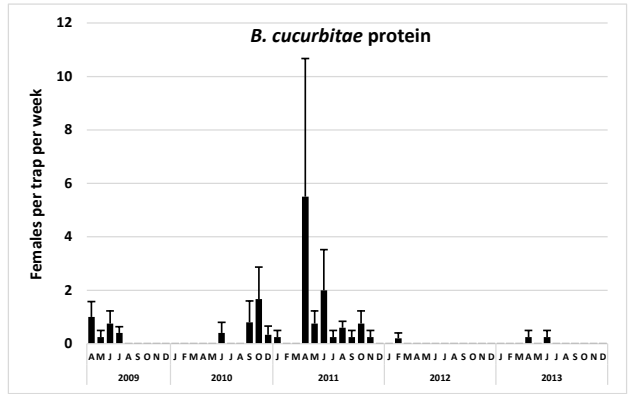
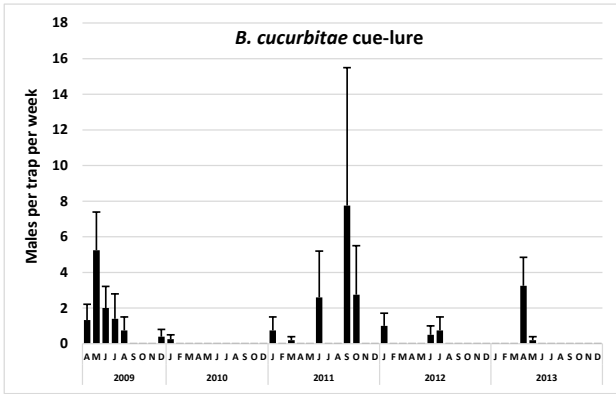
# Garden site 38: Pearl City Urban Garden



# Garden site 88: Ala Wai Community Garden

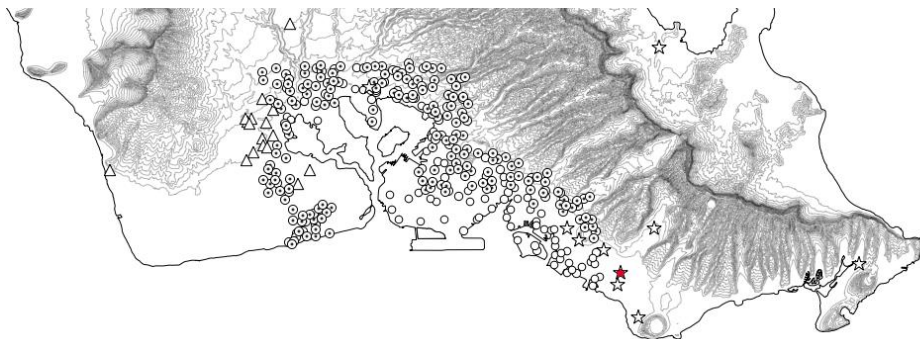
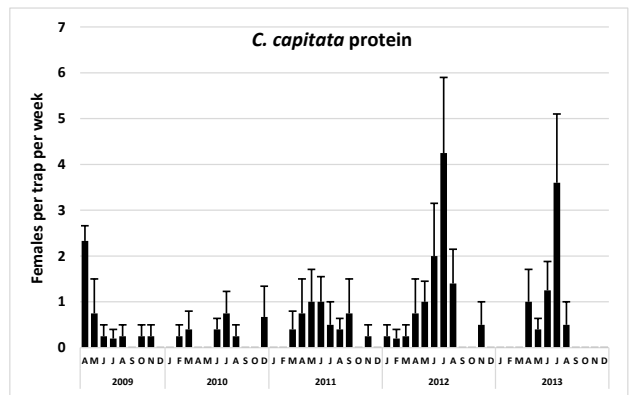
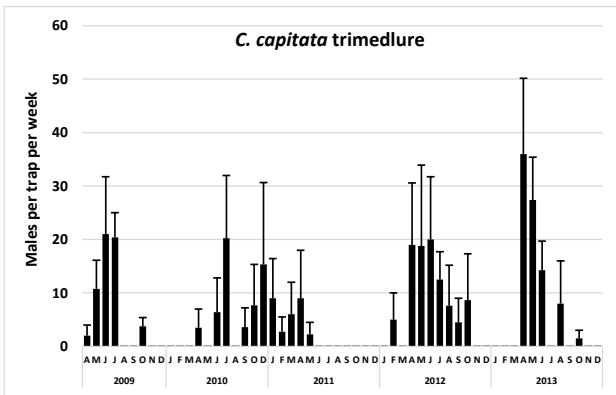
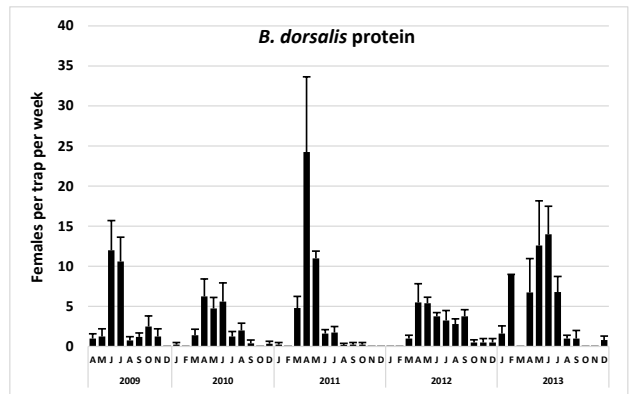
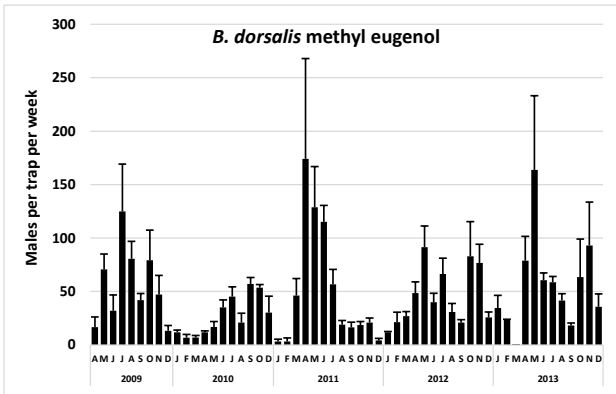
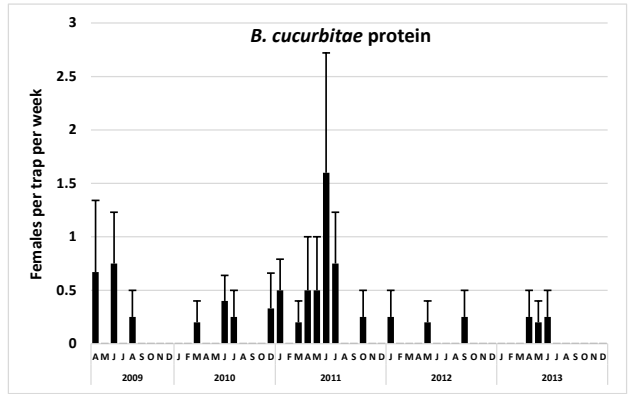
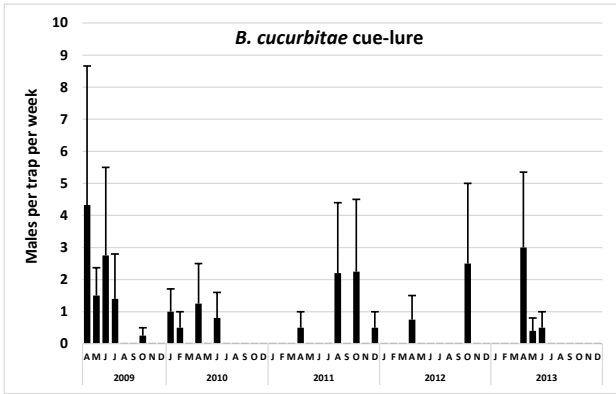


# Garden site 89: Diamond Head Community Garden

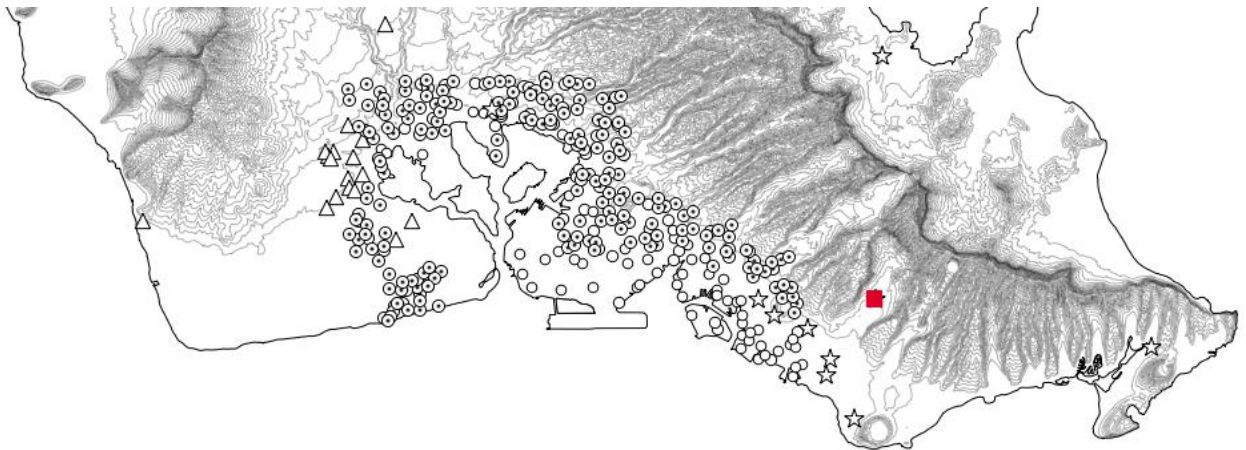
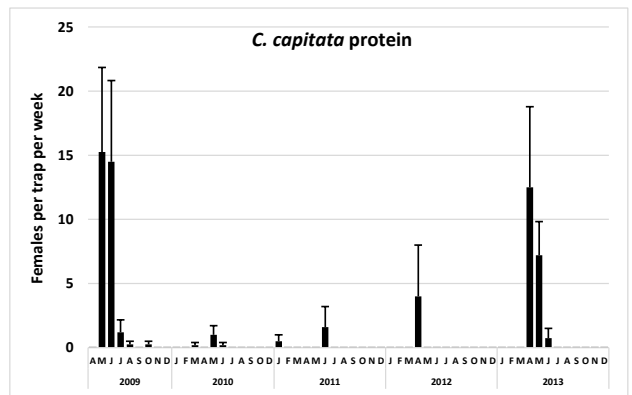
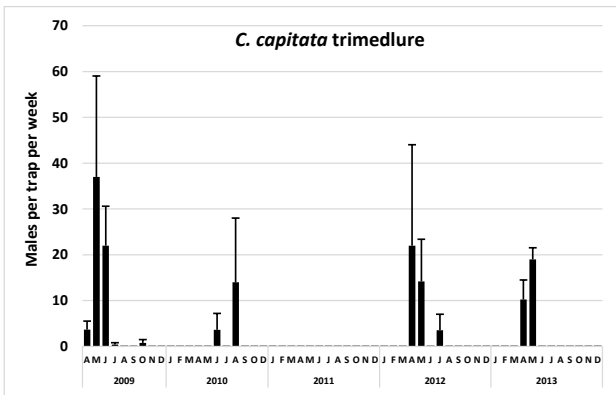
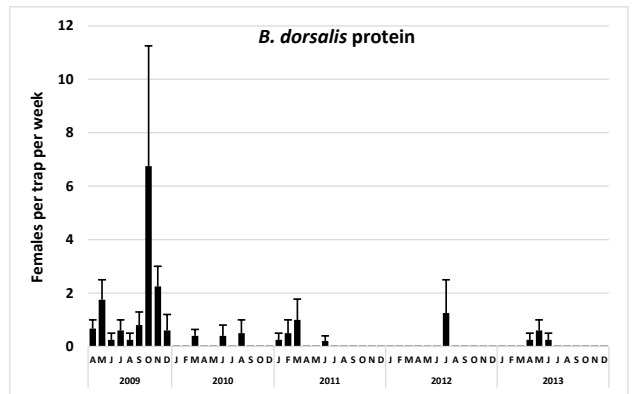
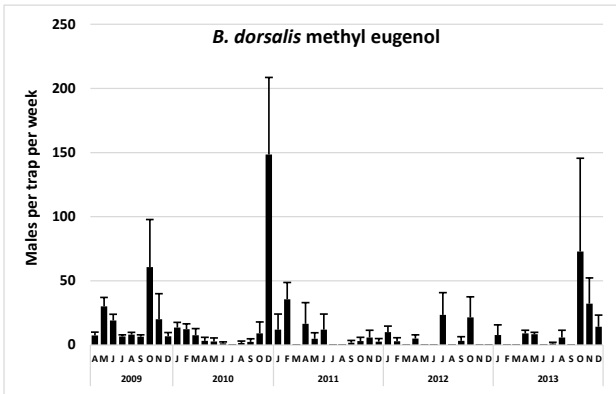
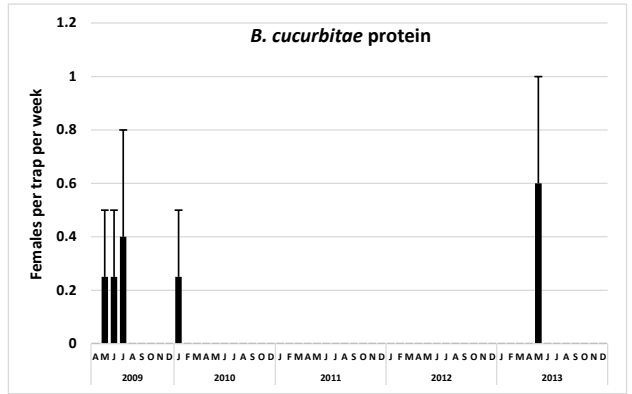
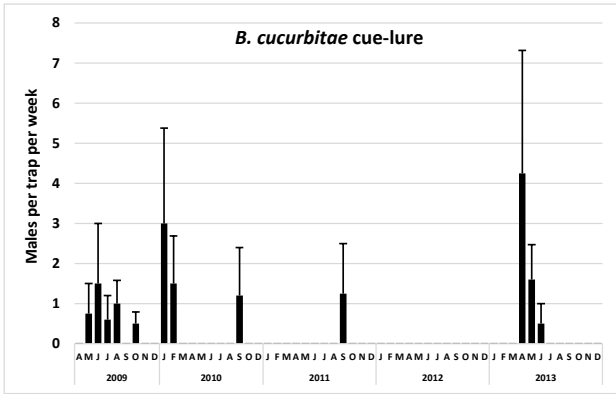




# Garden site 90: Moiliili Community Garden

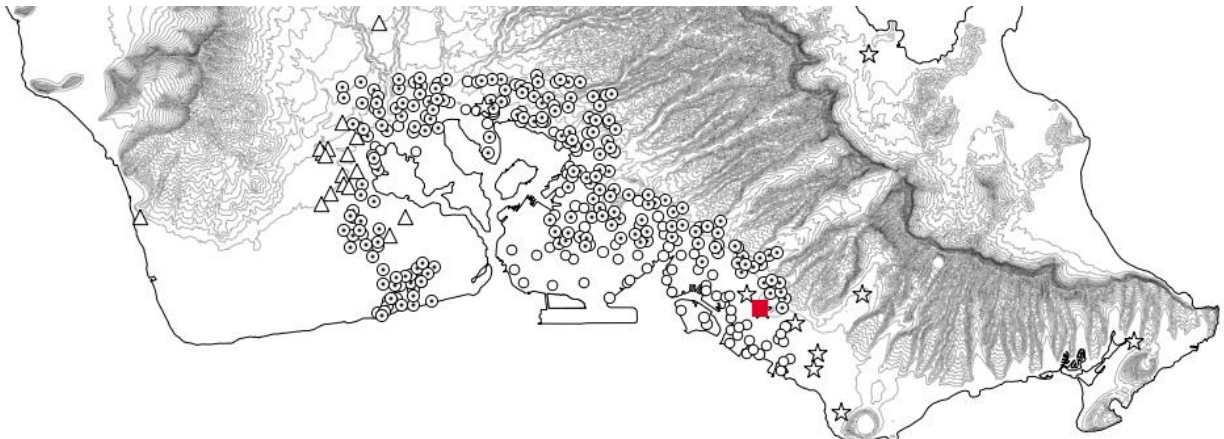
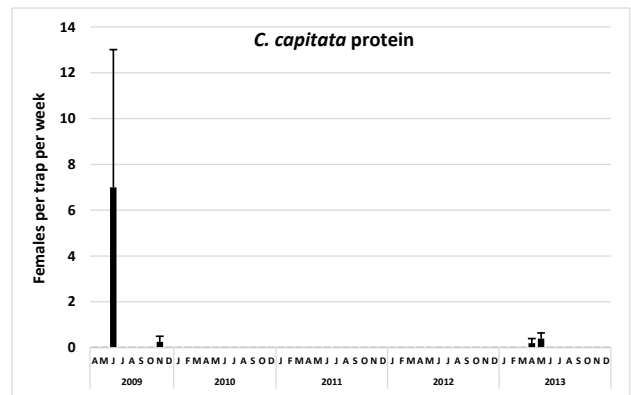
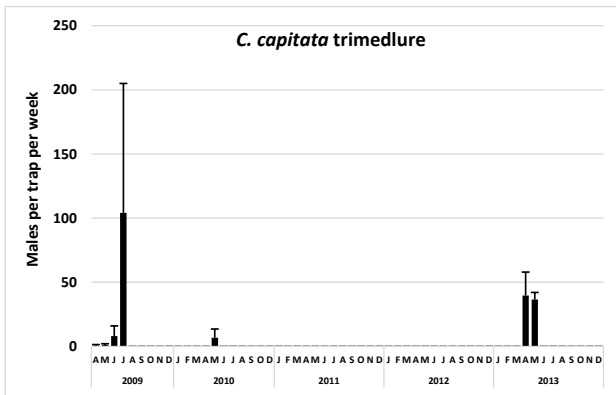
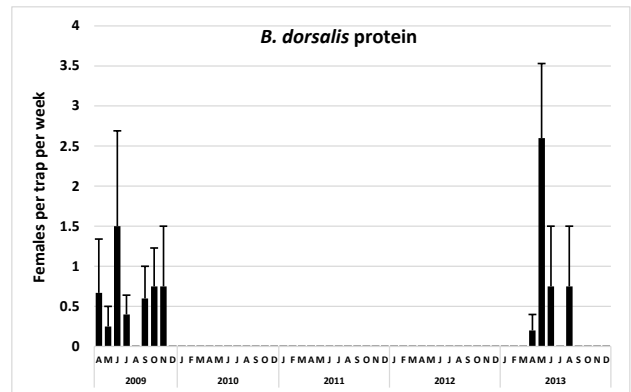
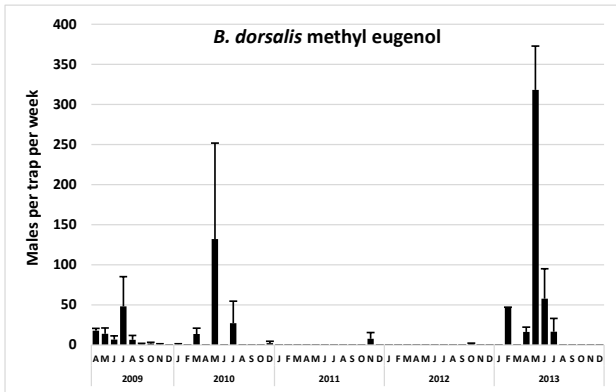
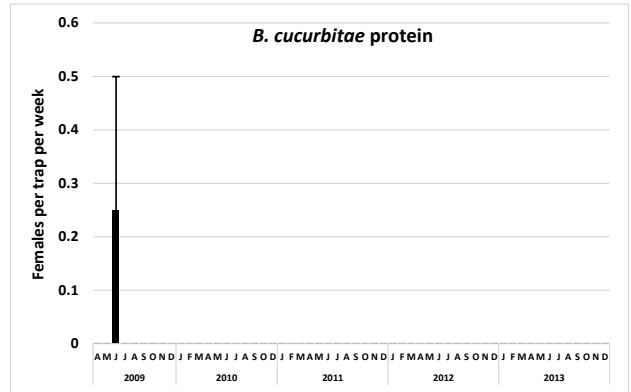
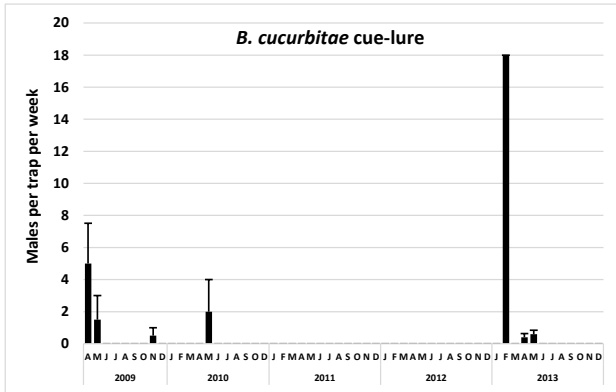


# Garden site 91: Manoa Community Garden

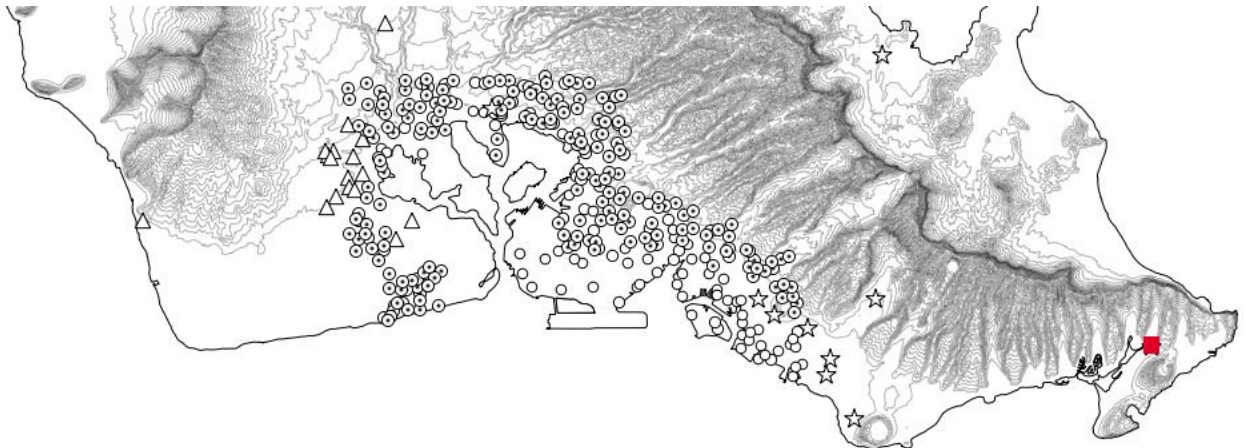
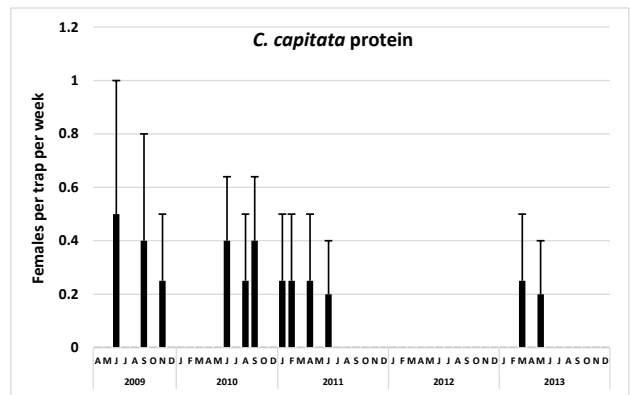
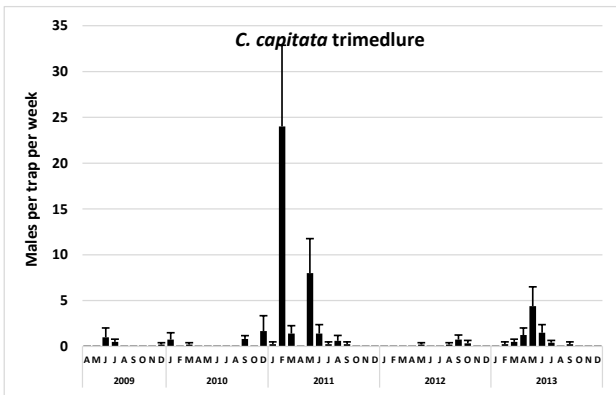
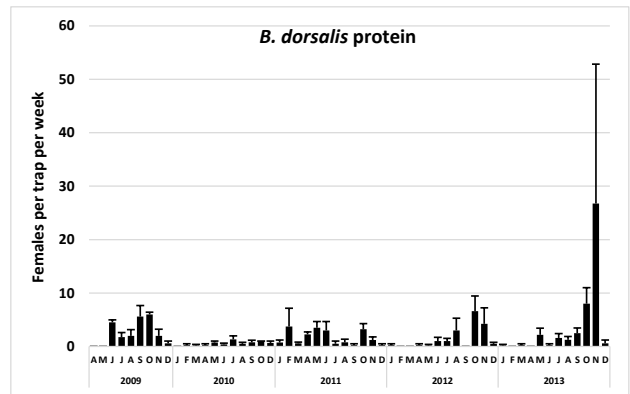
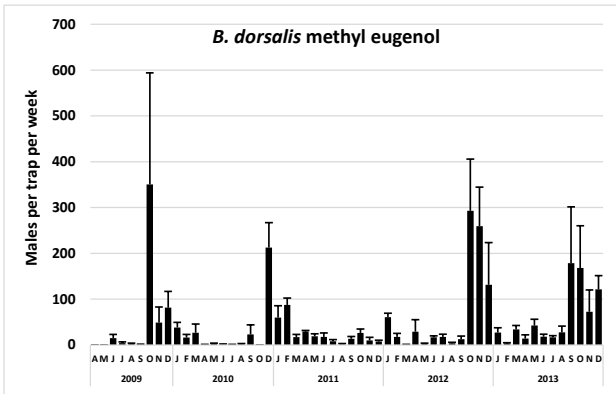
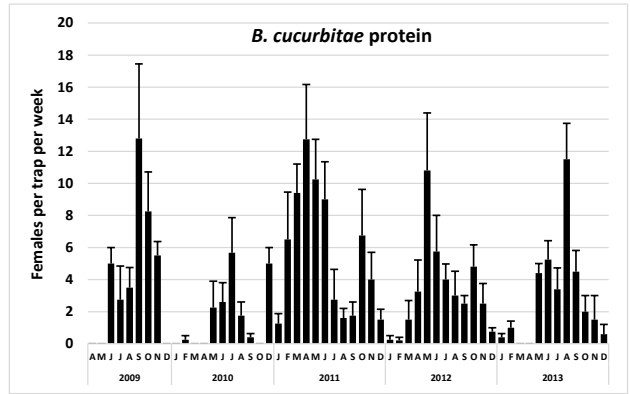
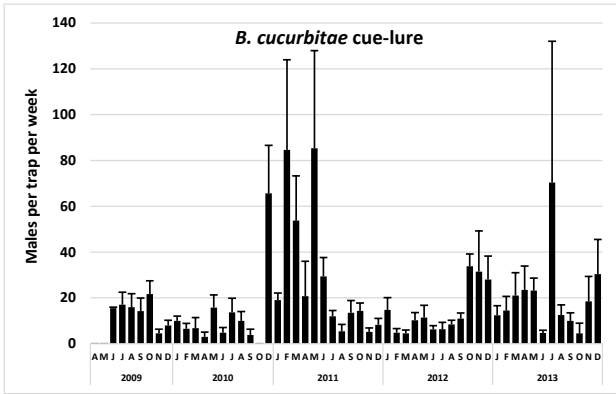




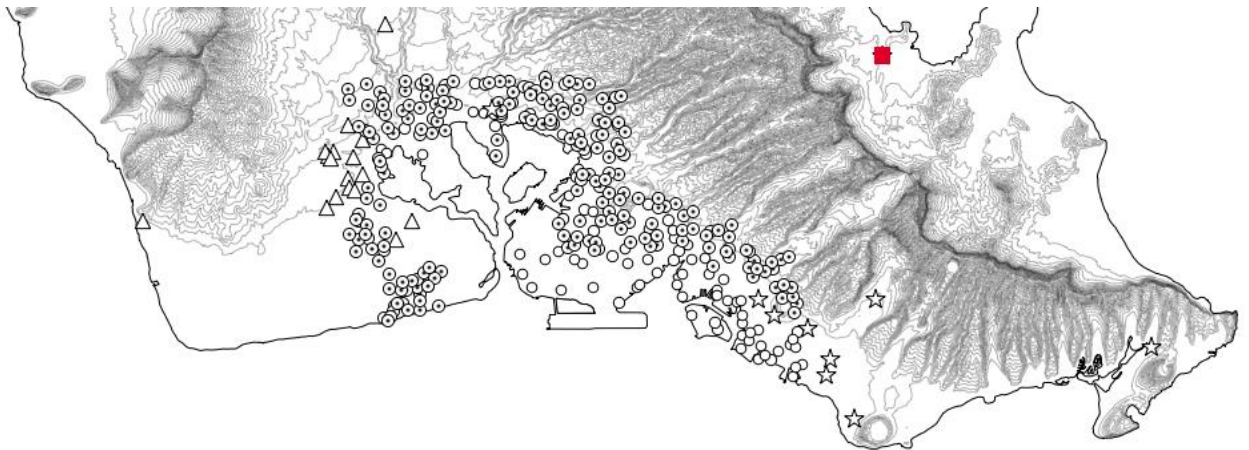
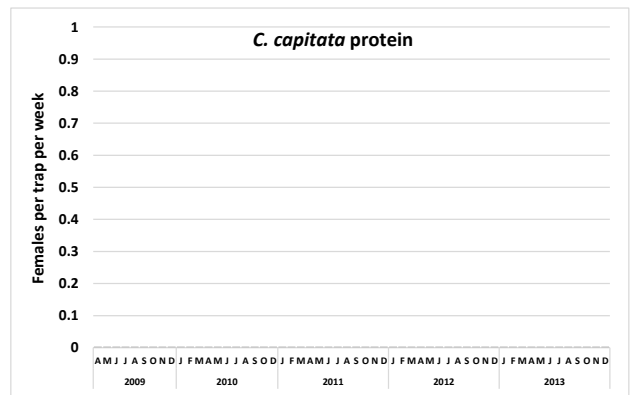
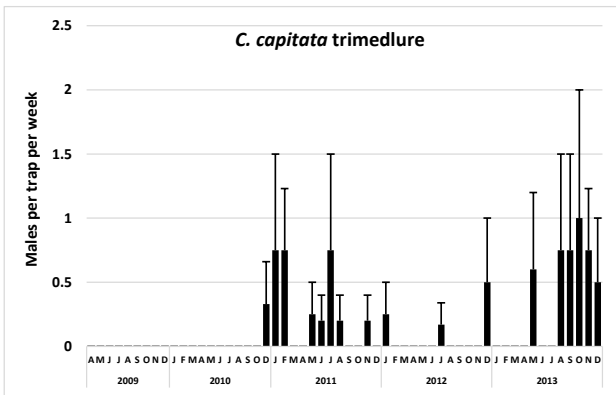
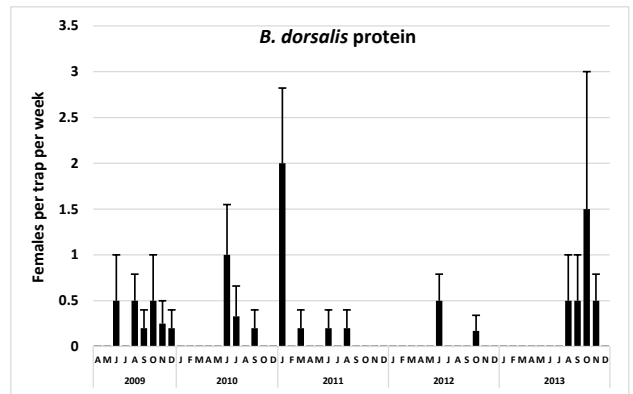
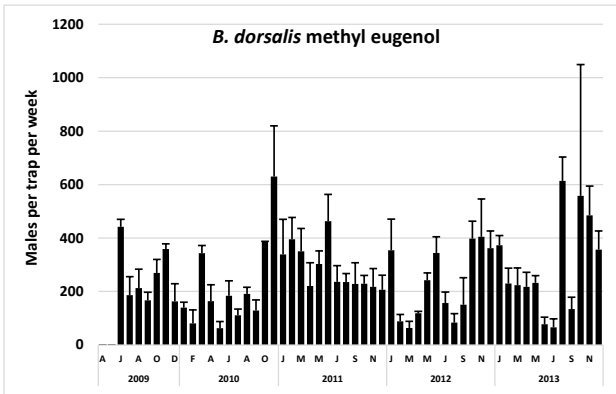
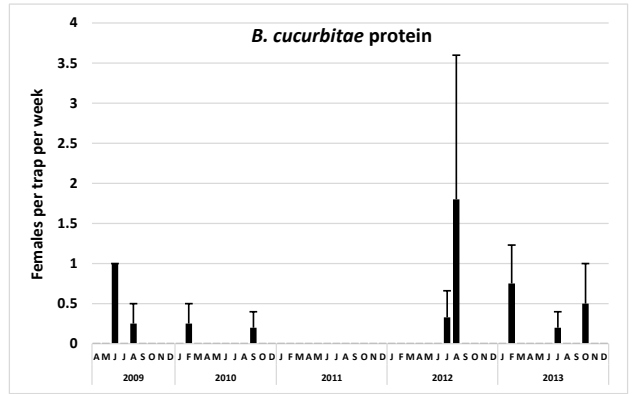
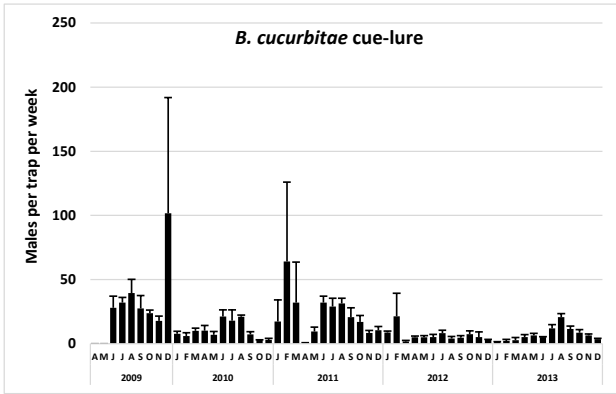
# Garden site 96: Dole Community Garden



# Garden site 104: Hawaii Kai Community Garden

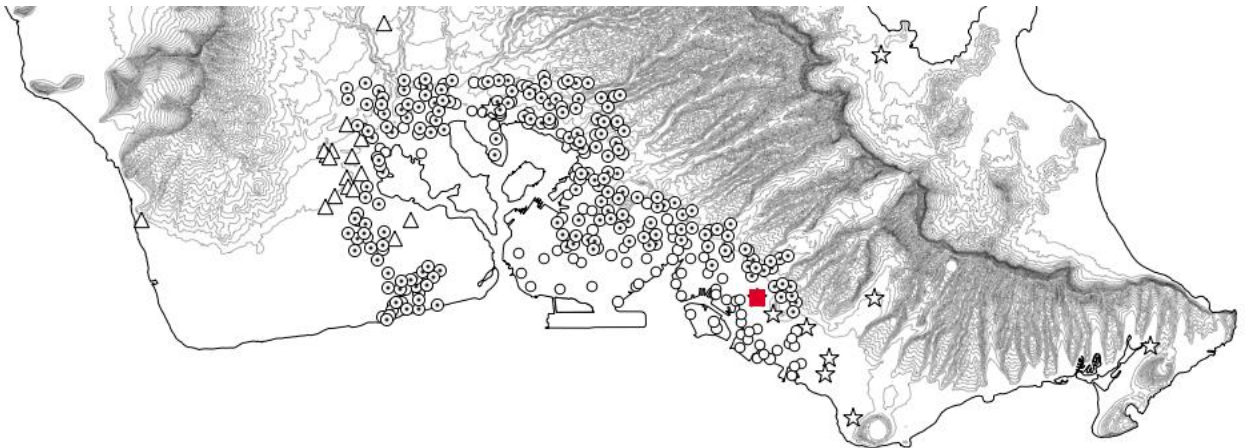
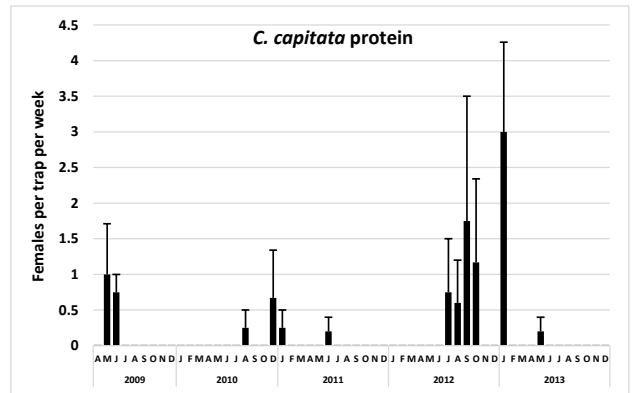
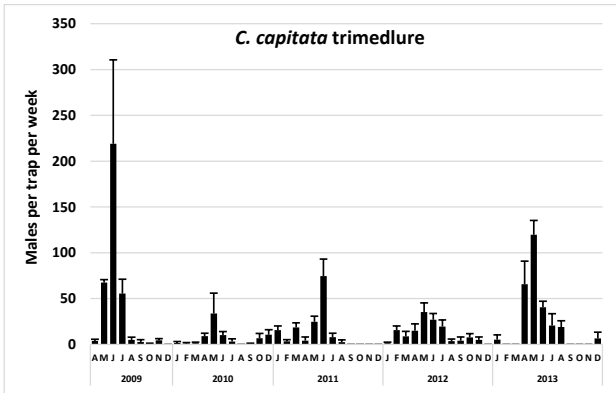
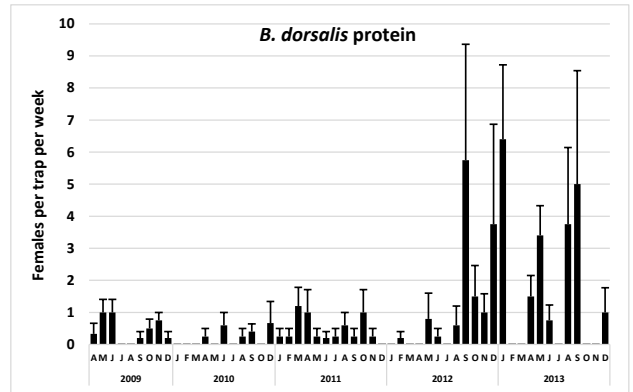
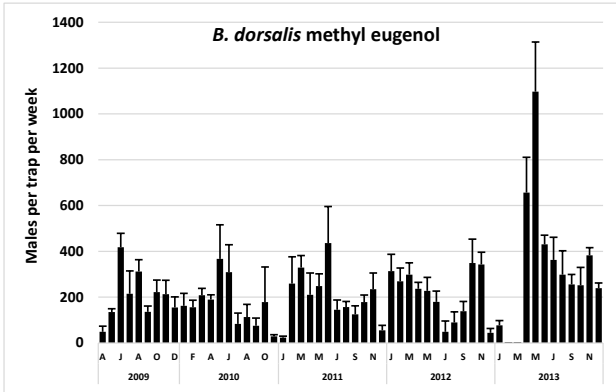
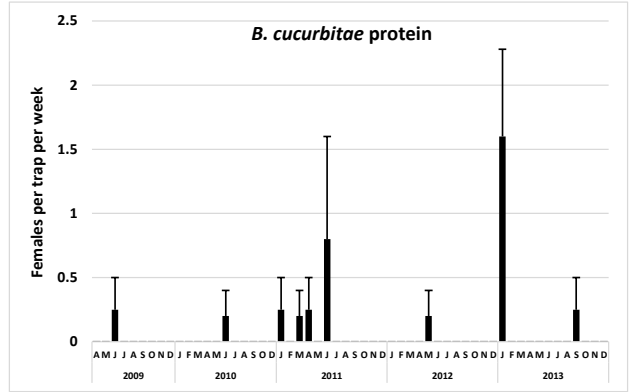
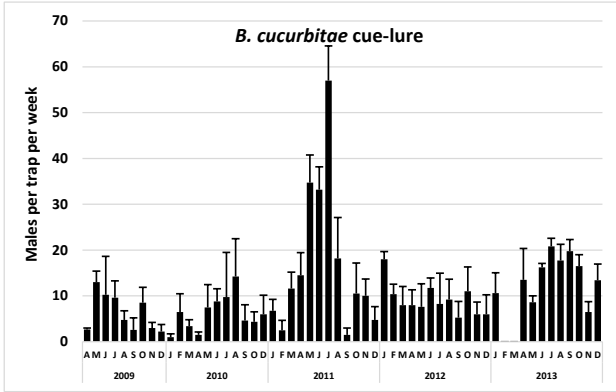


# Garden site 105: Kaneohe Community Garden



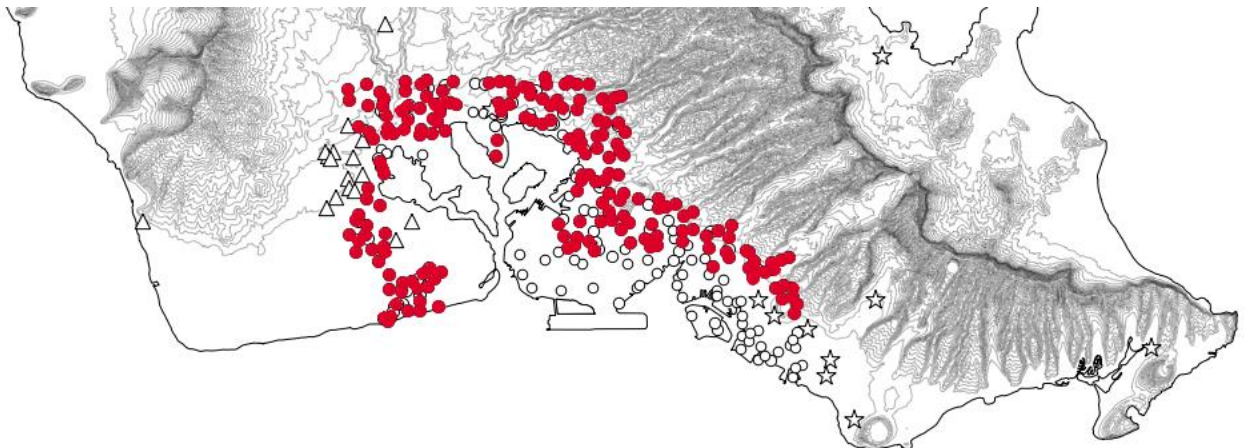
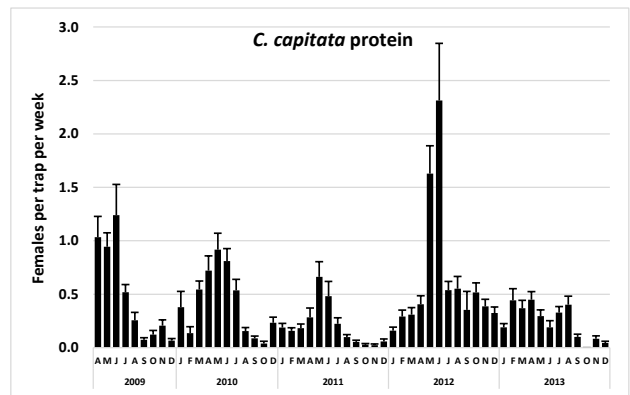
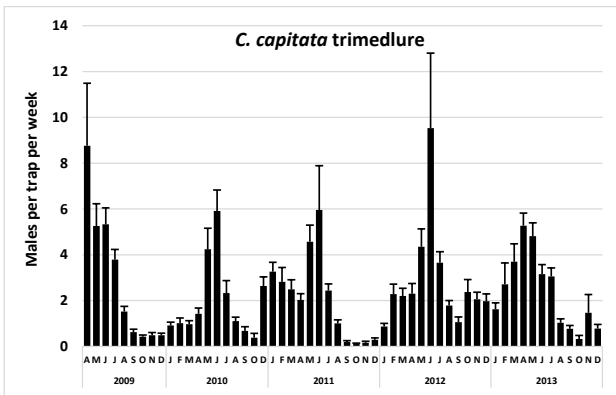
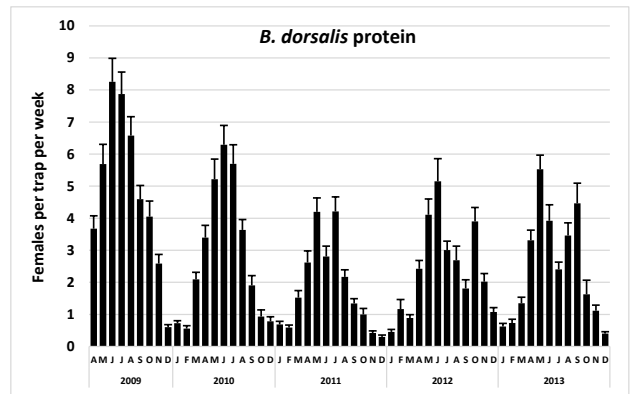
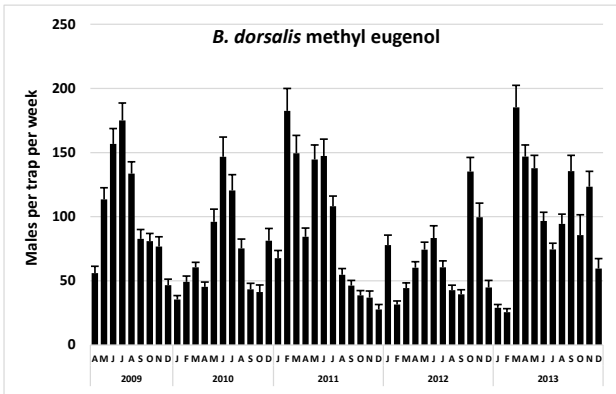
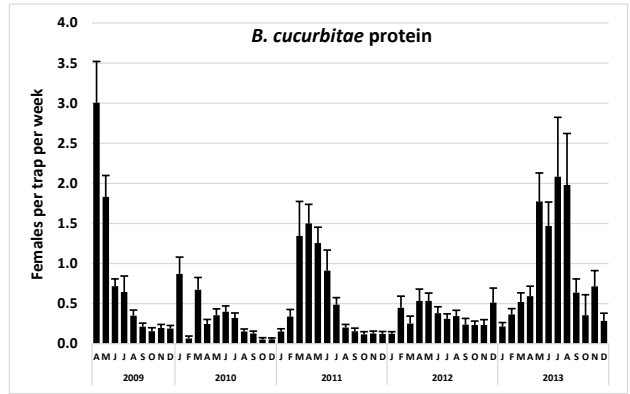
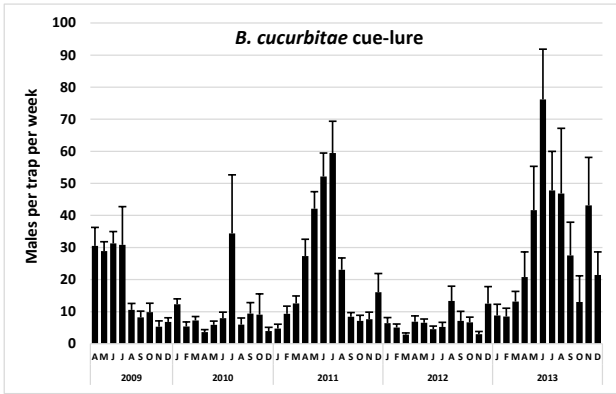


# Garden site 349: Foster Community Garden

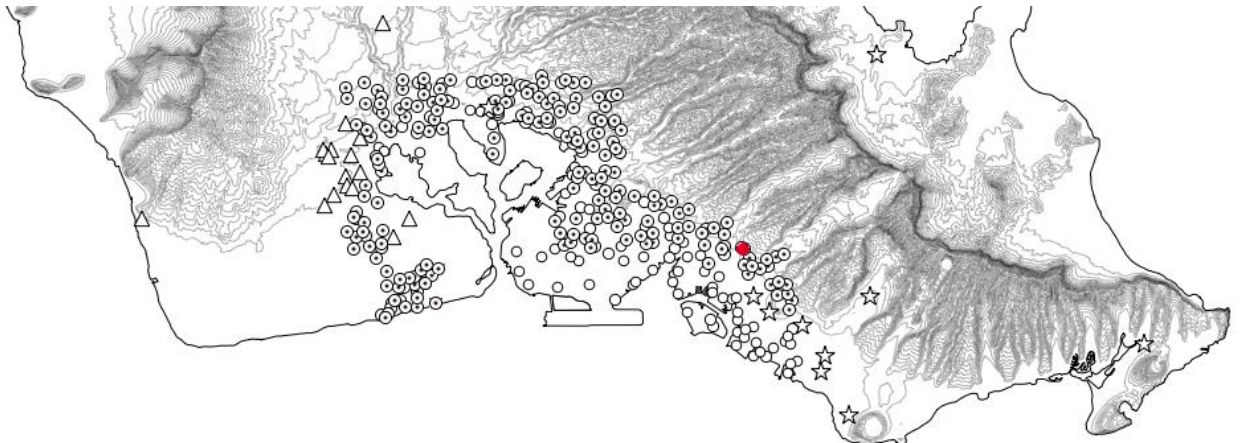
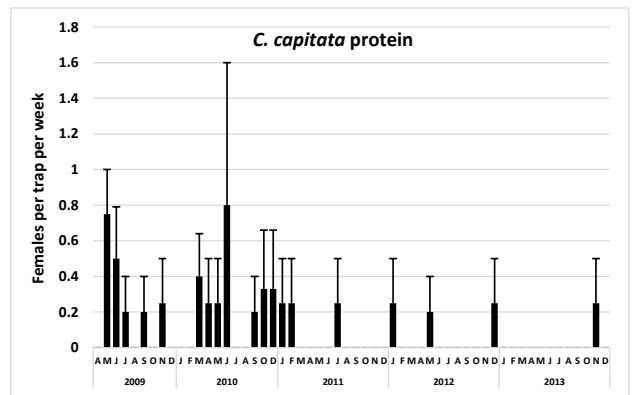
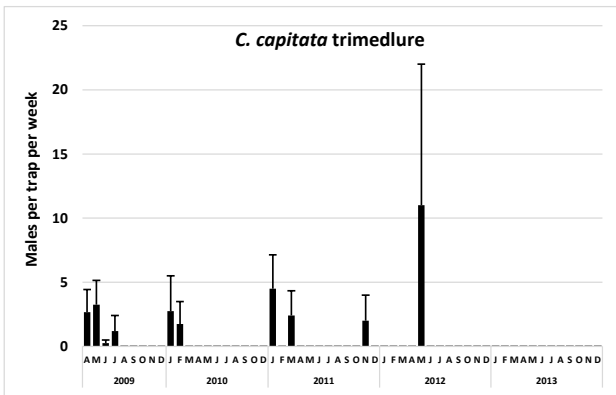
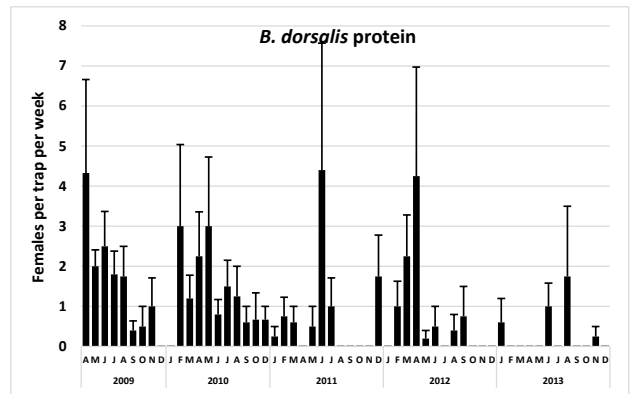
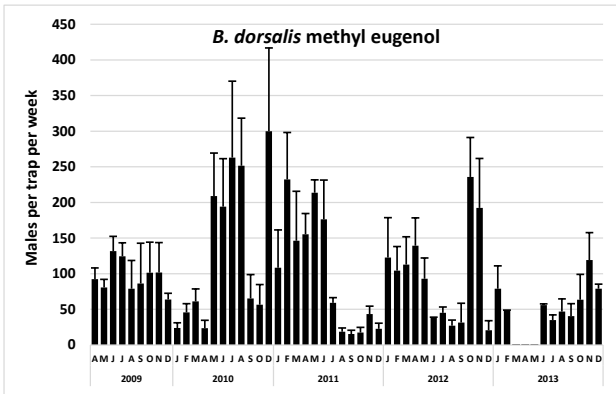
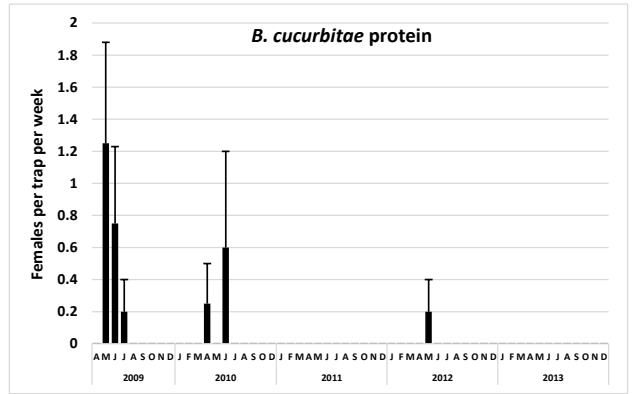
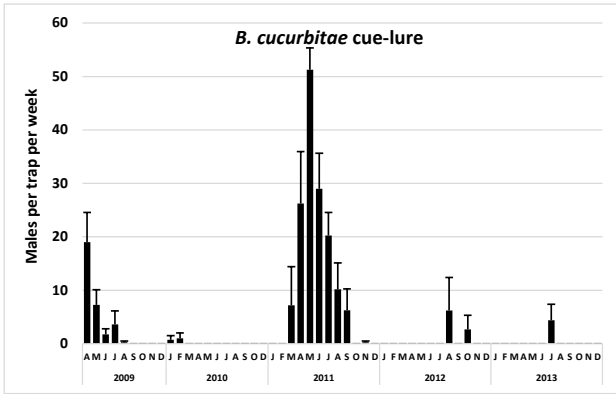




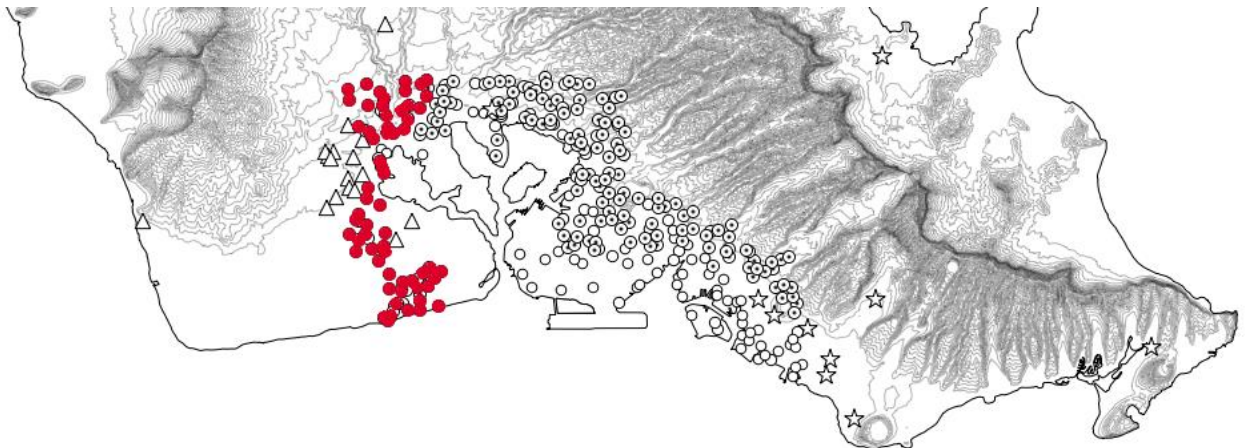
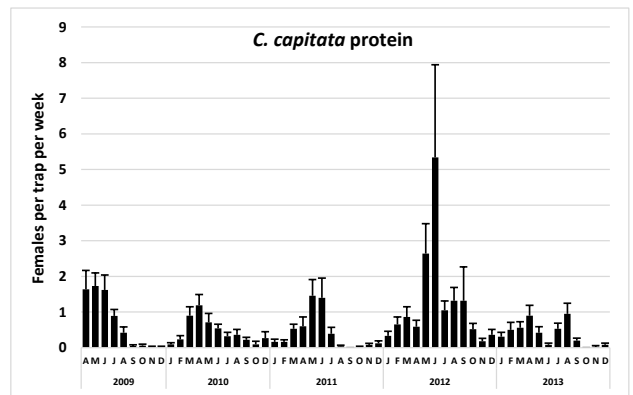
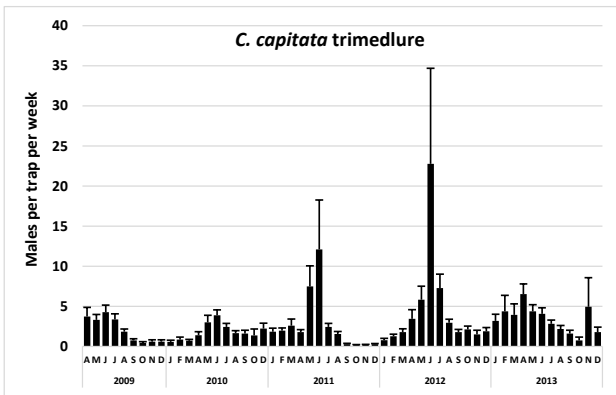
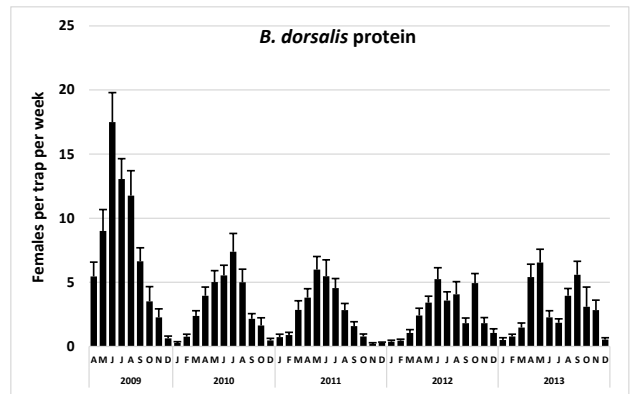
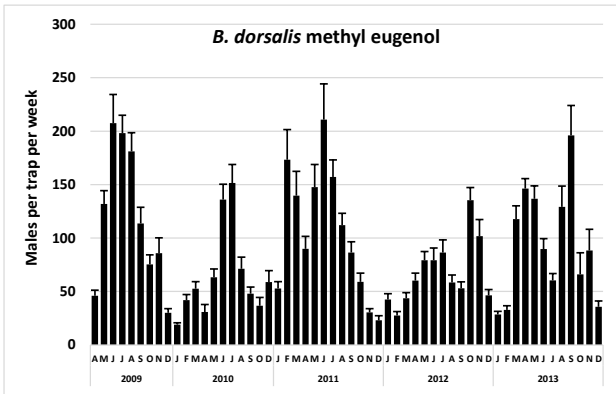
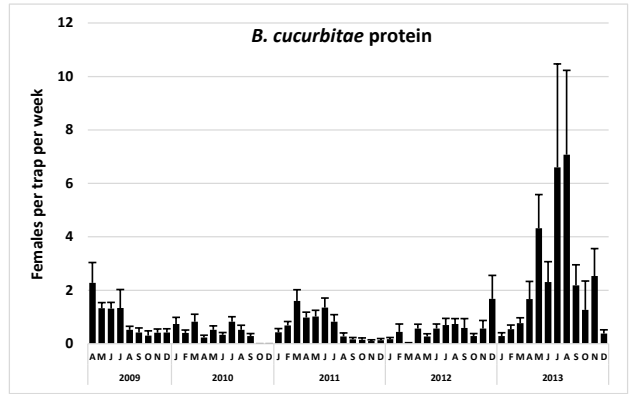
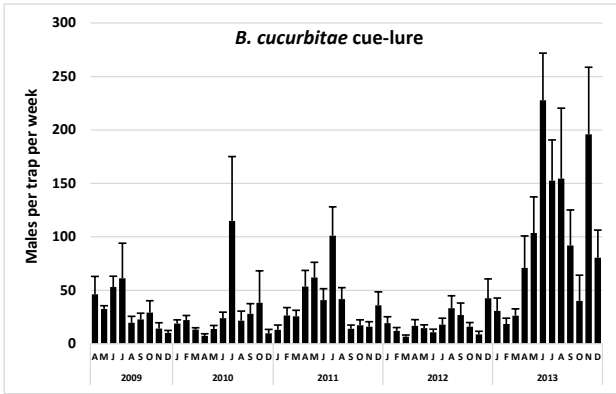
# Residential areas (all sites)



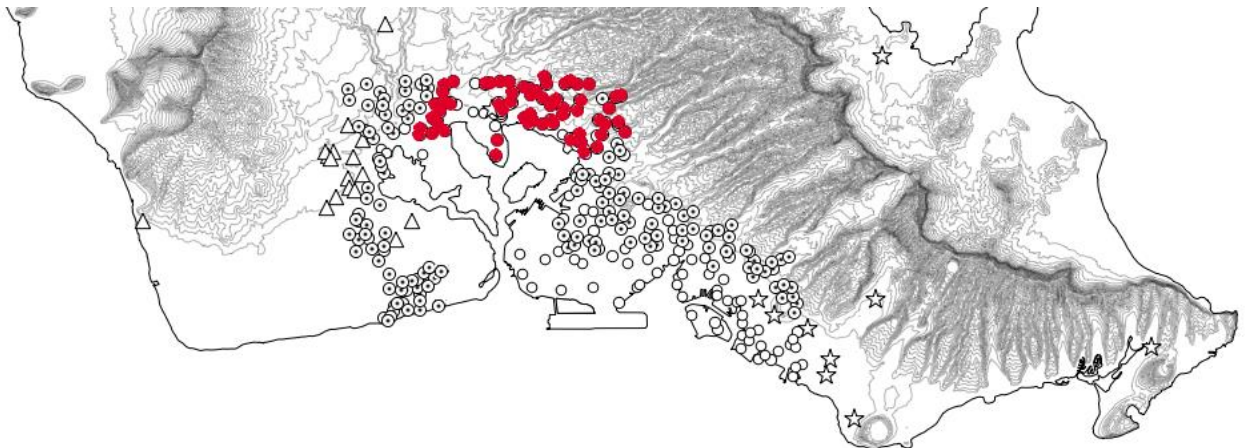
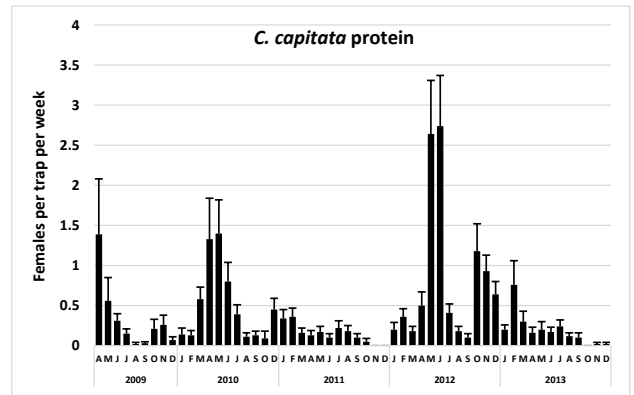
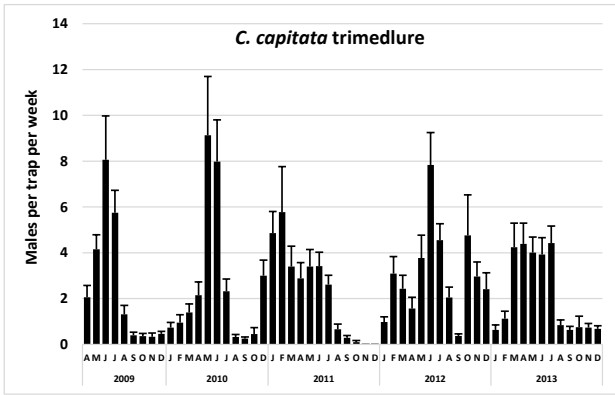
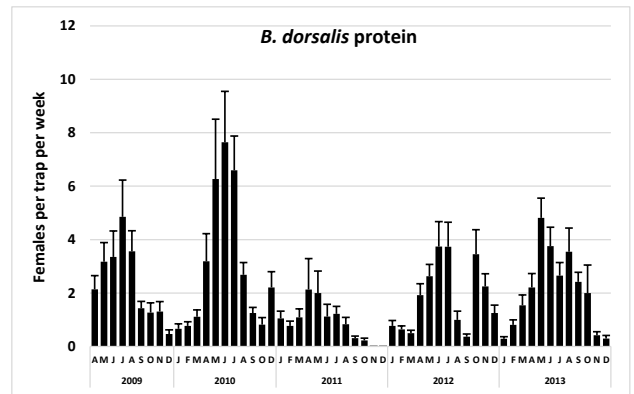
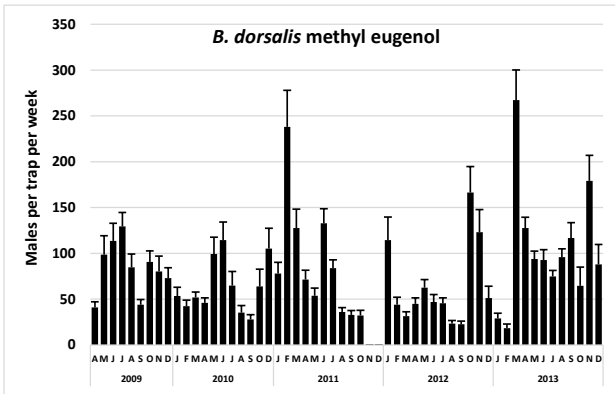
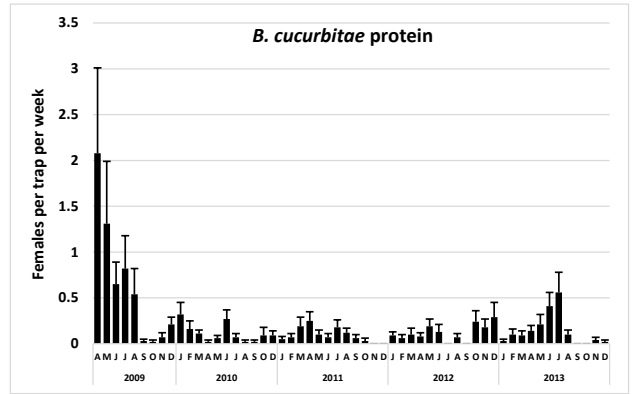
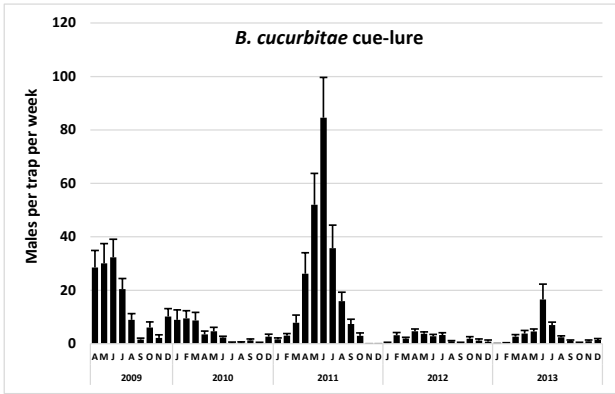
# Residential site 205: Honolulu: Kealia Street



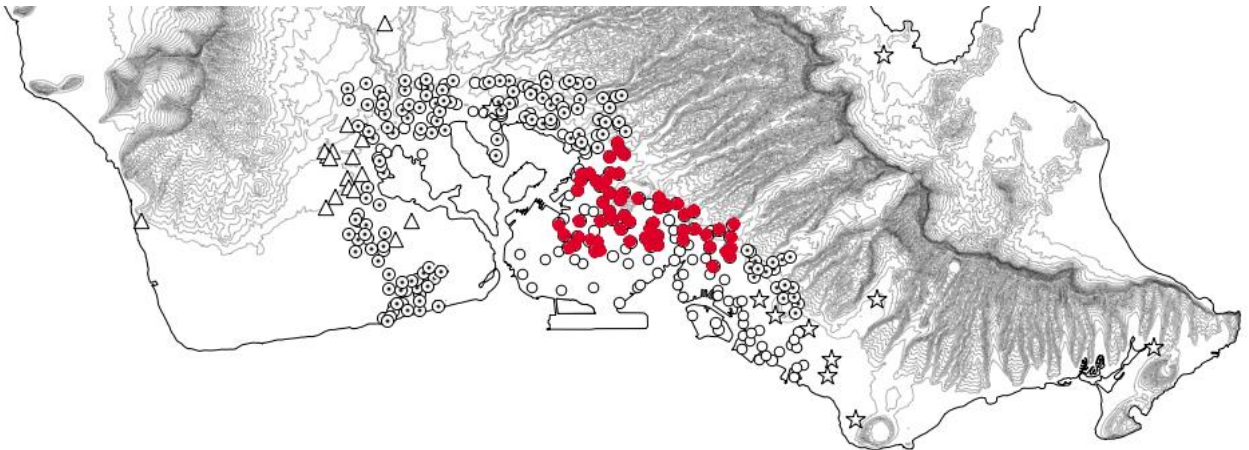
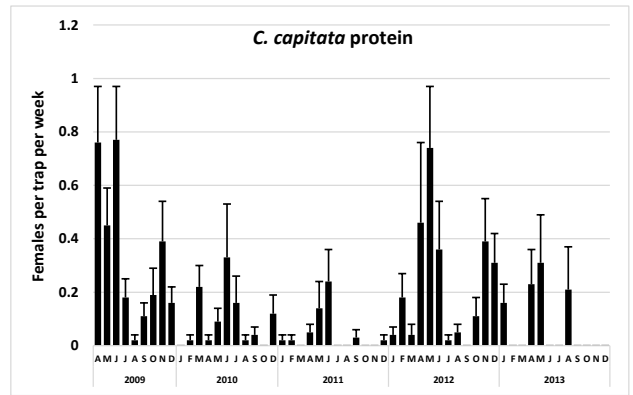
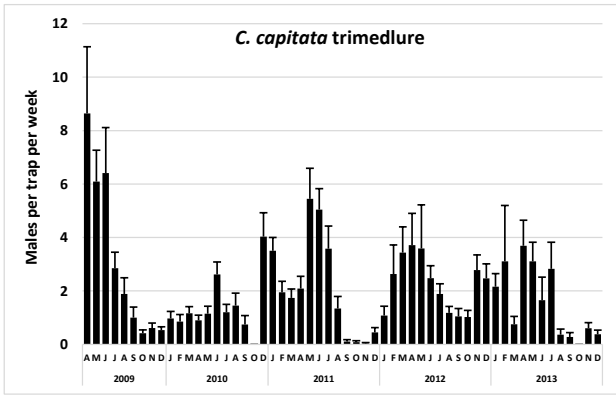
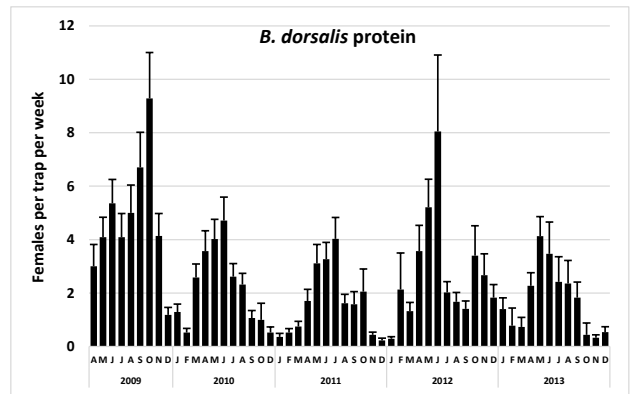
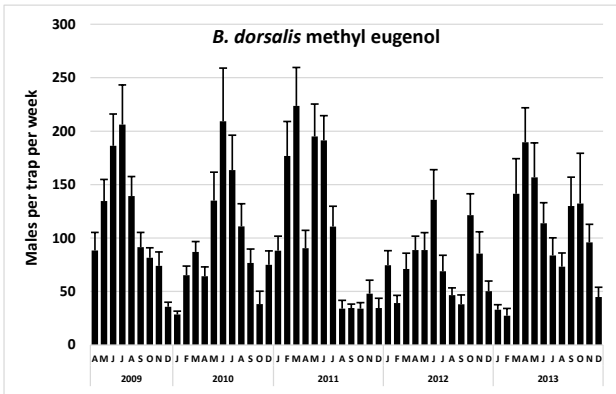
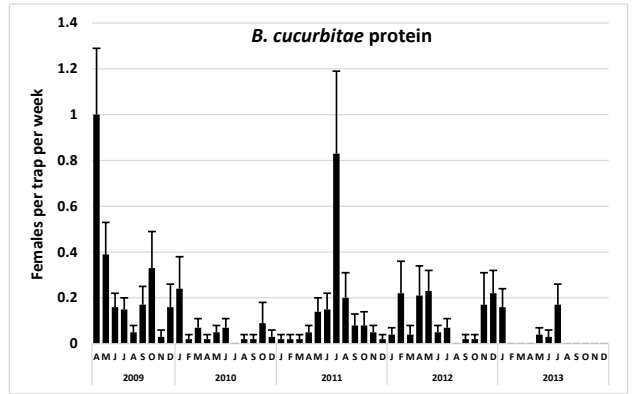
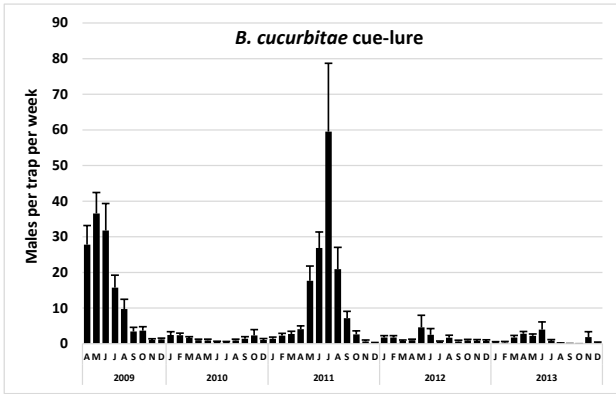
# Zone 1: Residential rotation sites



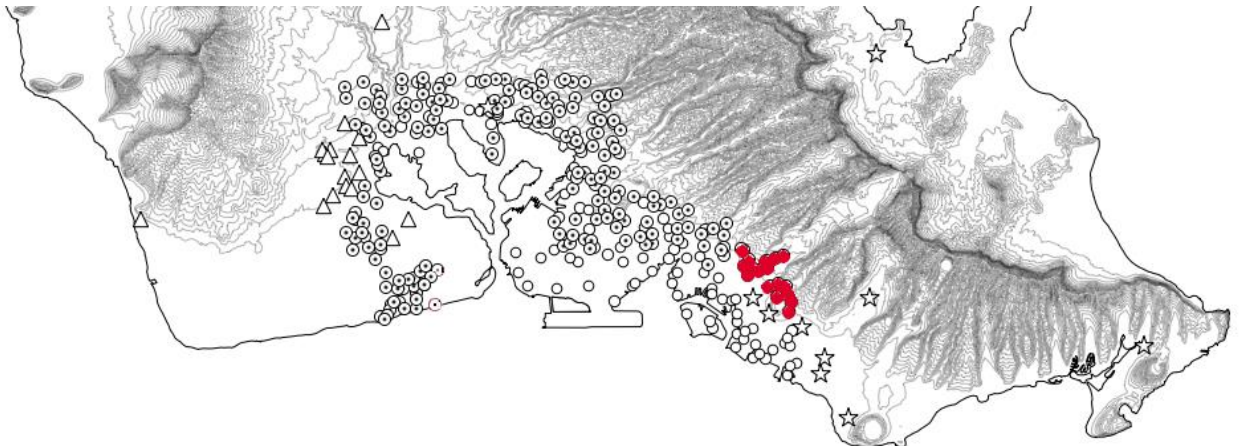
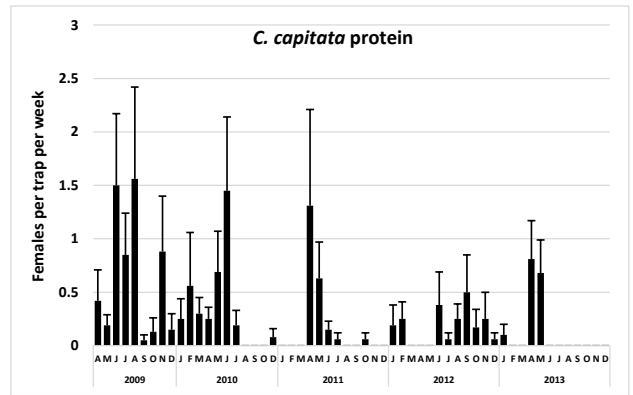
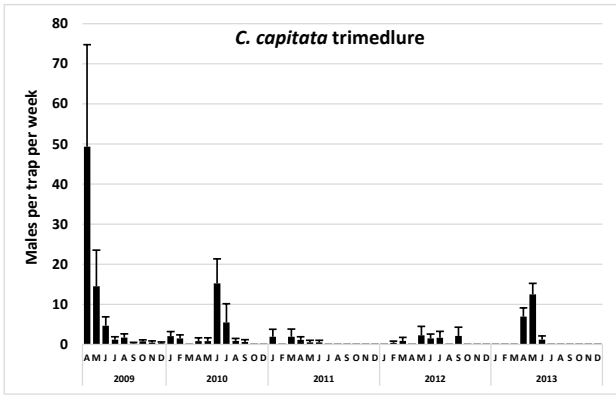
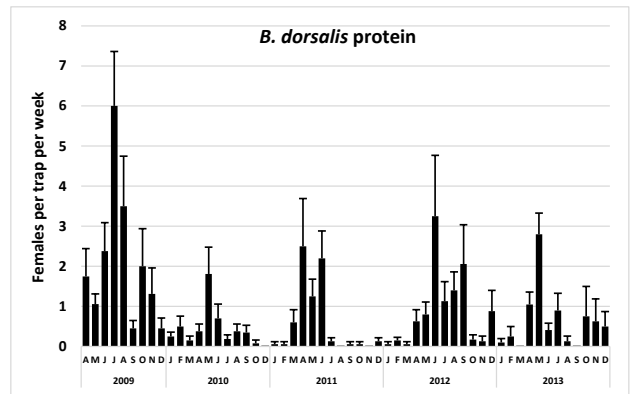
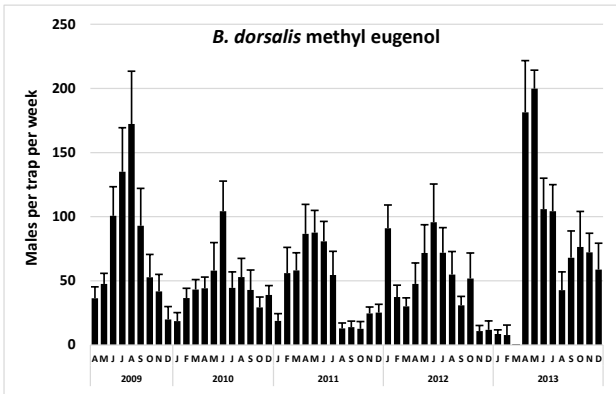
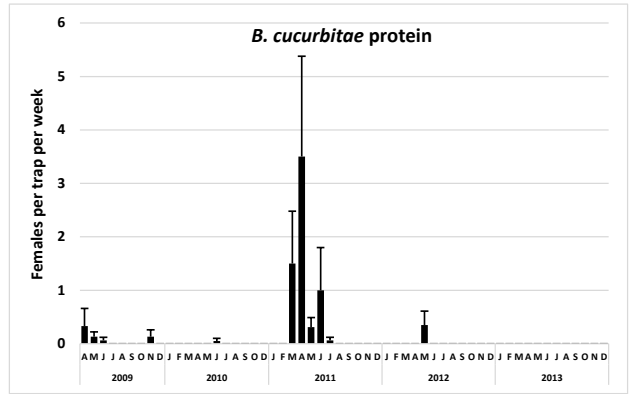
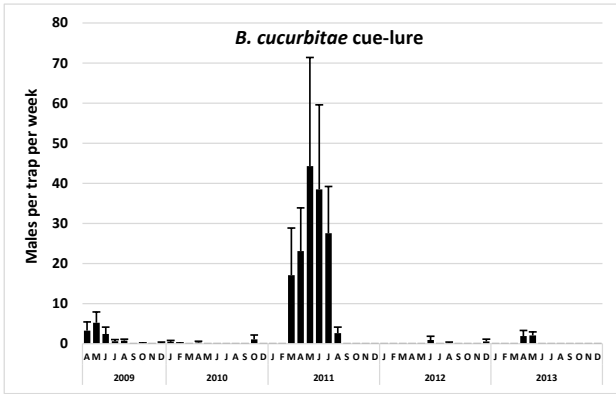
# Zone 2: Residential rotation sites



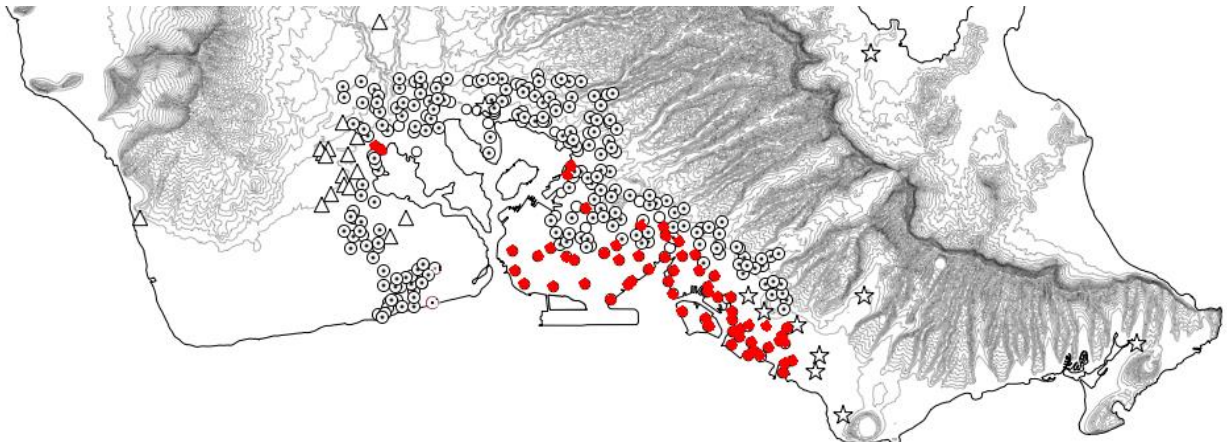
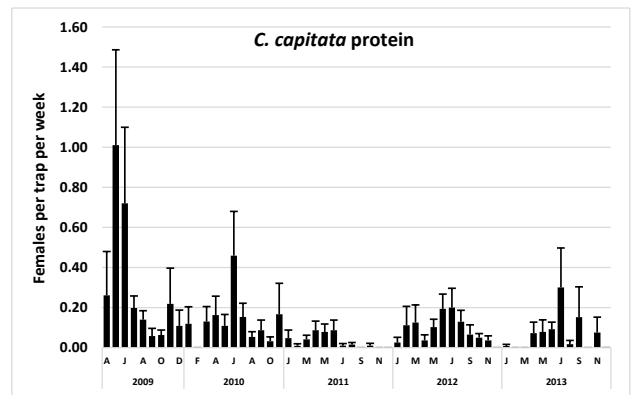
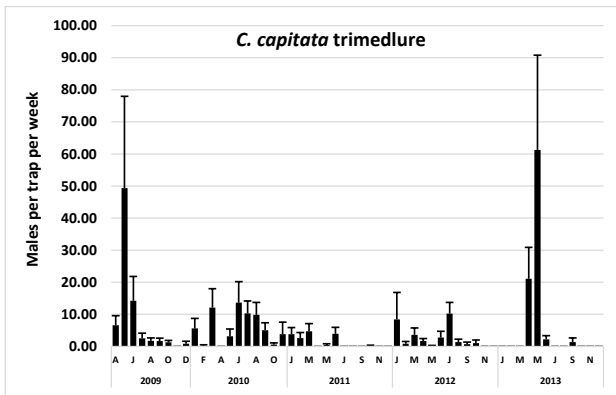
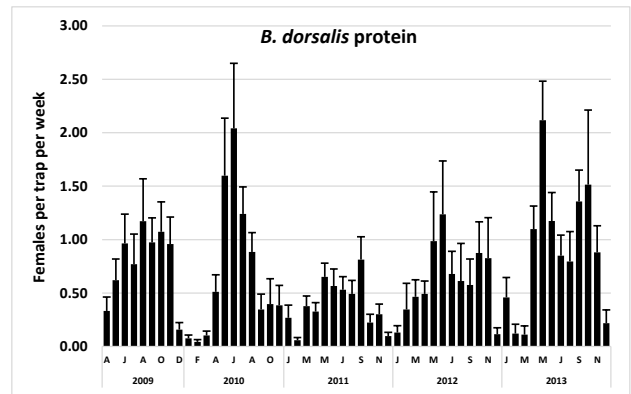
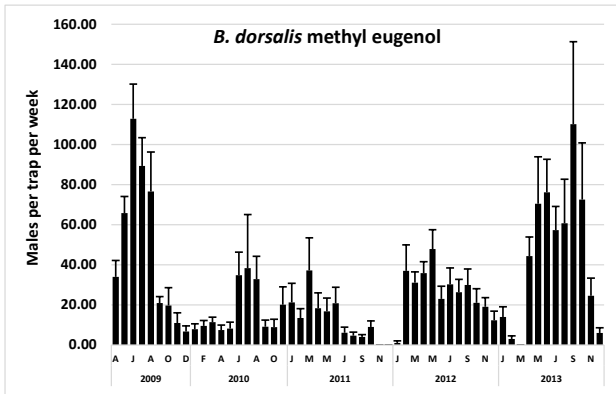
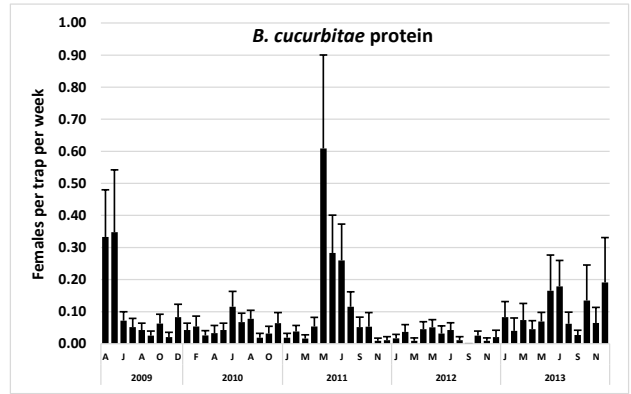
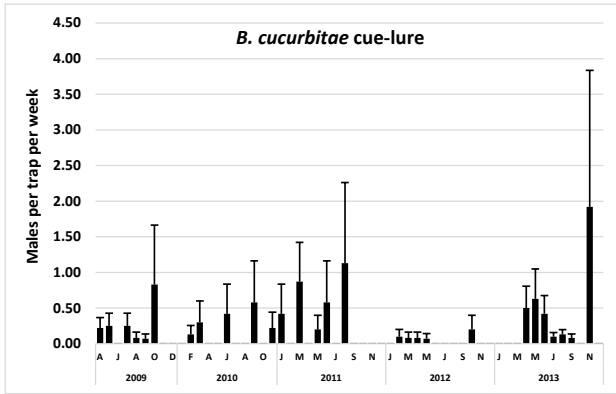
# Zone 3: Residential rotation sites



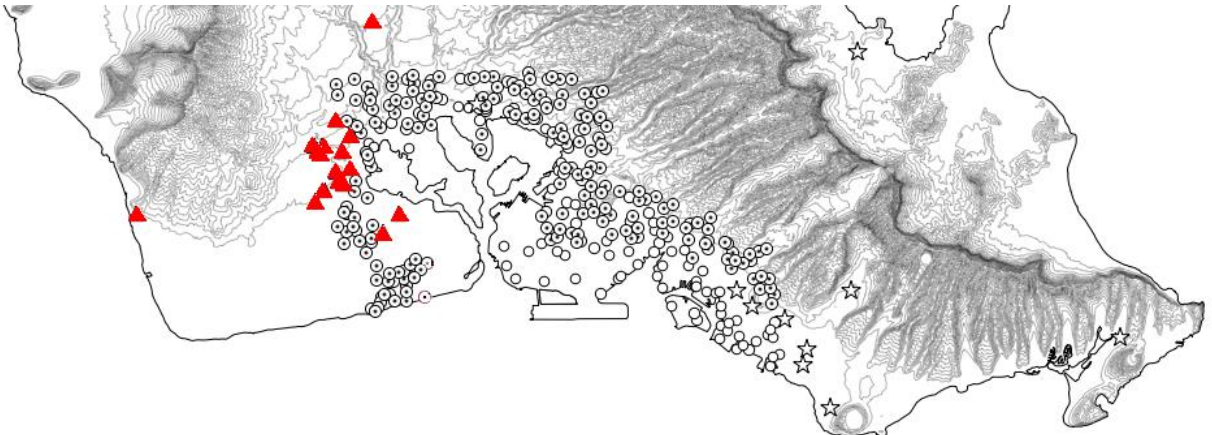
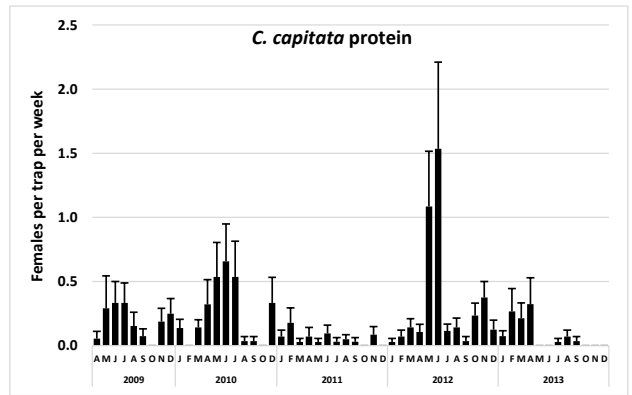
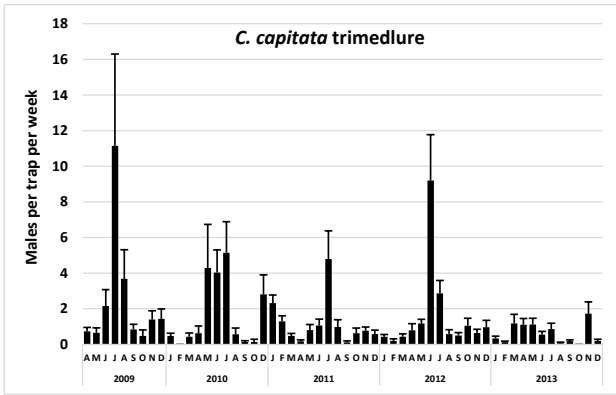
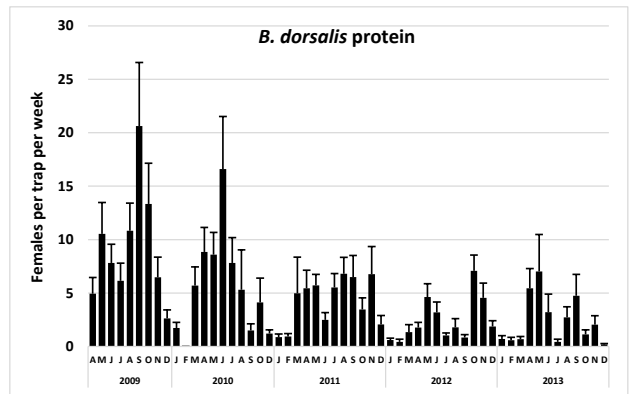
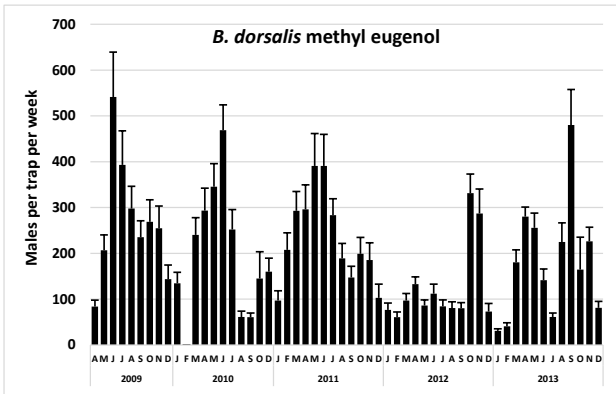
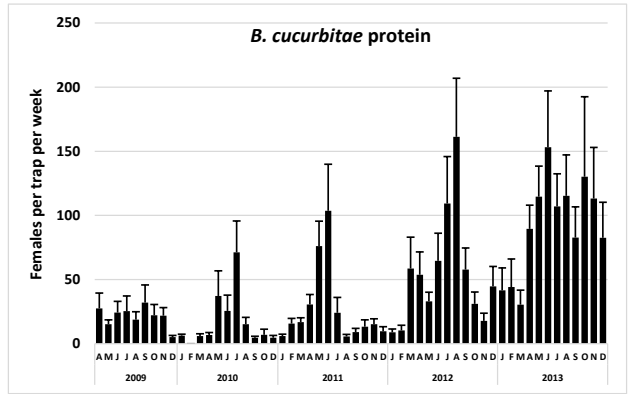
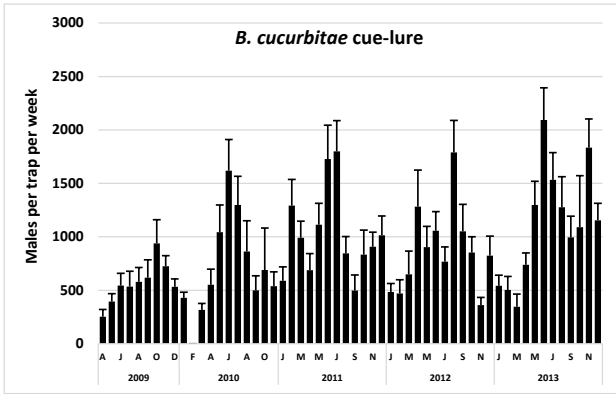
# Zone 4: Residential rotation sites



# Urban areas (all sites)

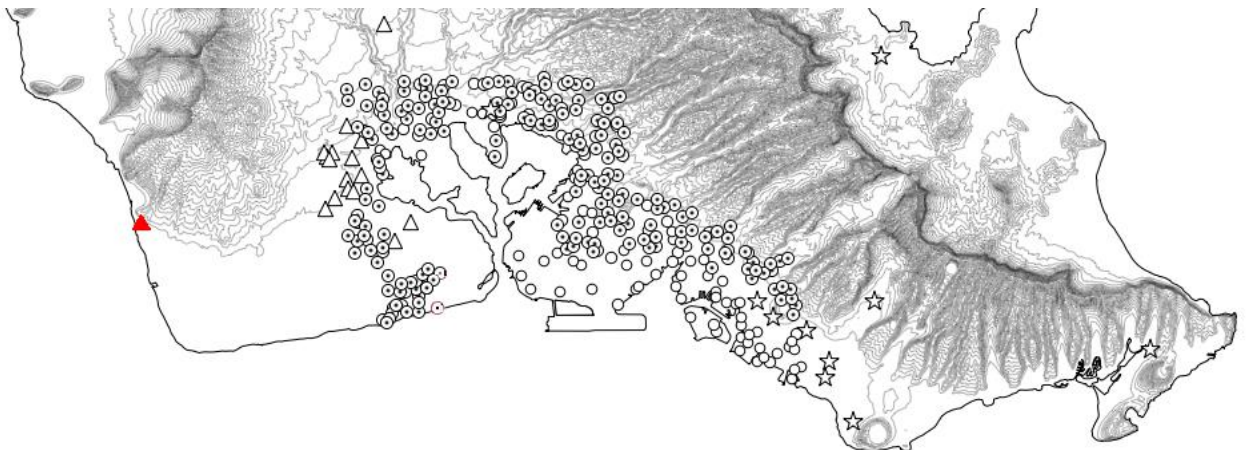
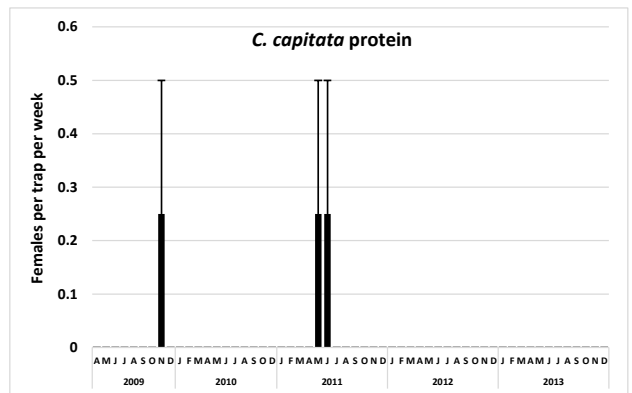
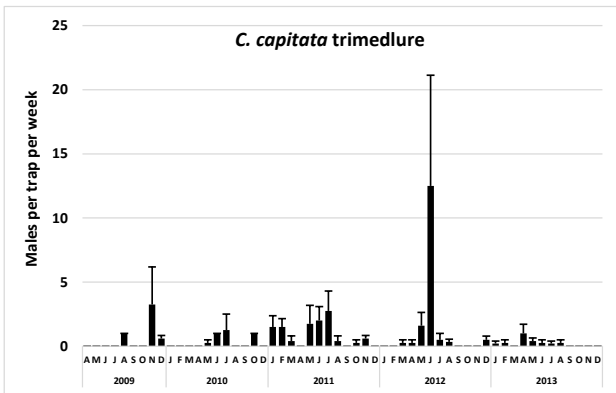
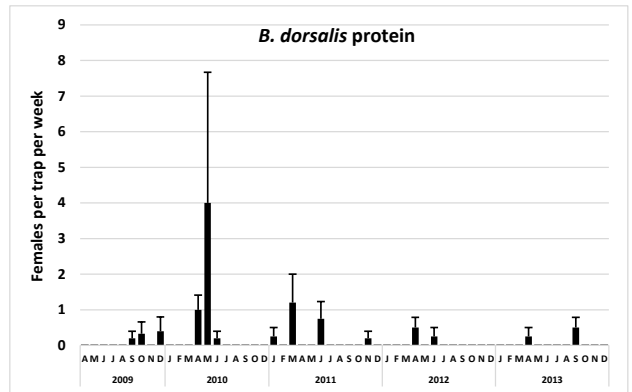
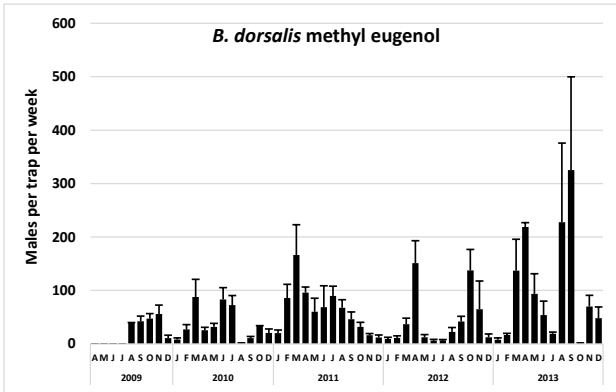
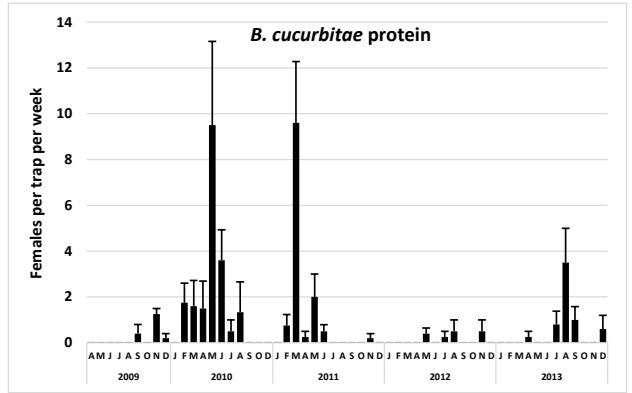
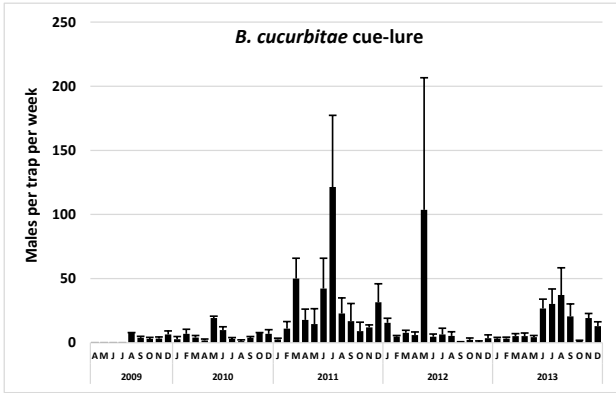


# Rural (south) (all sites)

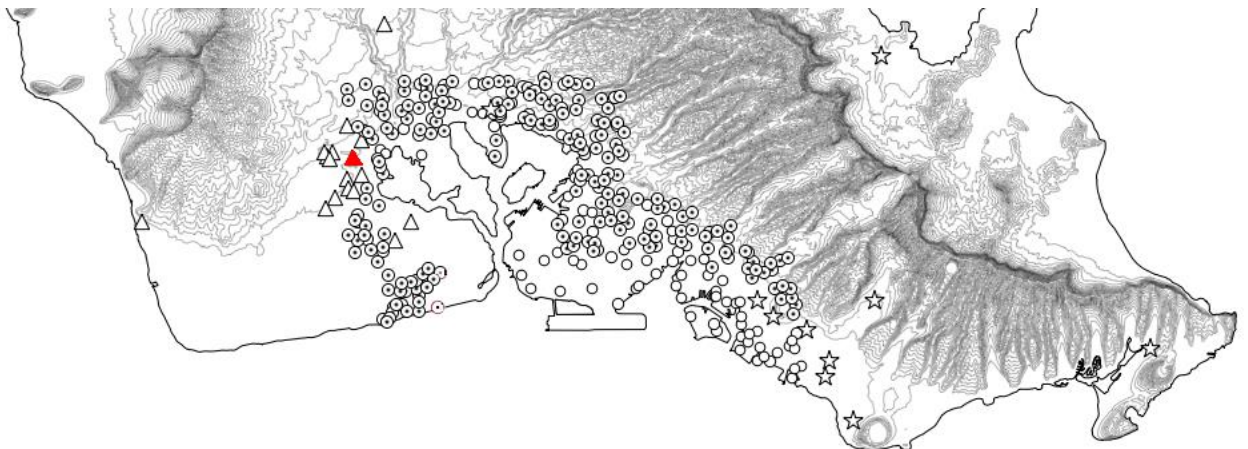
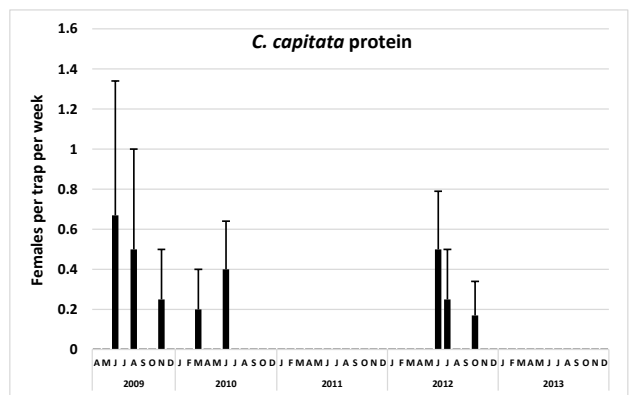
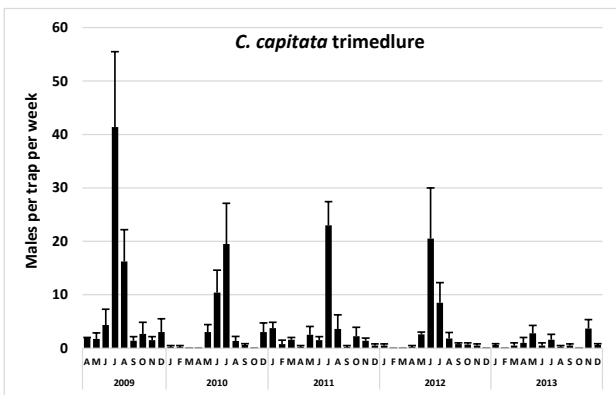
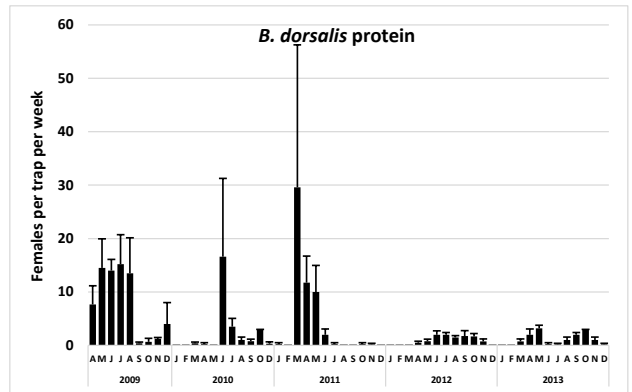
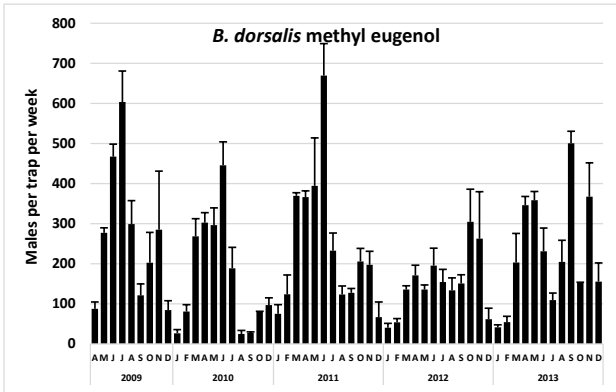
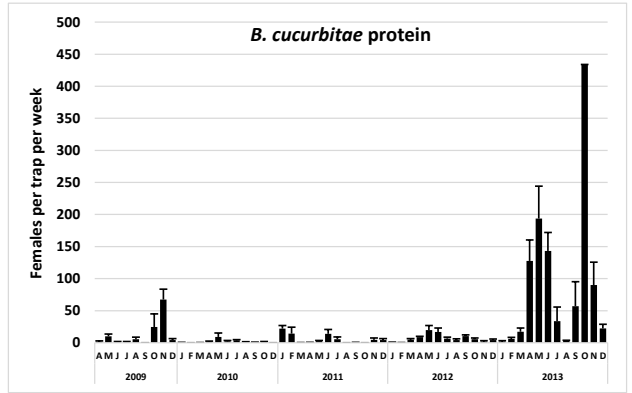
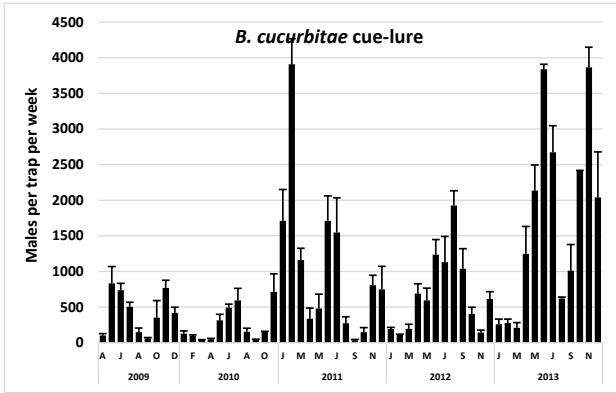




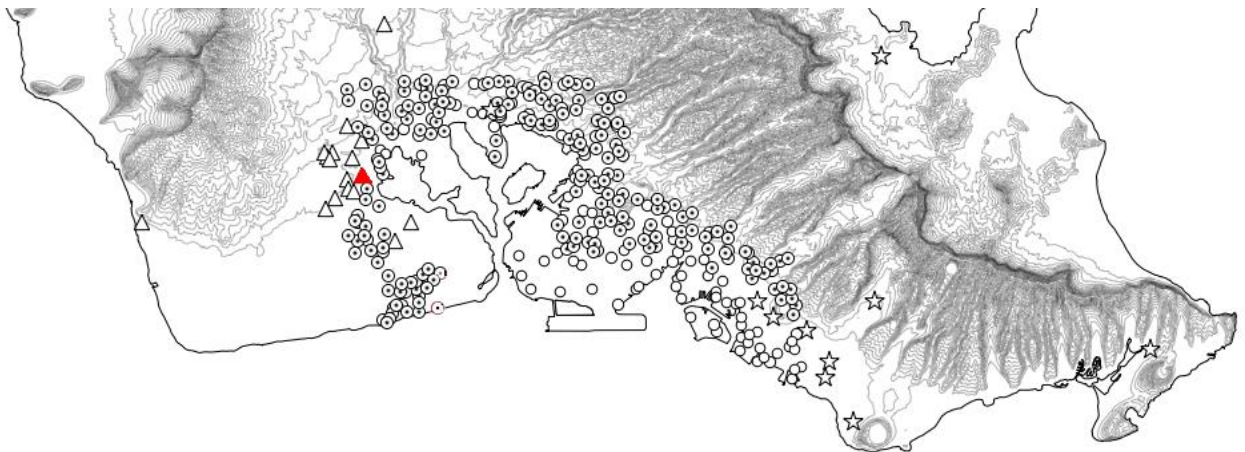
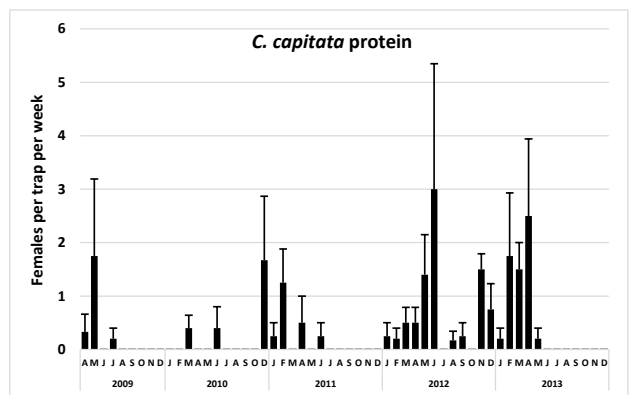
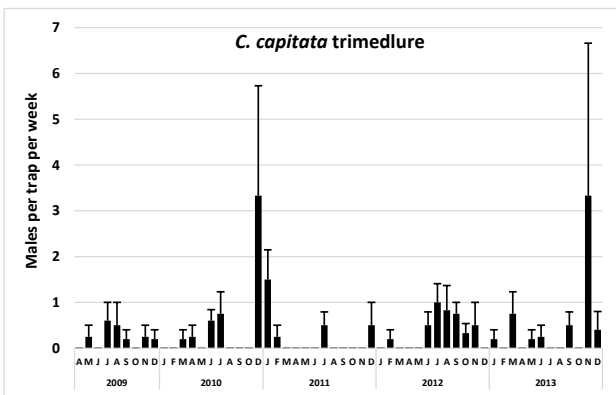
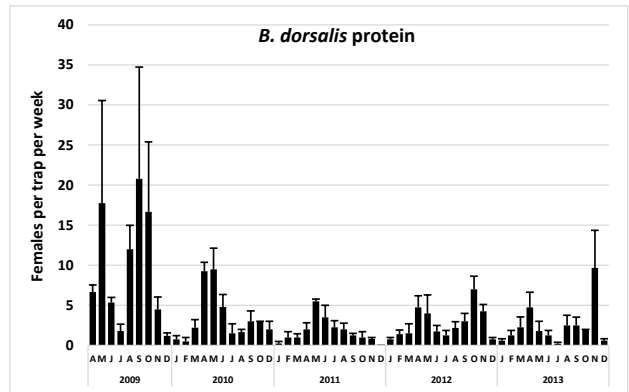
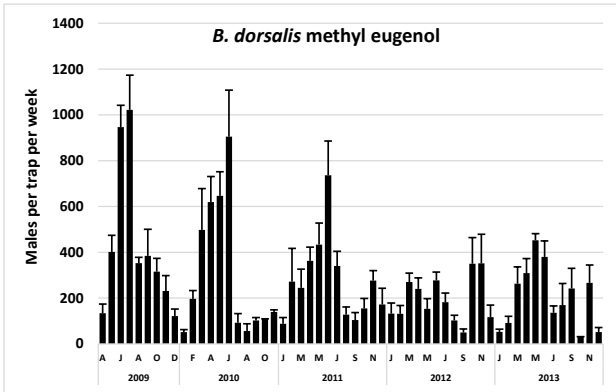
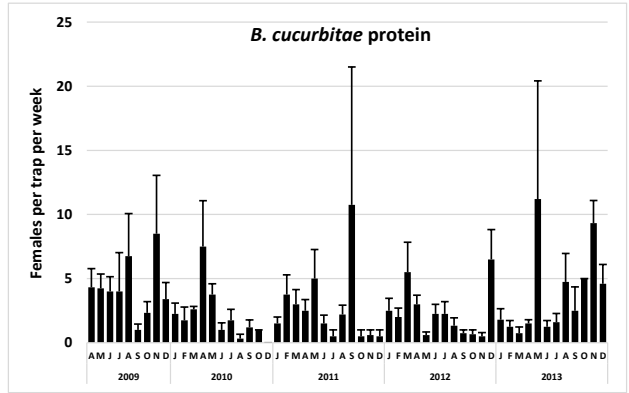
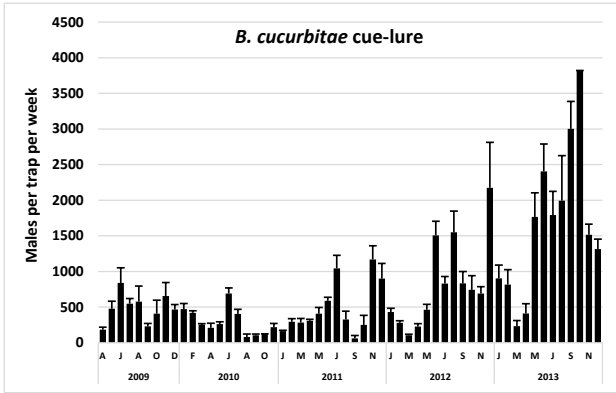
# Rural (south) site 4: Waimanalo Gulch Landfill



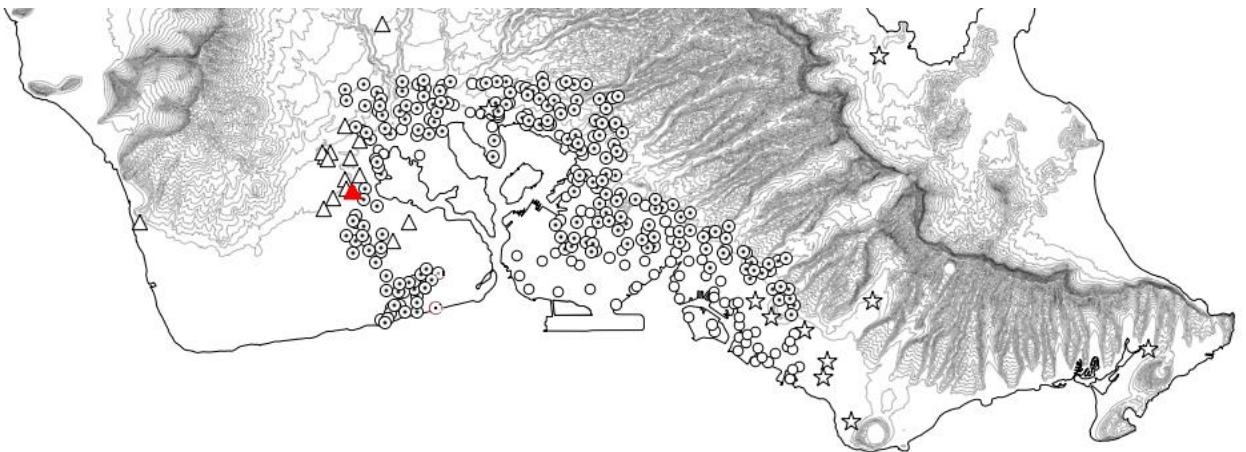
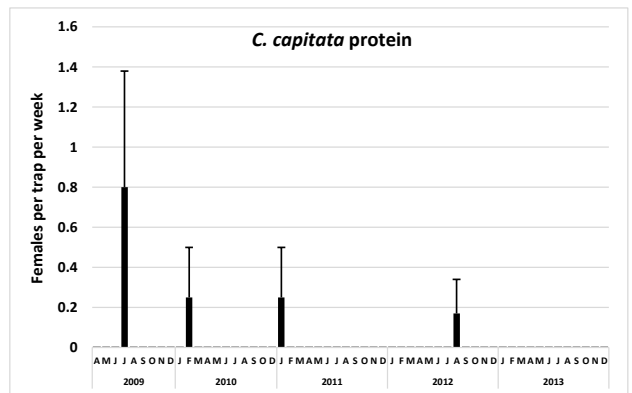
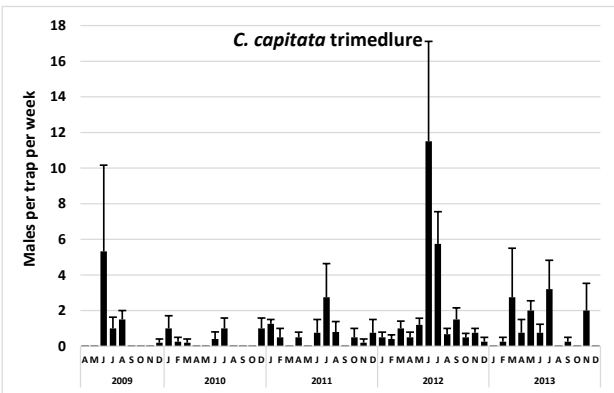
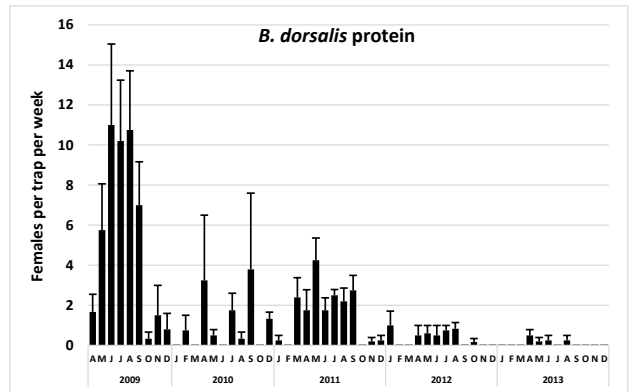
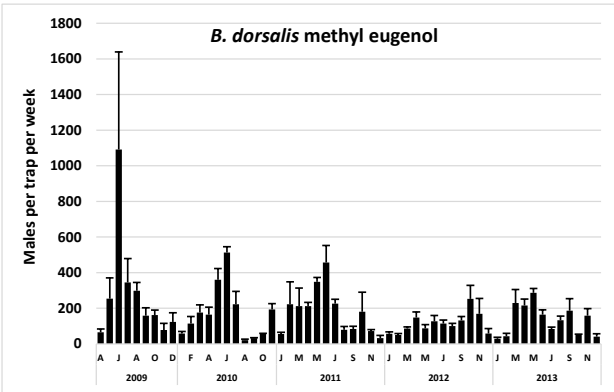
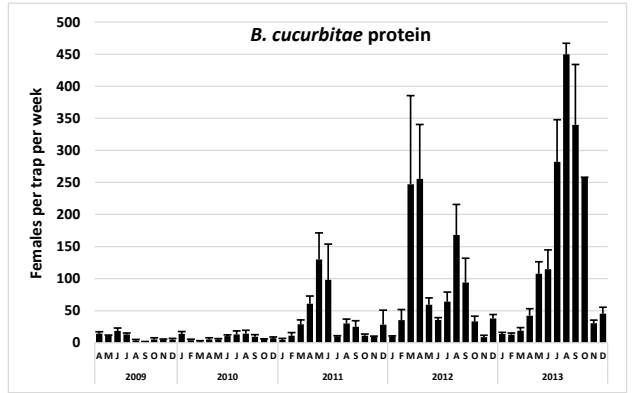
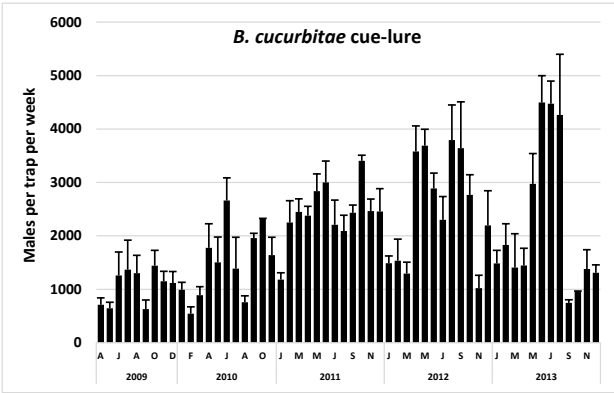
# Rural (south) site 7: Kahe Moala



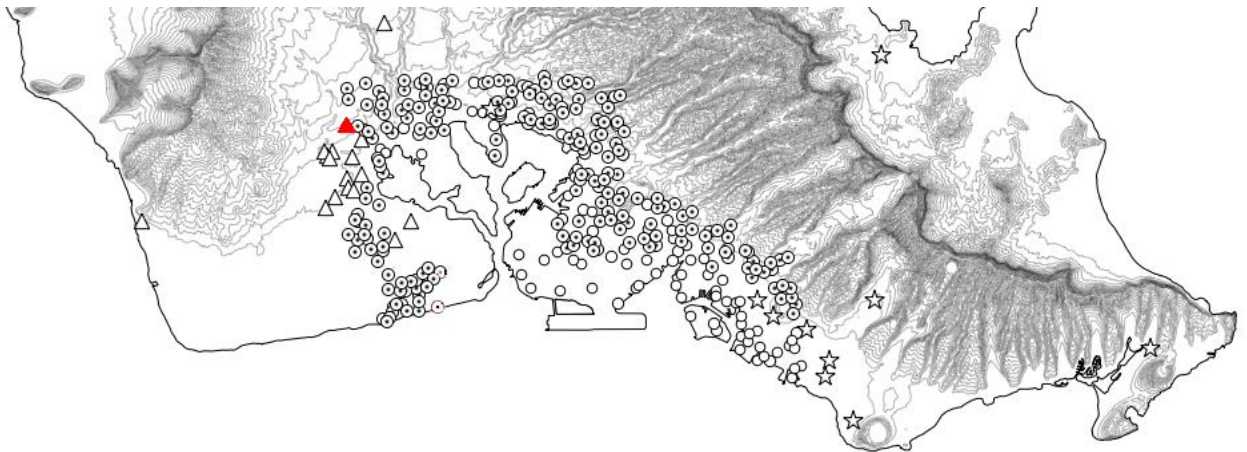
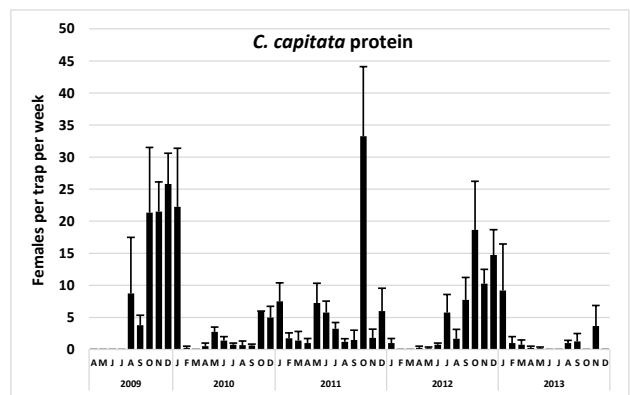
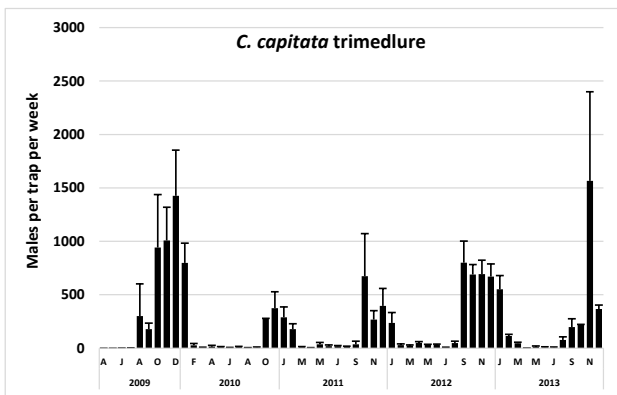
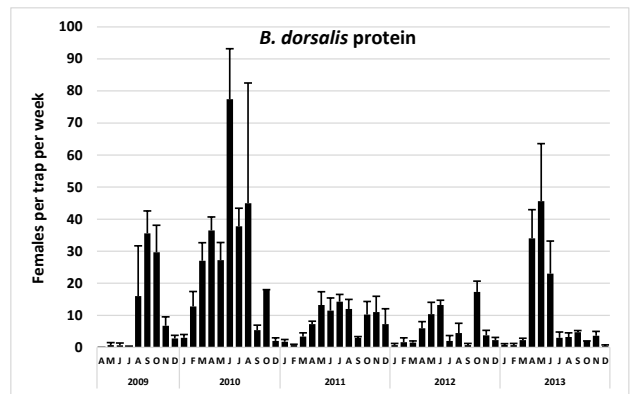
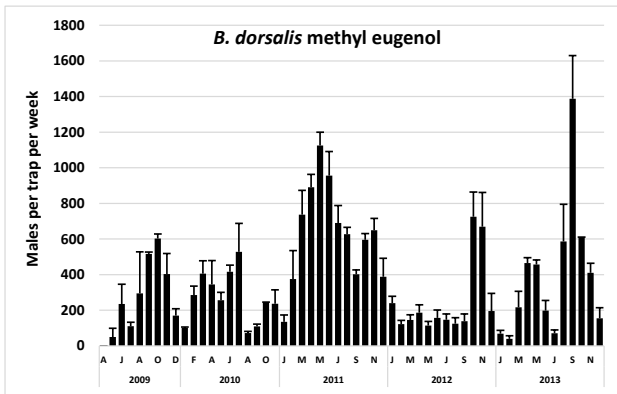
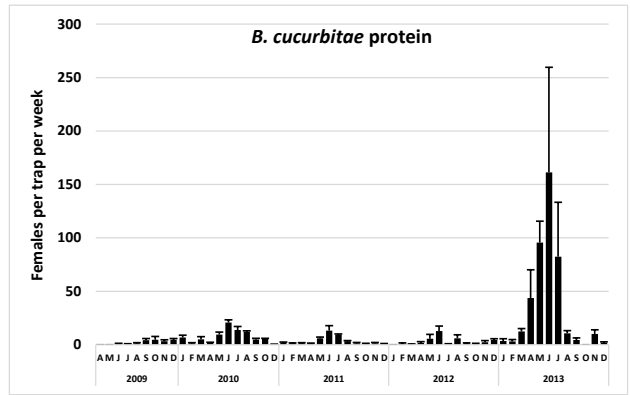
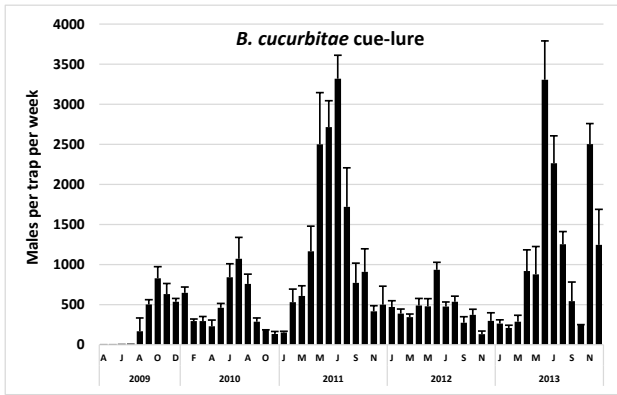
# Rural (south) site 8: C & S Services Inc.



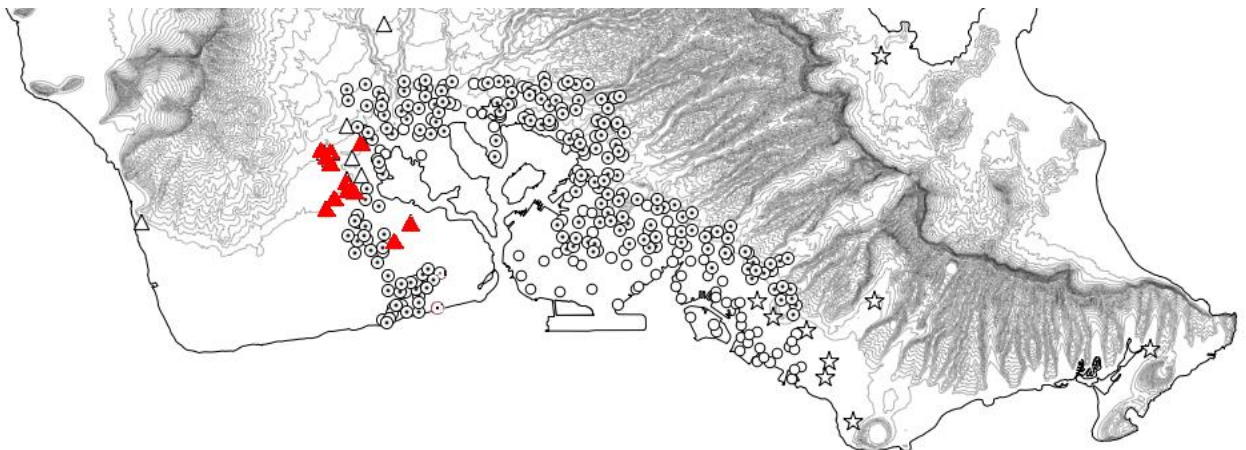
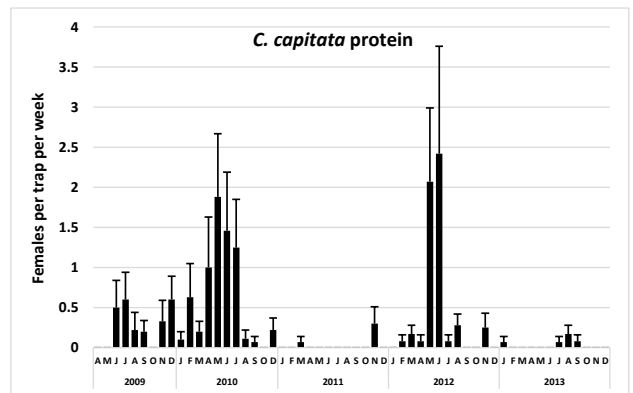
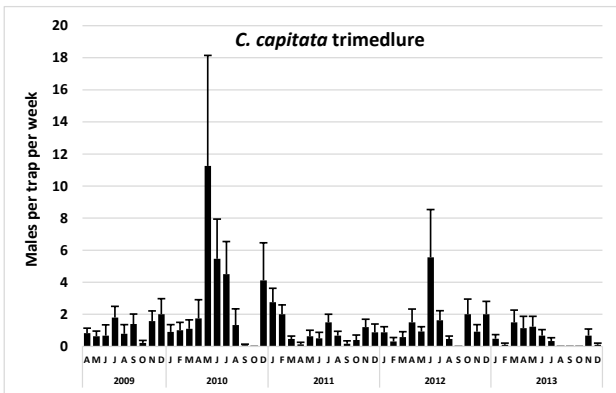
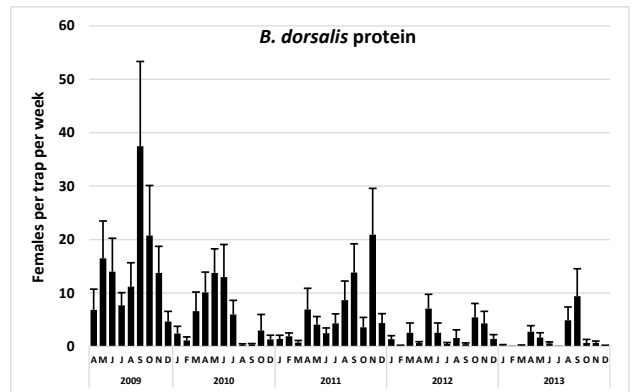
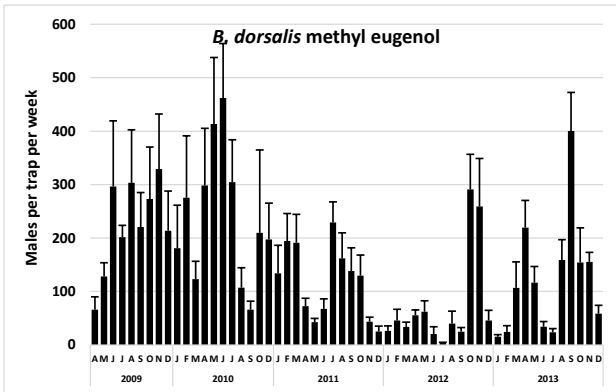
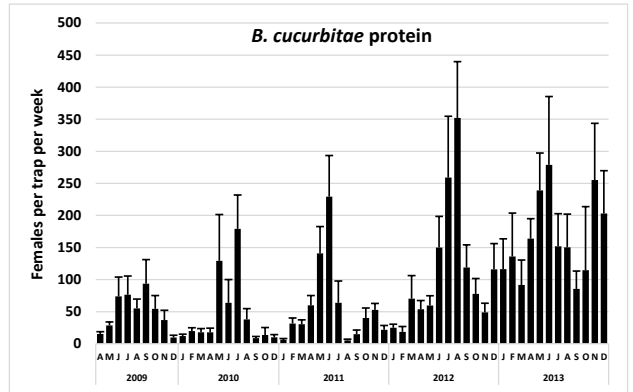
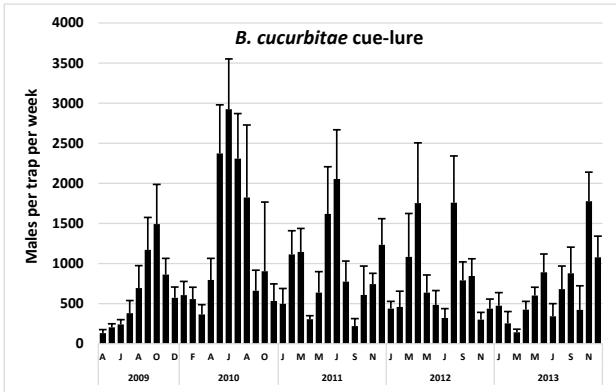
# Rural (south) site 9: Fat Law Farm



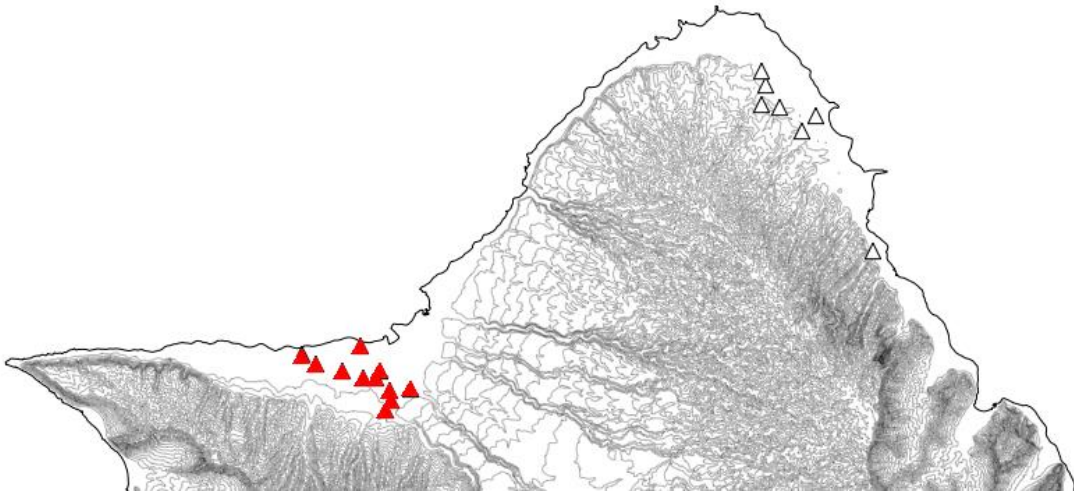
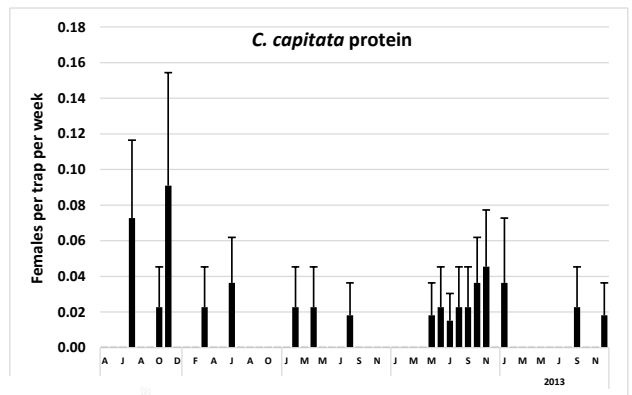
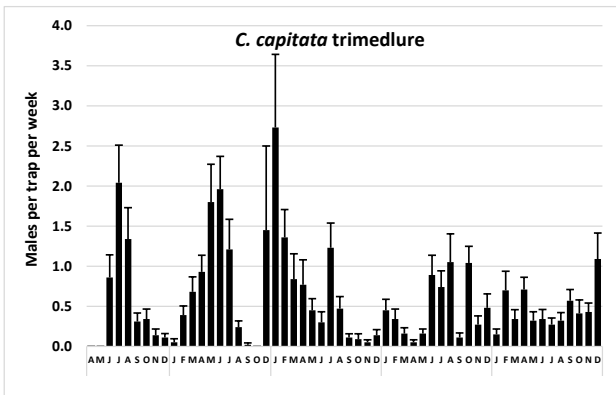
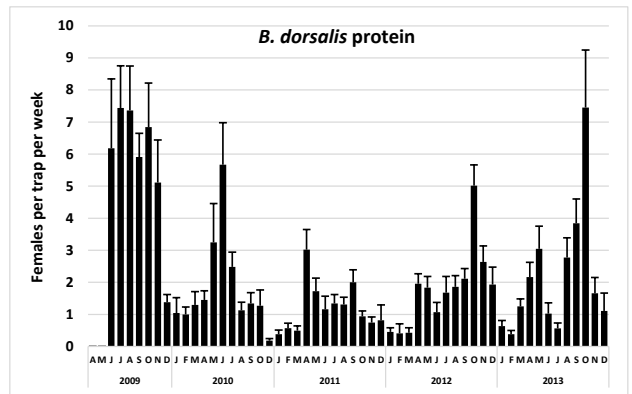
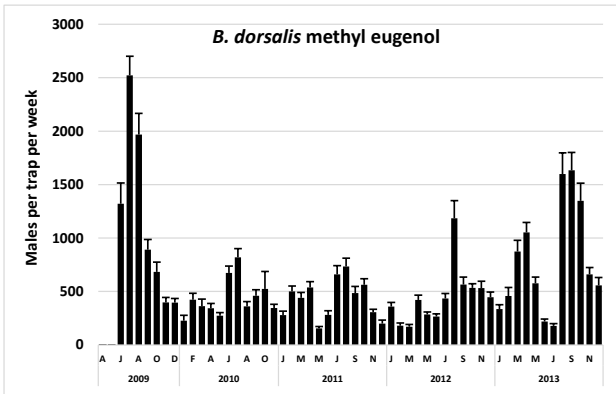
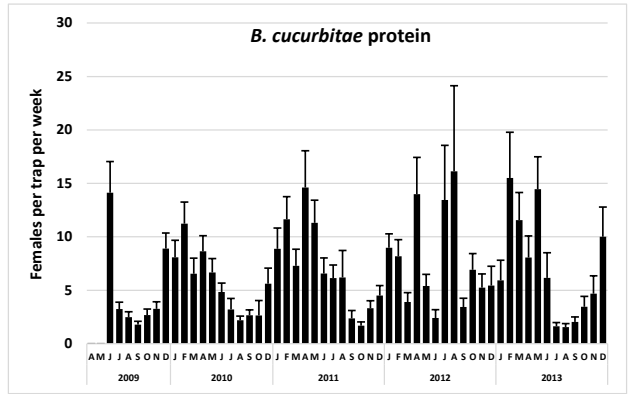
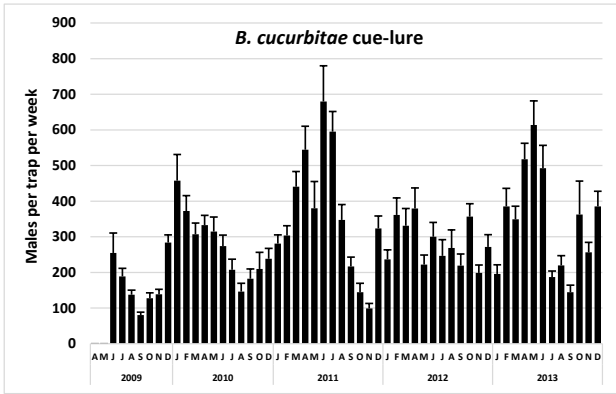
# Rural (south) site 132: Hawaii Agr. Research Center (Waipahu)



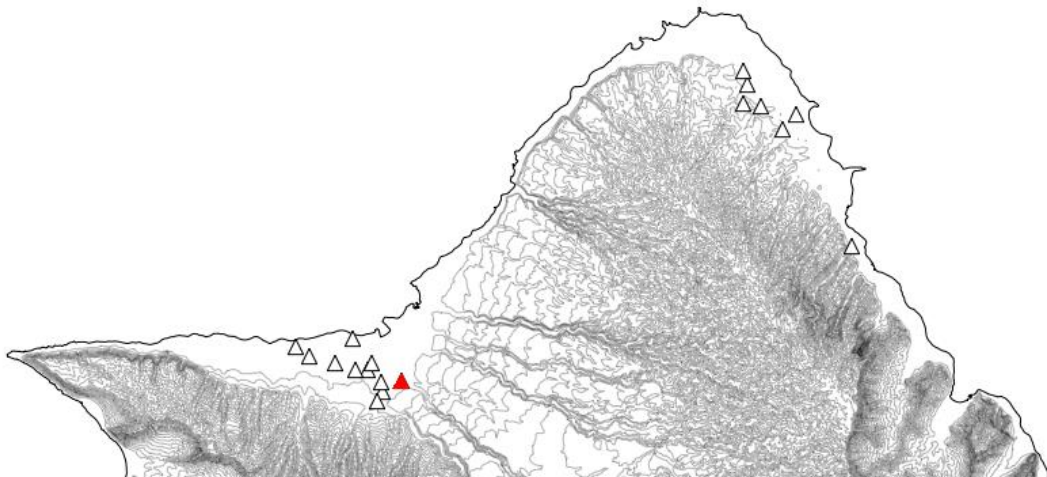
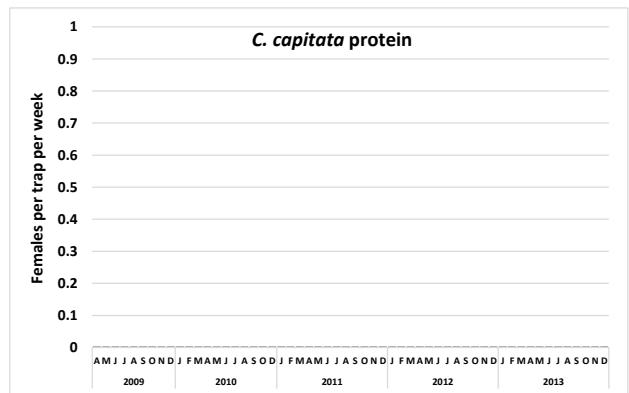
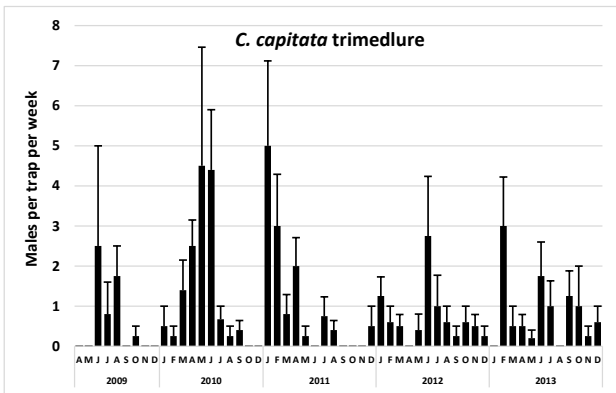
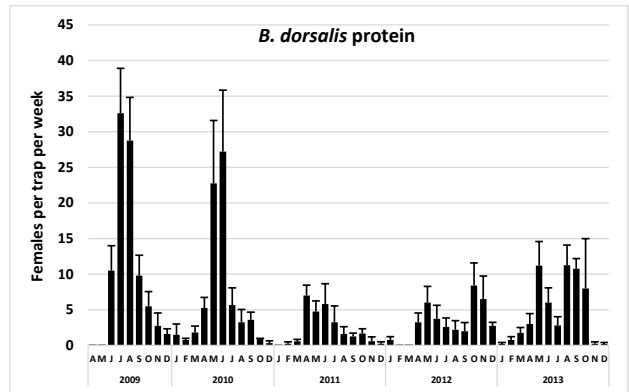
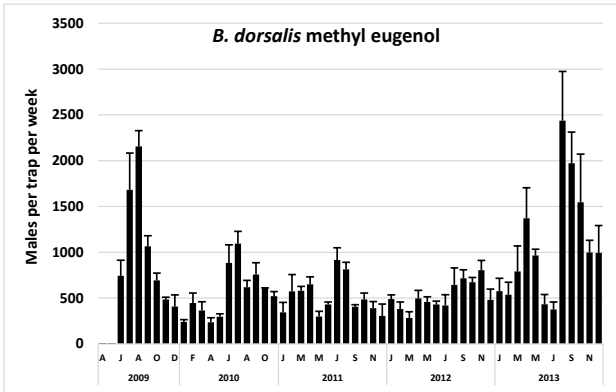
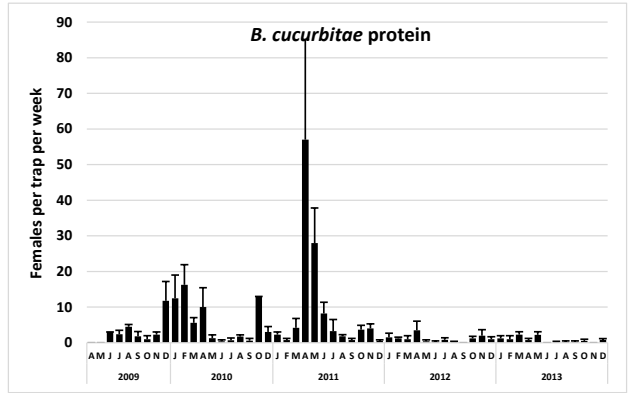
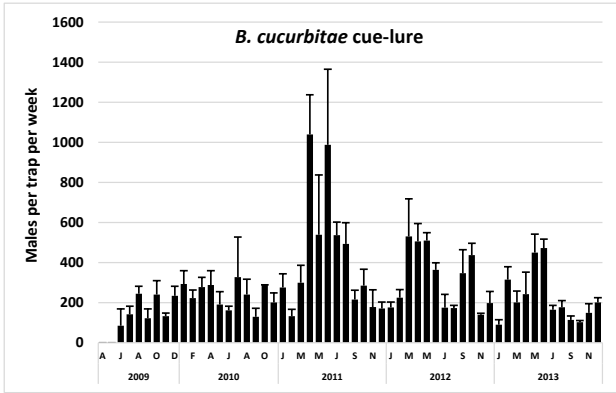
# Rural (south) rotation sites (mainly Aloun Farms)



# Waialua (all sites)

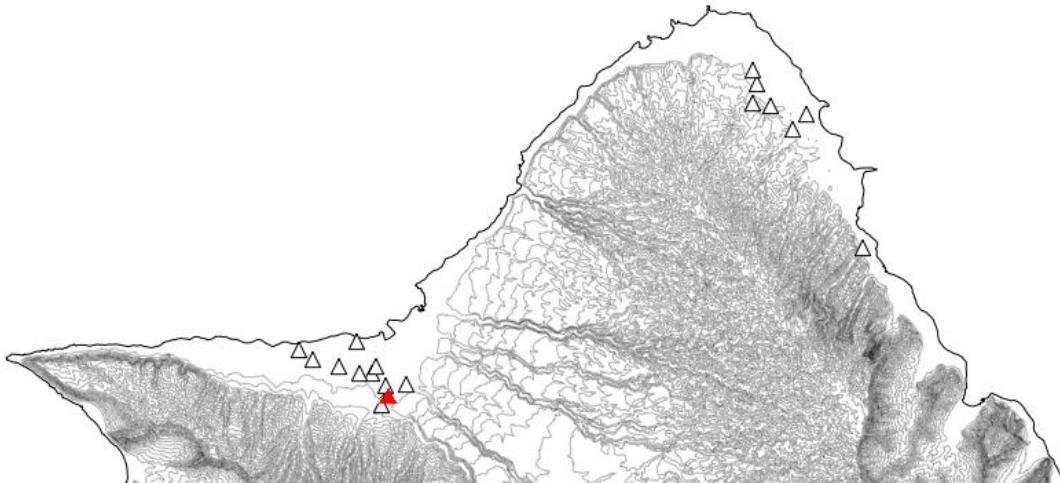
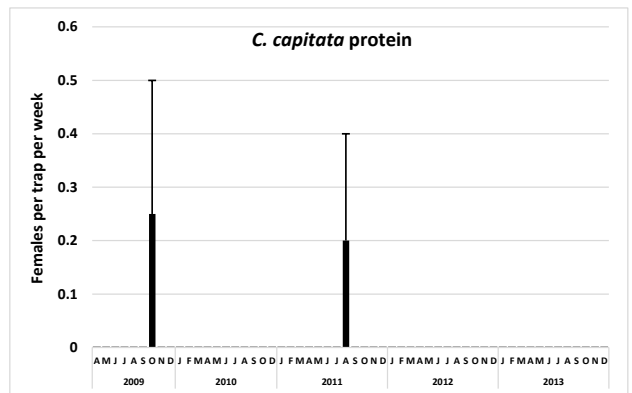
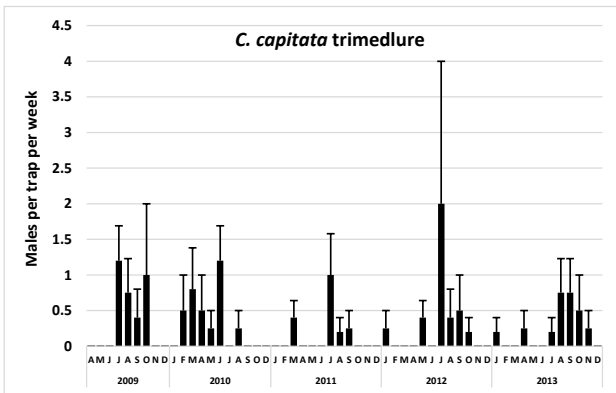
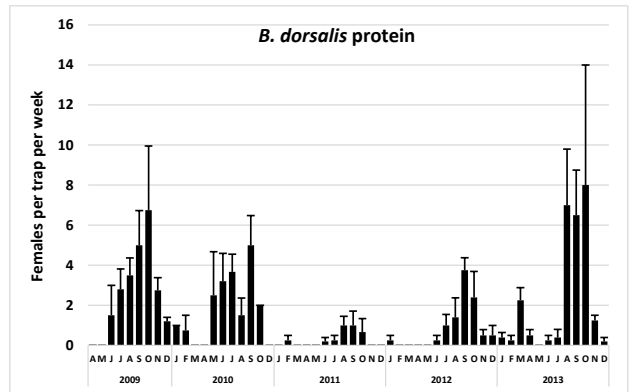
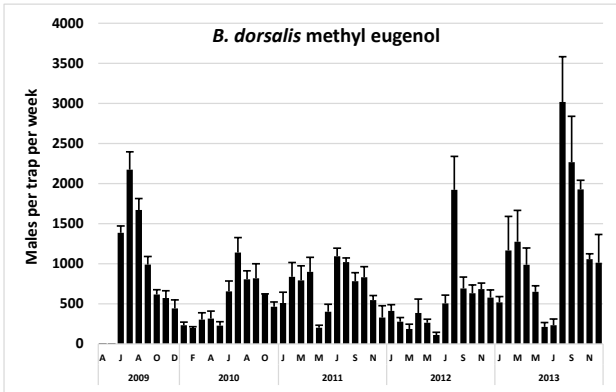
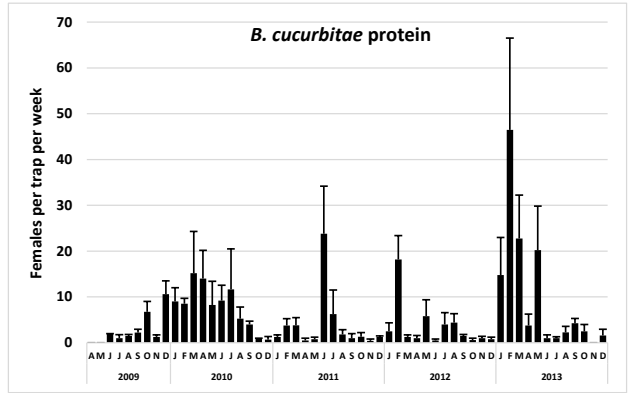
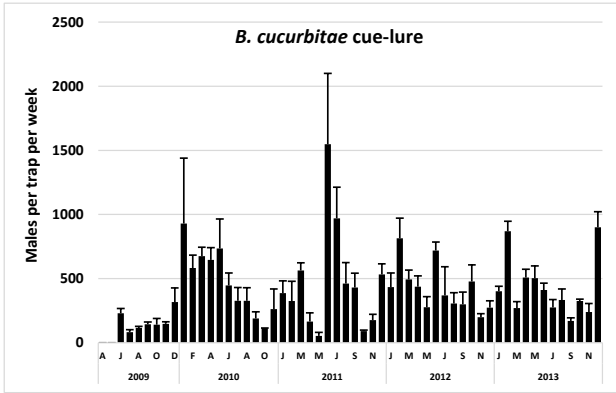


# Waialua site 118: KV Farm, Kaukonahua Rd

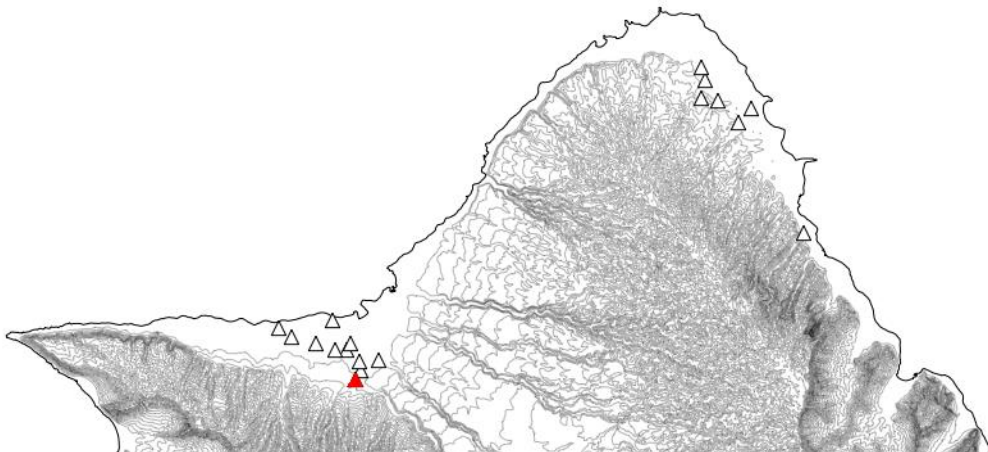
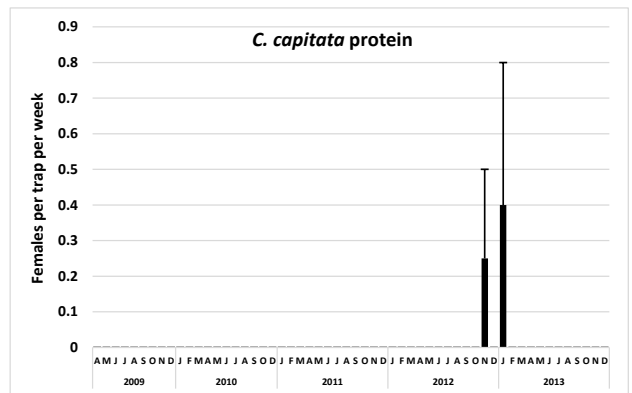
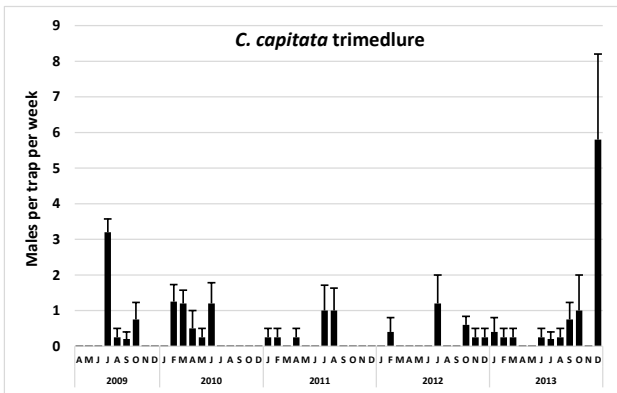
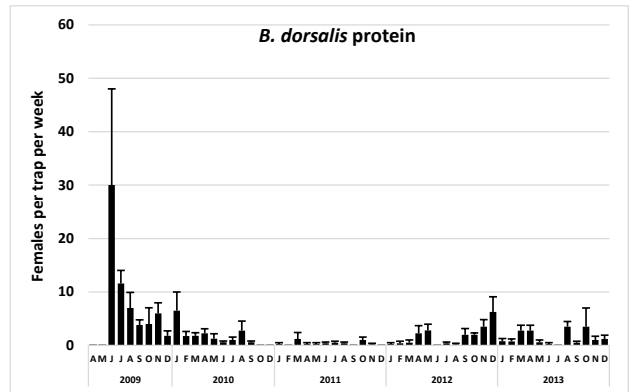
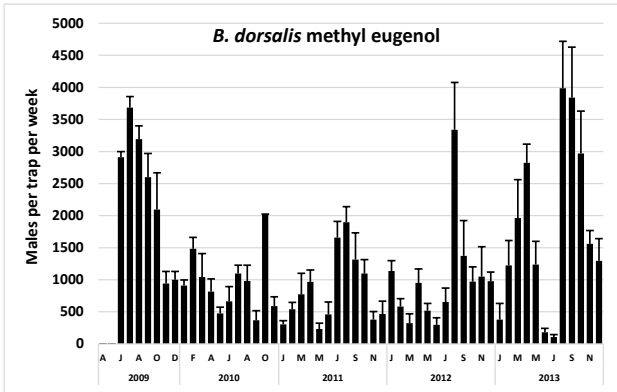
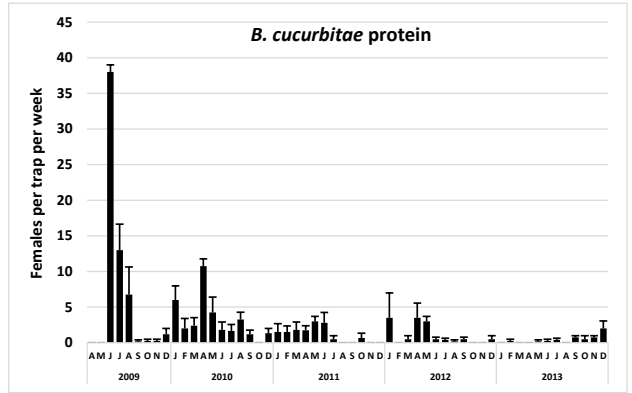
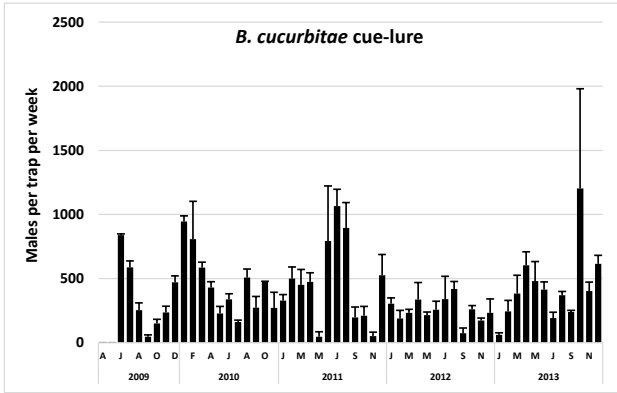




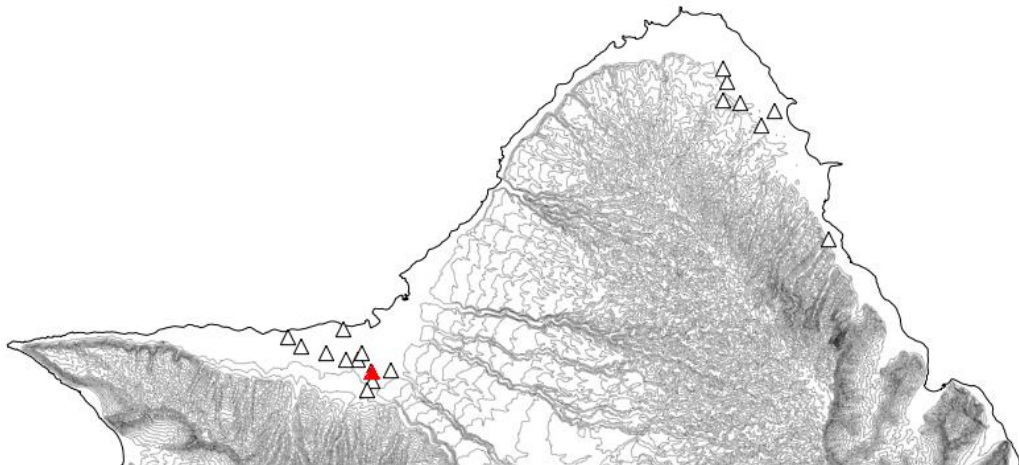
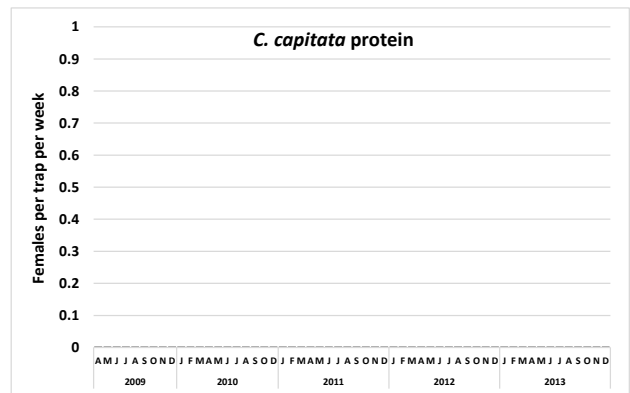
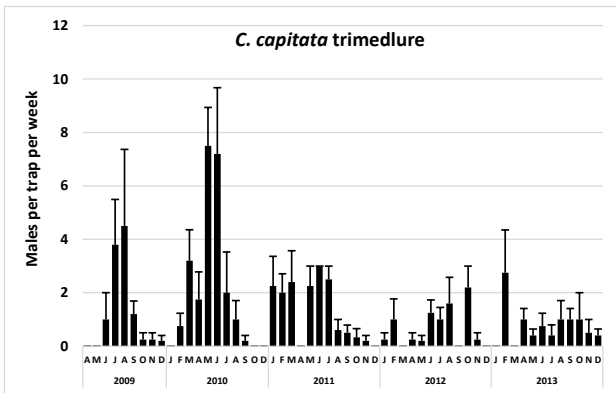
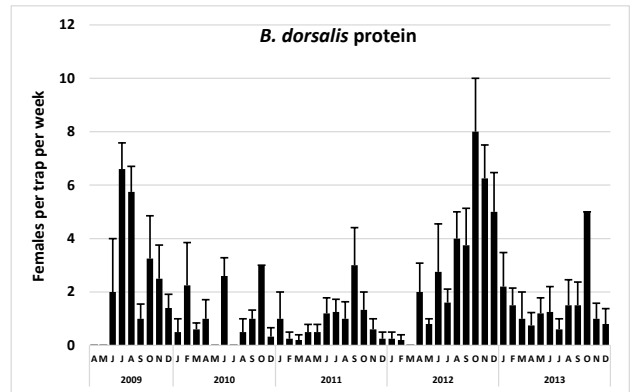
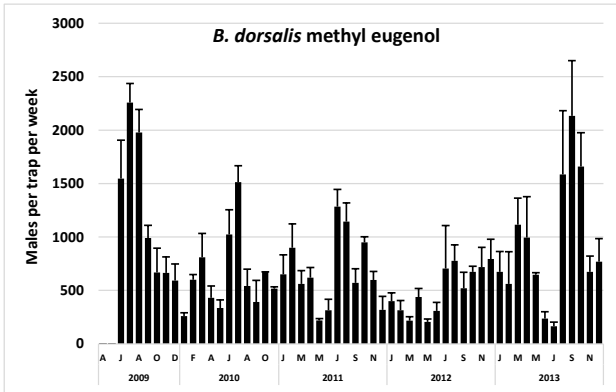
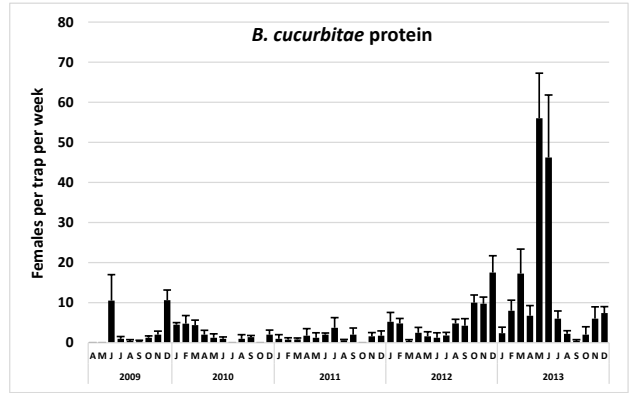
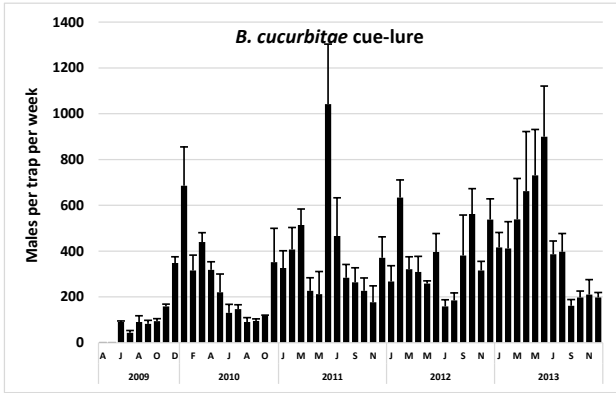
# Waialua site 119: Louangrath Farm



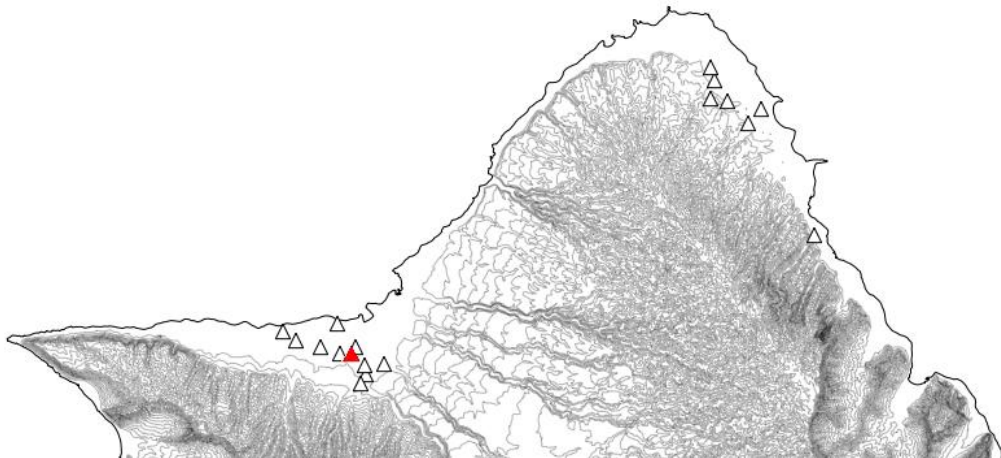
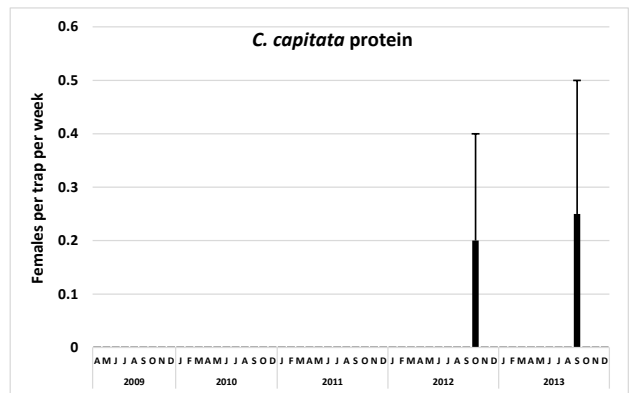
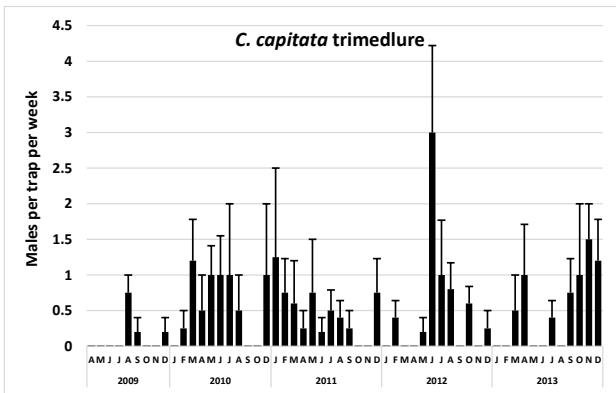
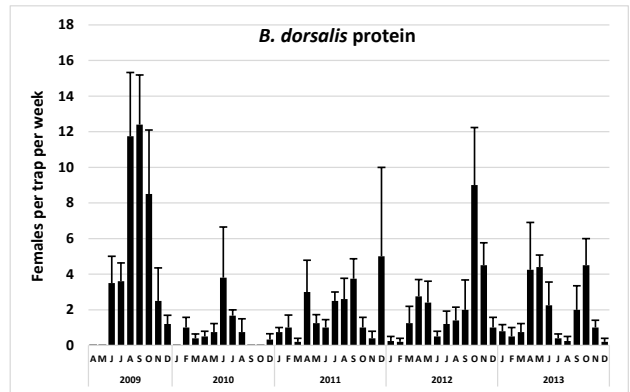
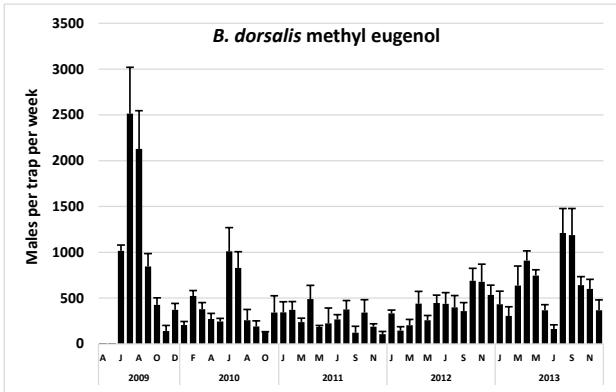
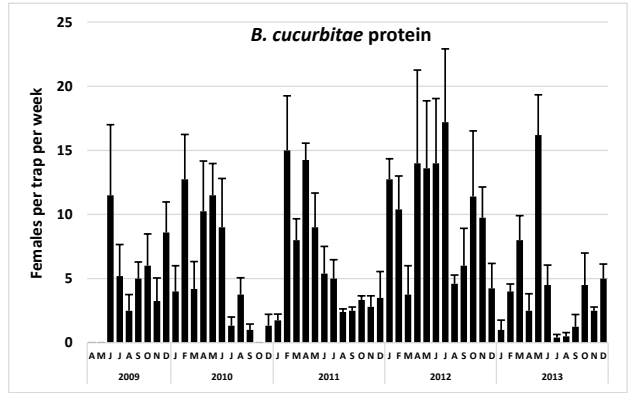
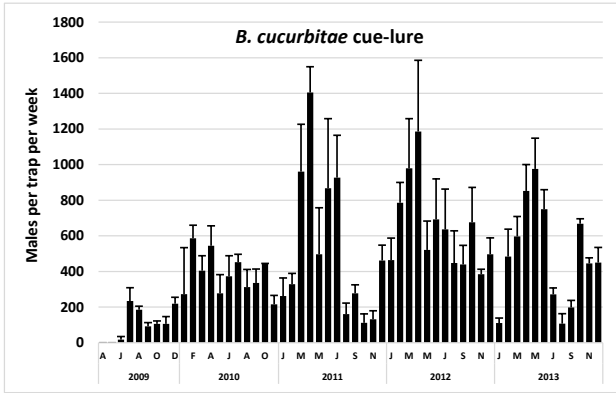
# Waialua site 120: Bi Farm



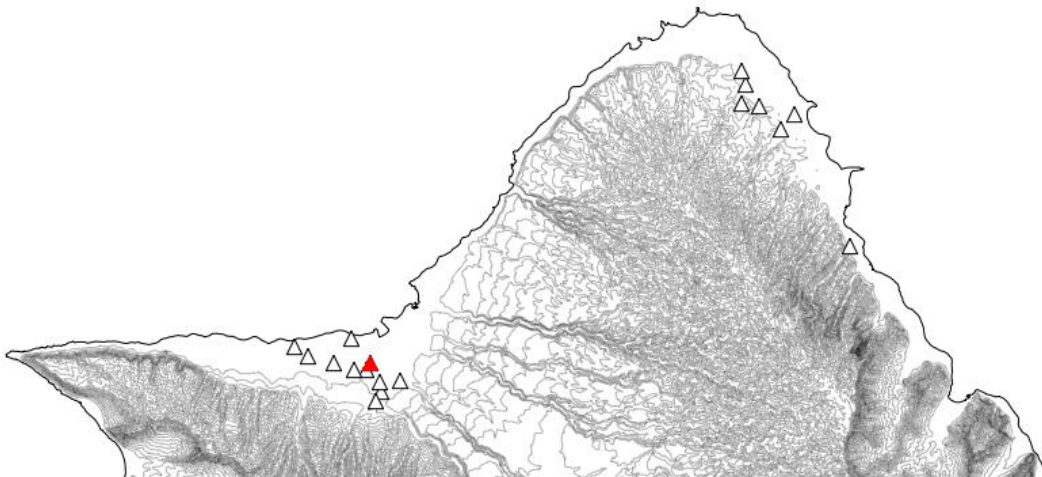
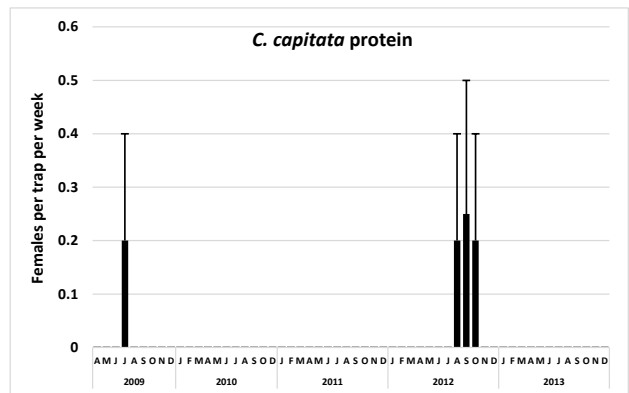
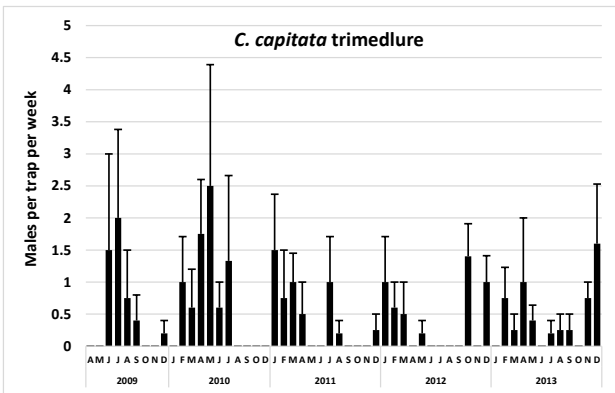
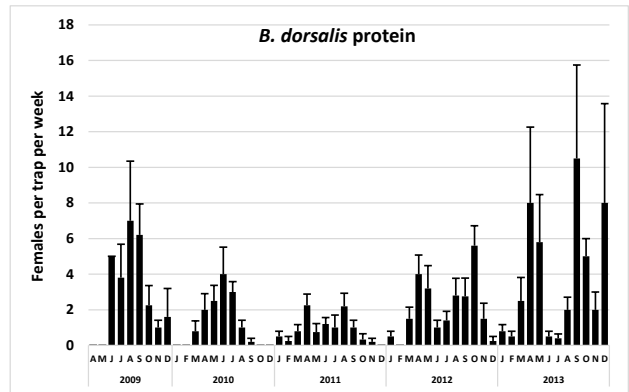
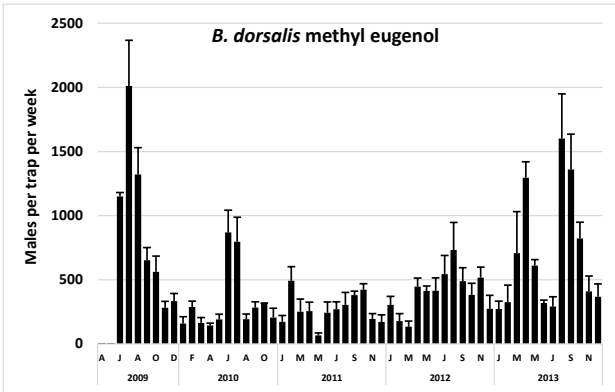
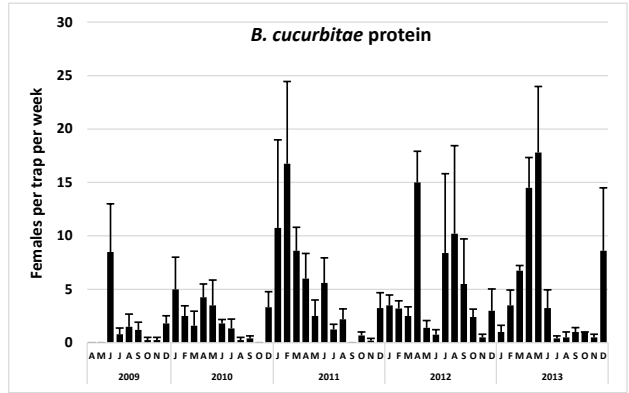
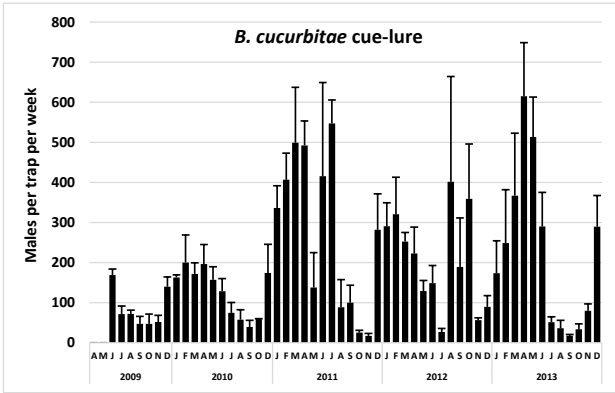
# Waialua site 121: Venevongsoth Farm, Kaupe Rd



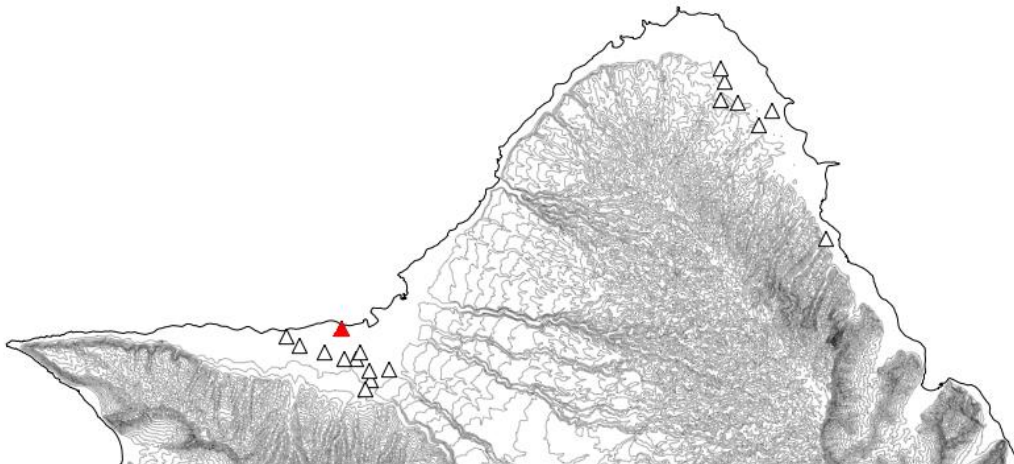
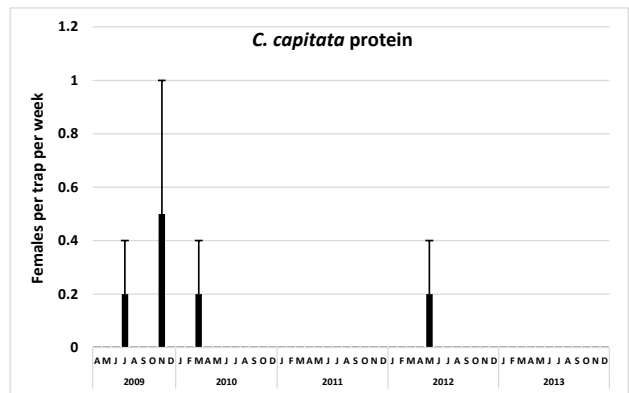
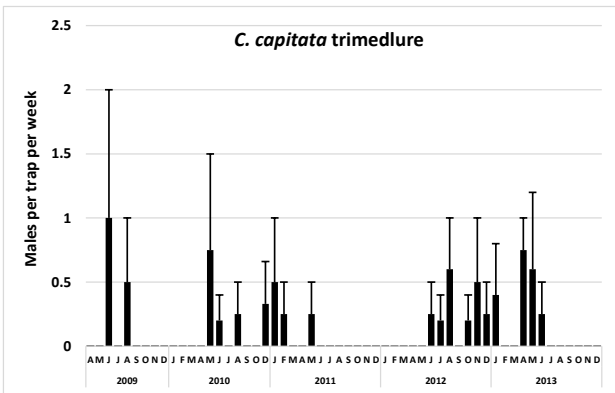
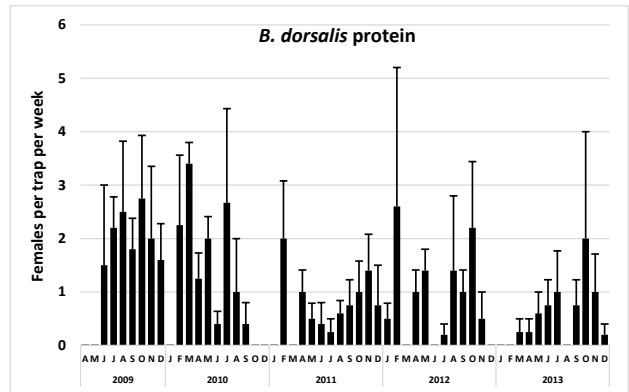
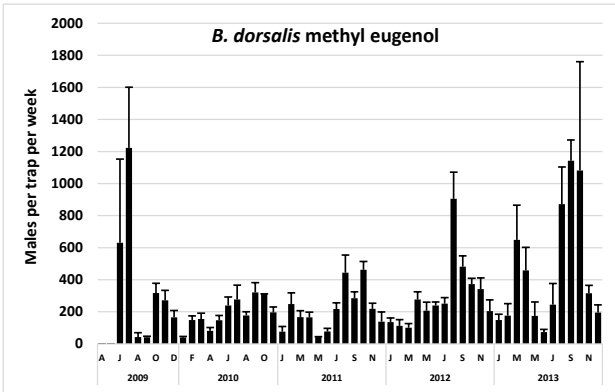
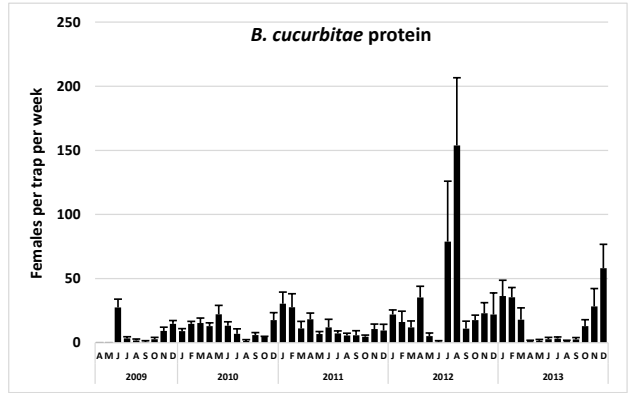
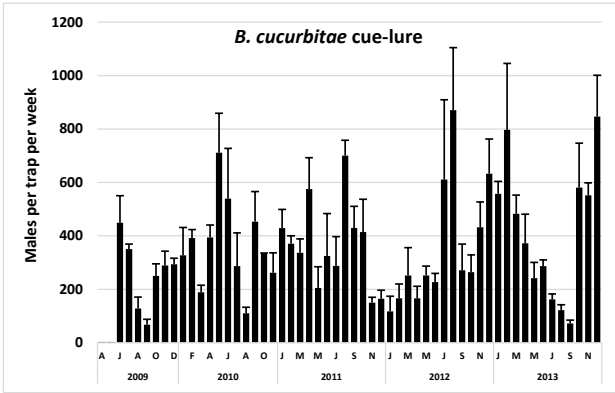
# Waialua site 122: Co-Op, North Shore Farms LLC



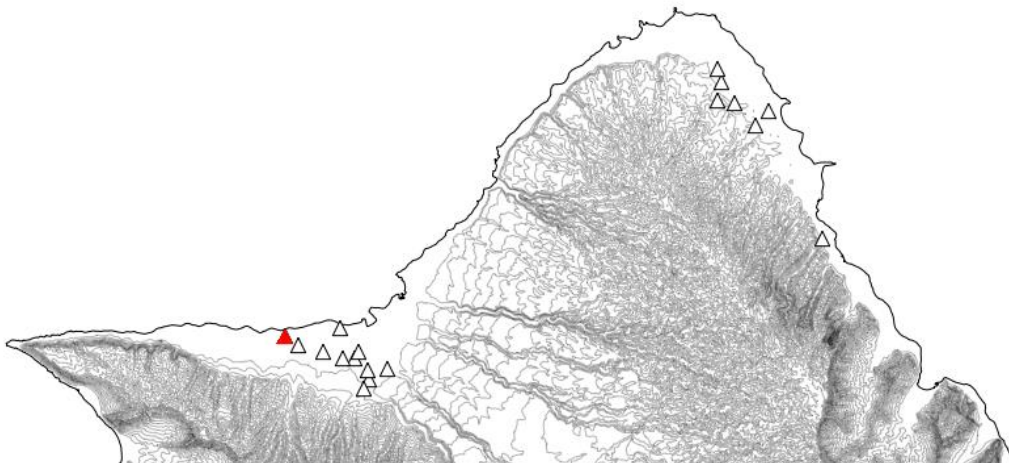
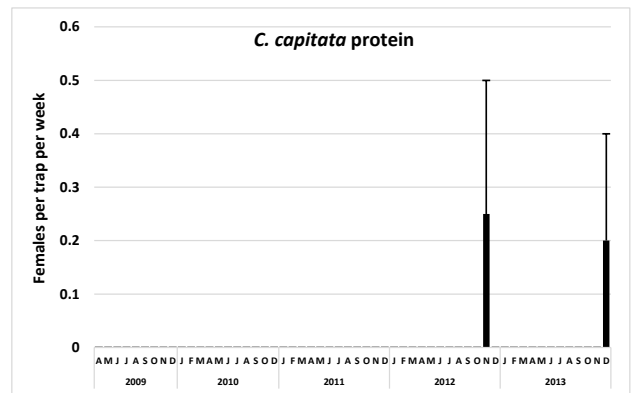
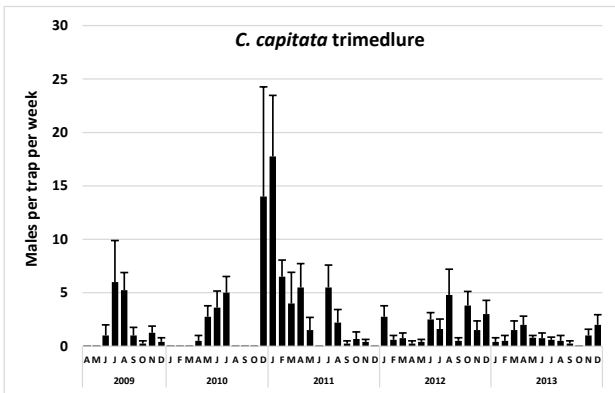
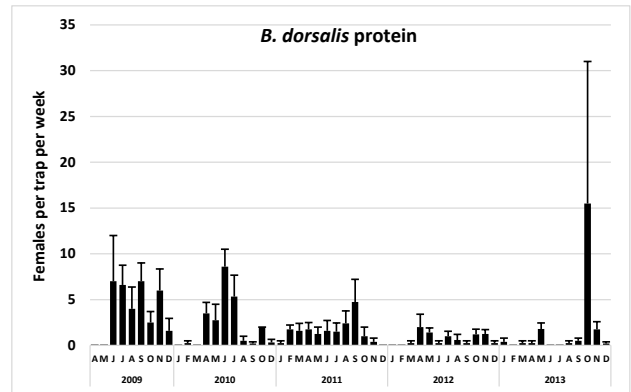
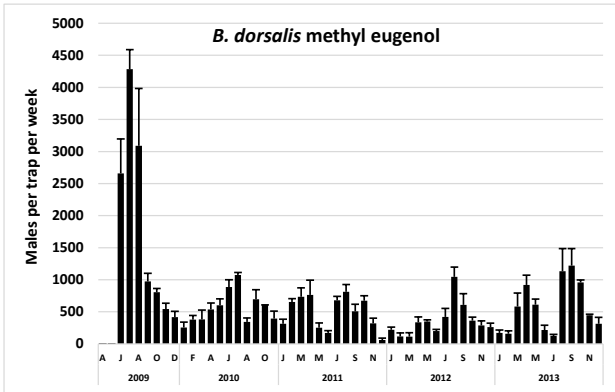
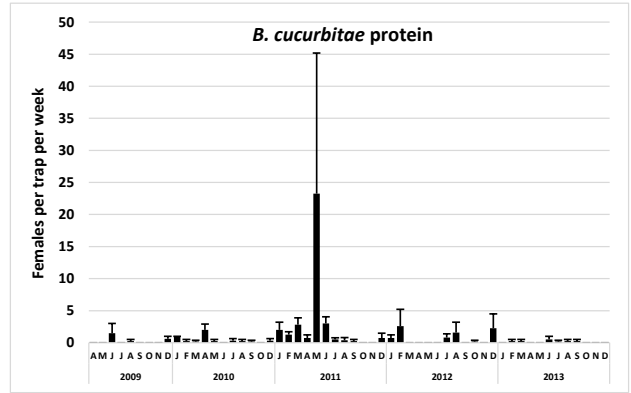
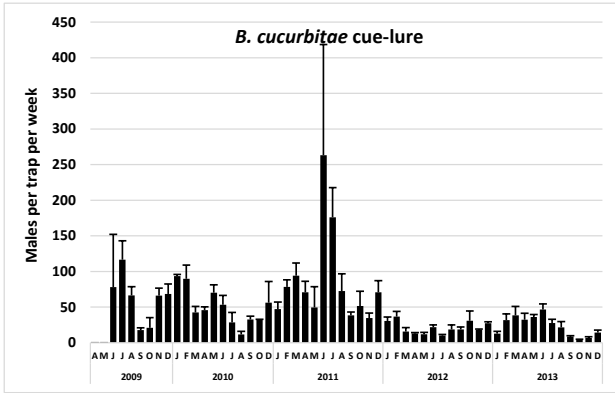
# Waialua site 123: Medrano Farm



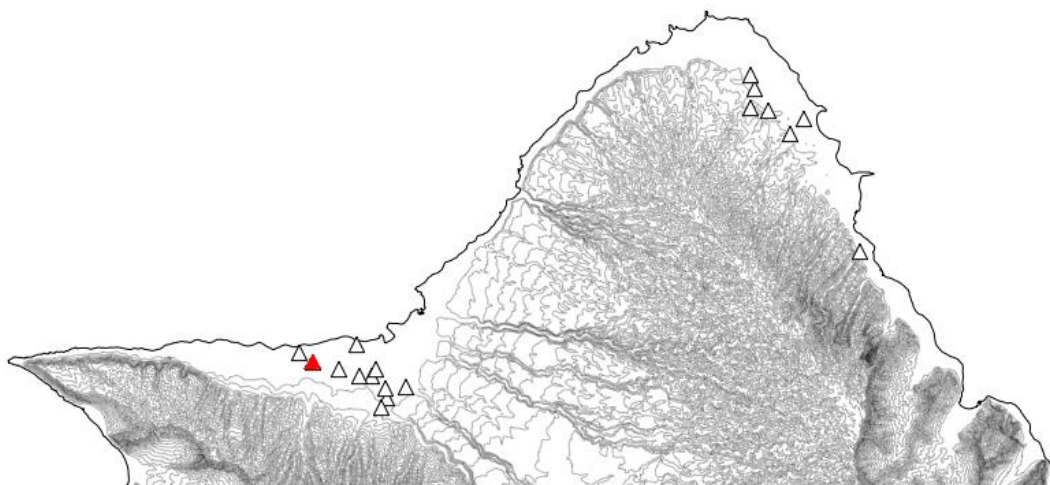
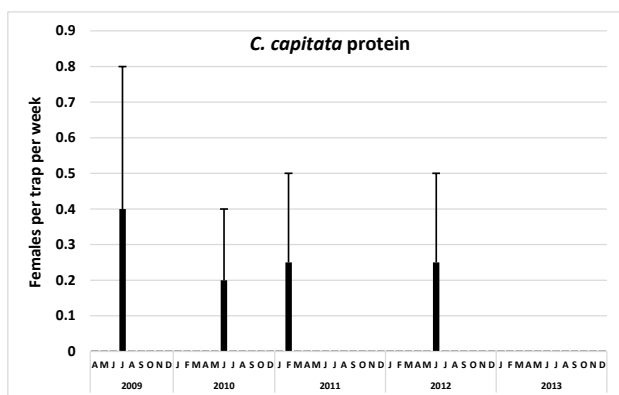
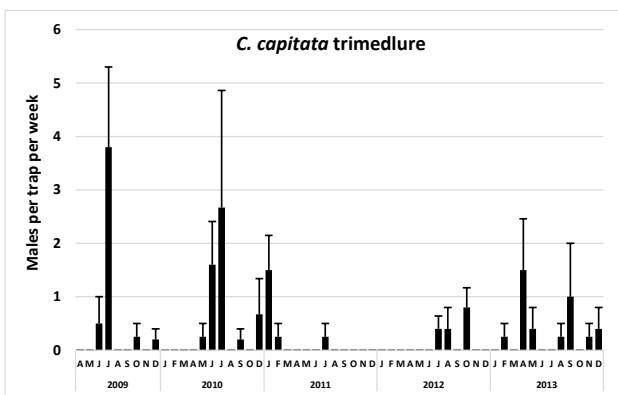
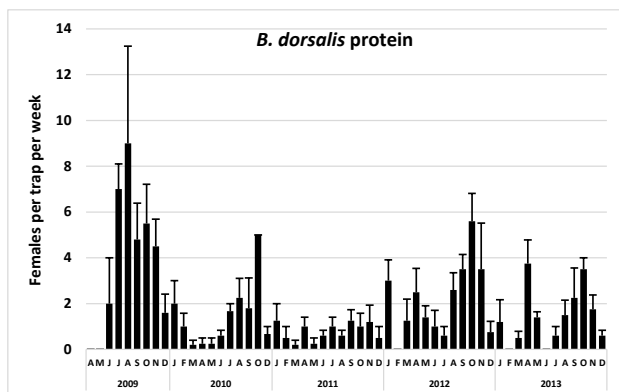
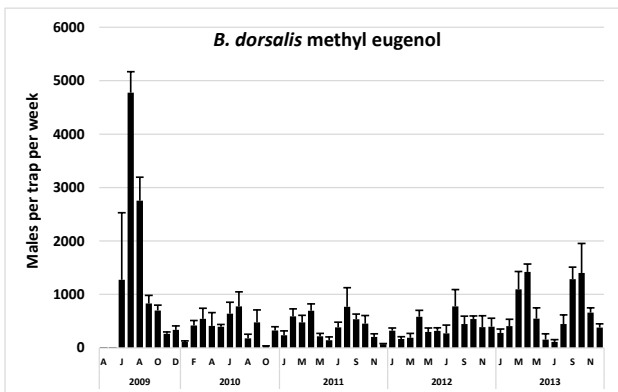
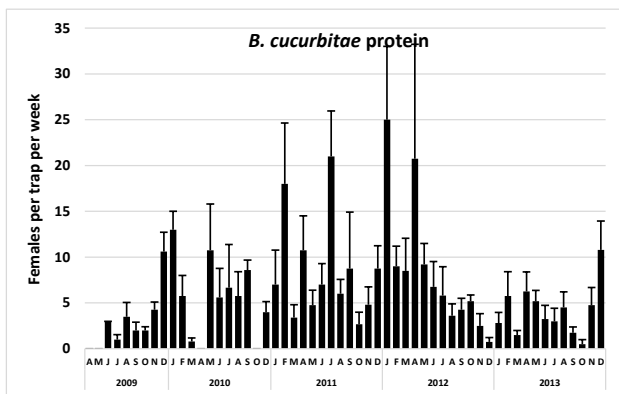
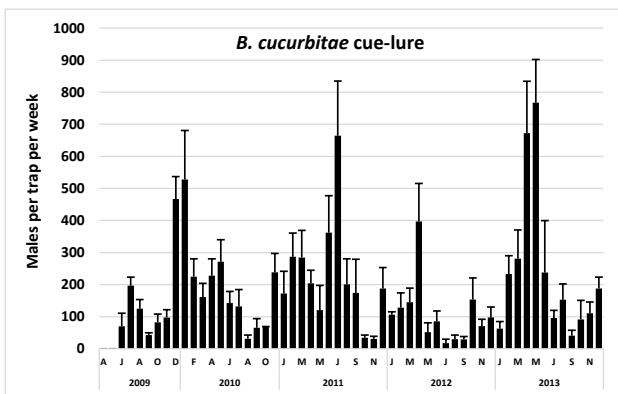
# Waialua site 124: Twin Bridge Farms (Al Medrano)



# Waialua site 125: Mokuleia Landscape & Nursery Company

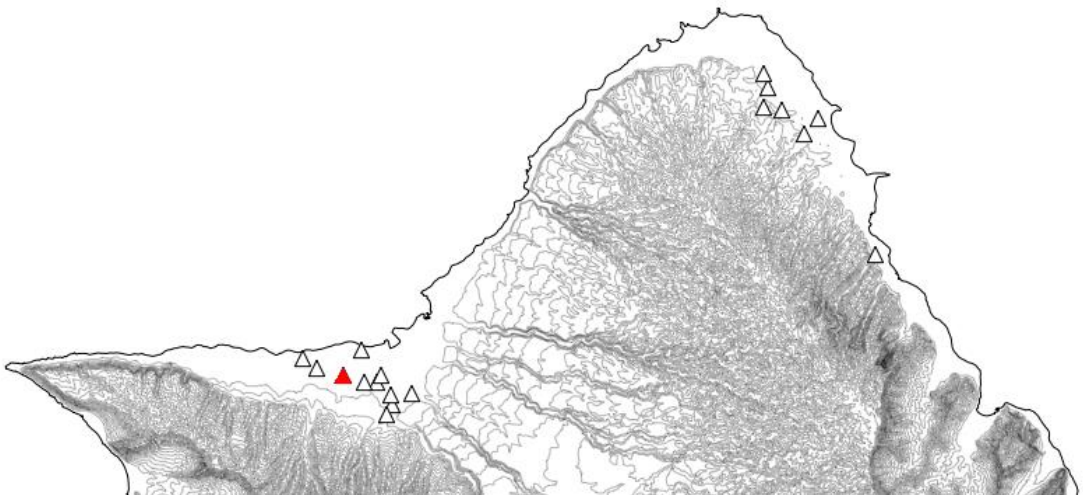
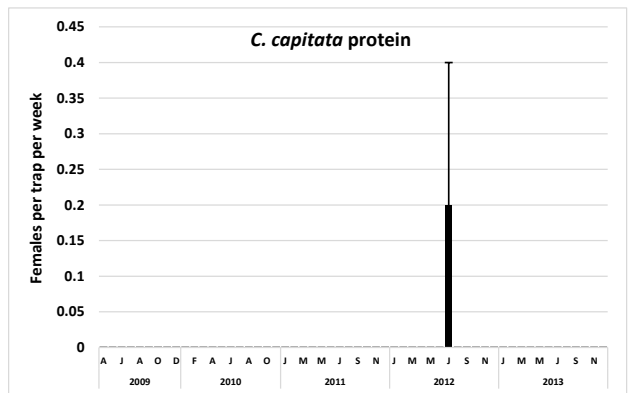
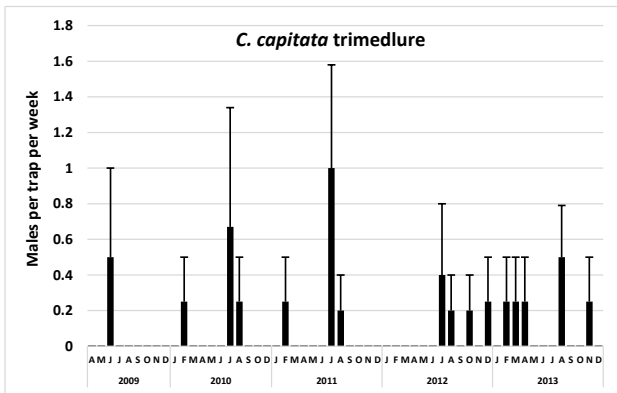
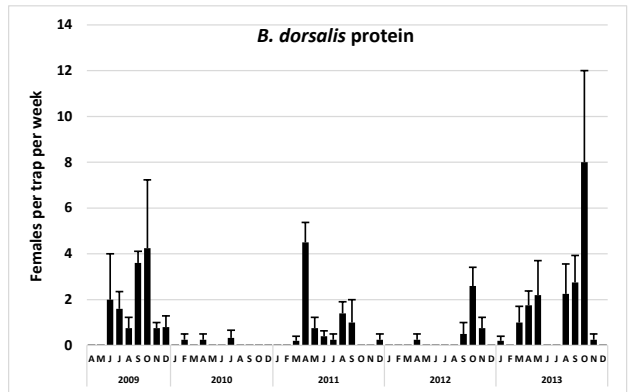
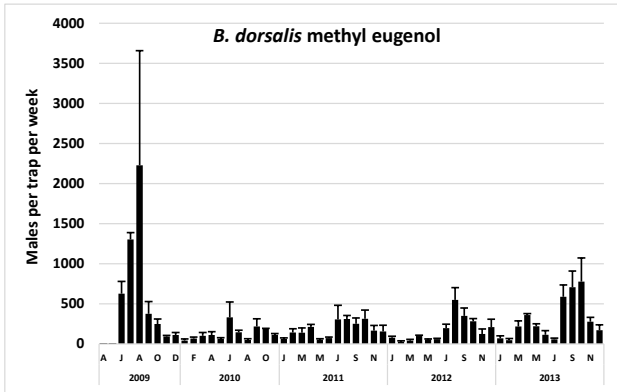
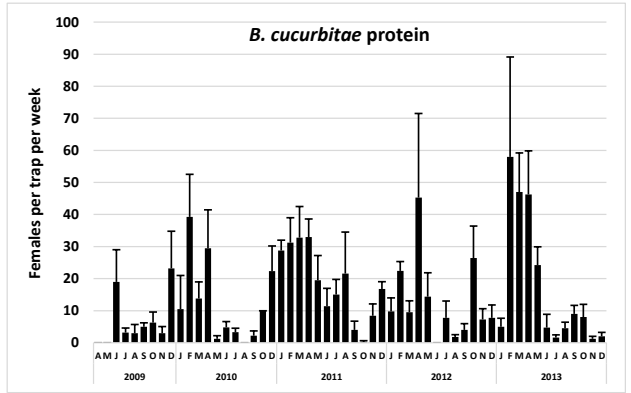
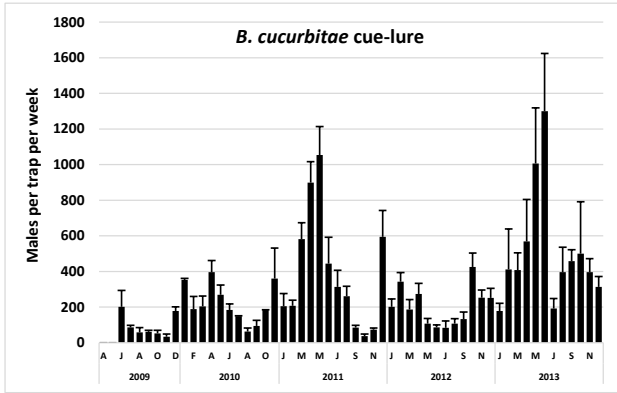


# Waialua site 126: Bounpheng Farm

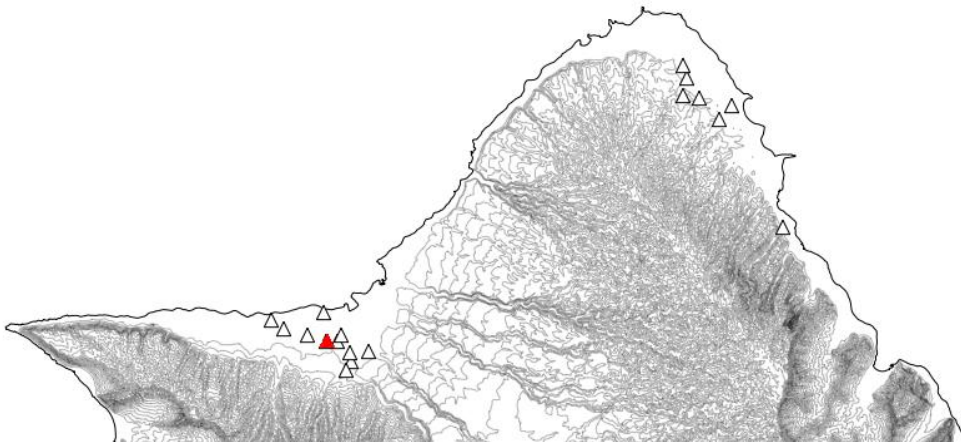
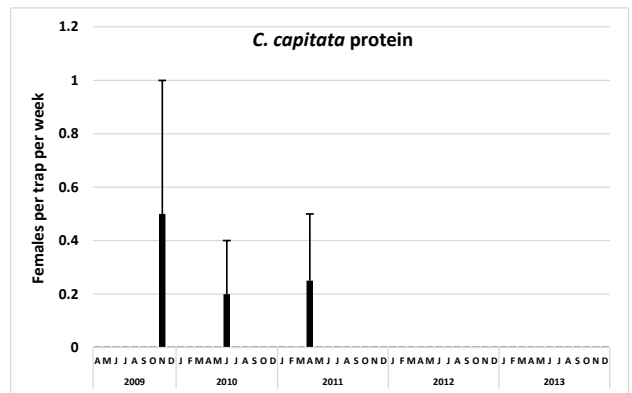
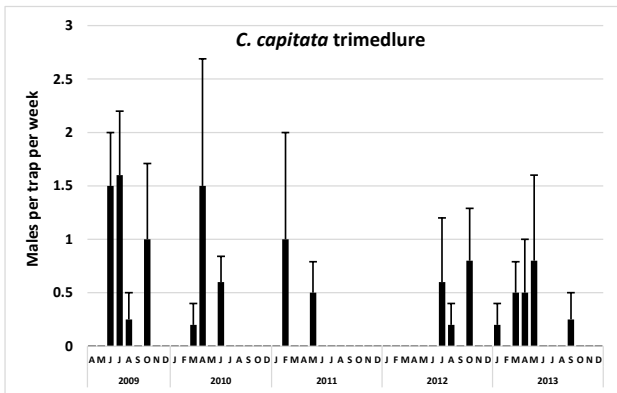
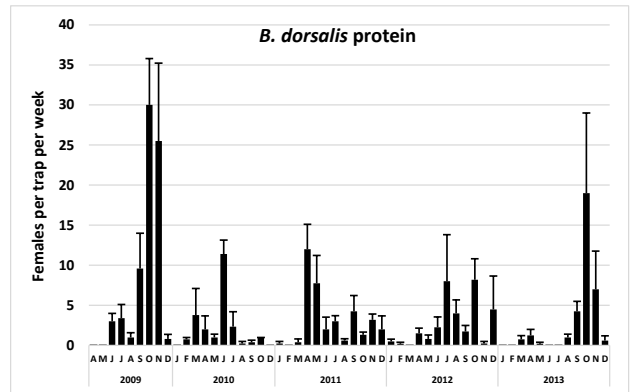
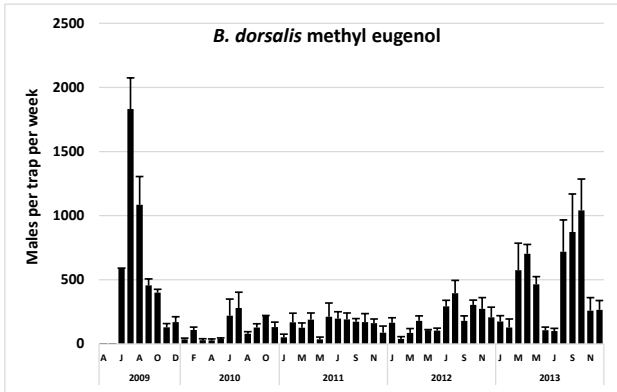
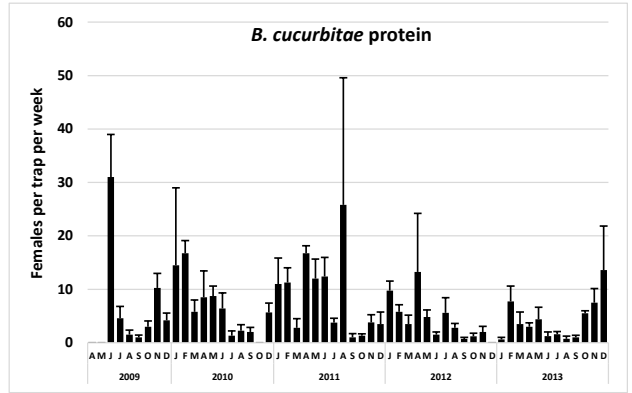
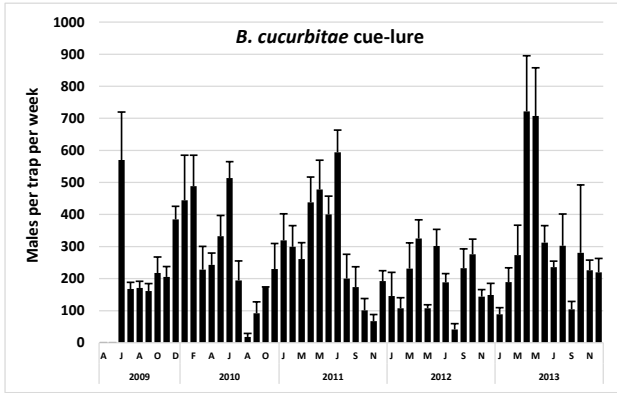




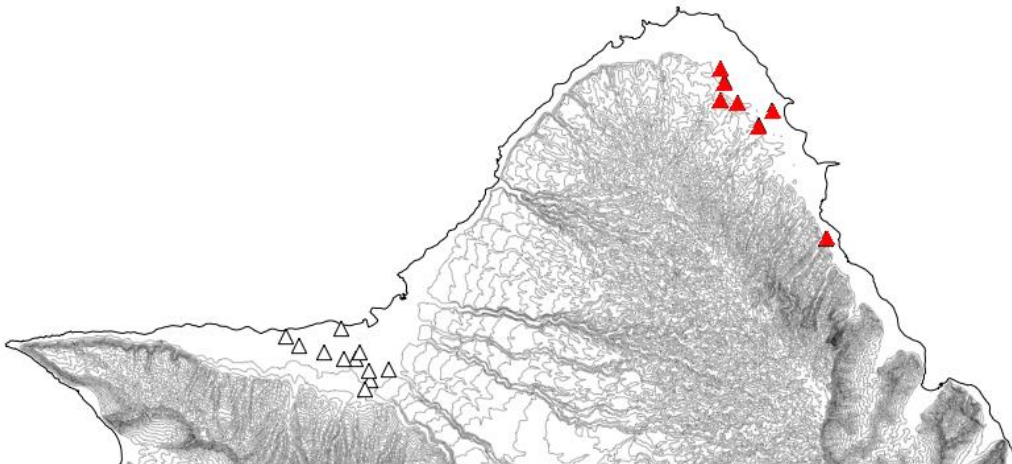
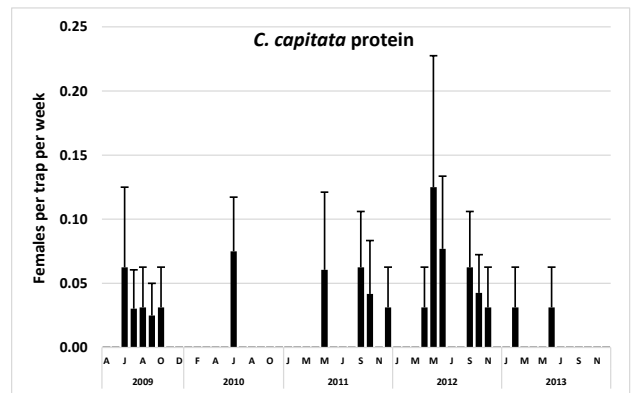
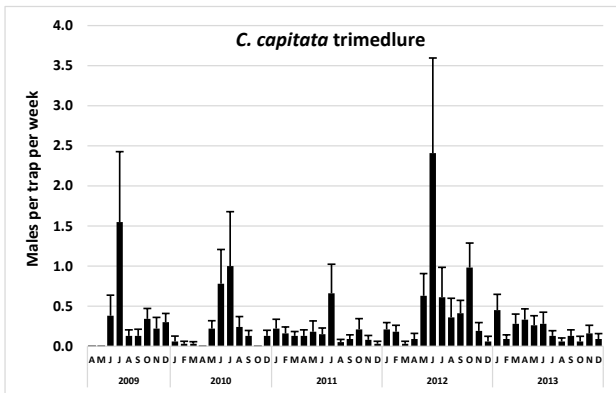
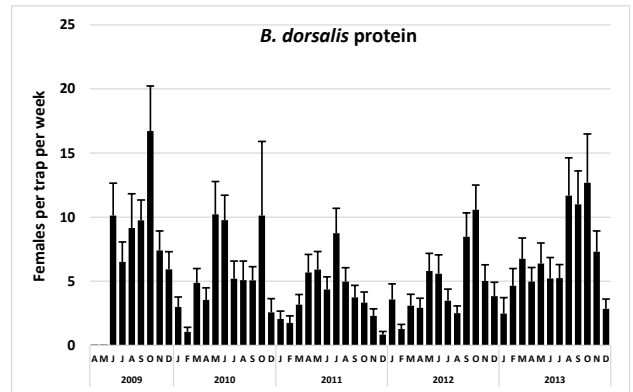
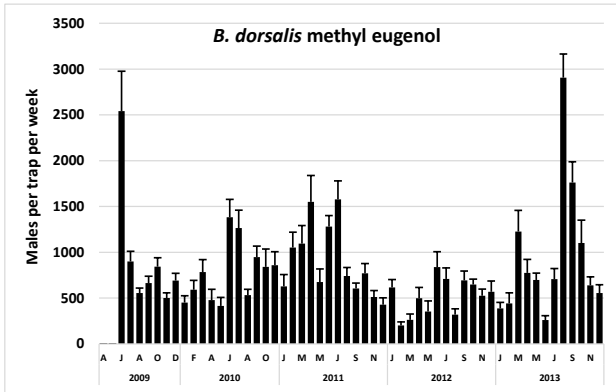
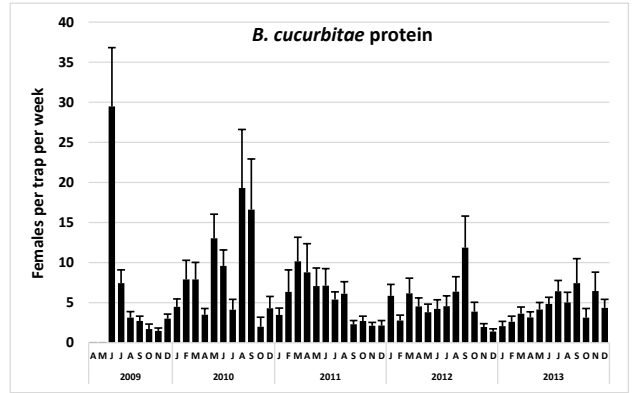
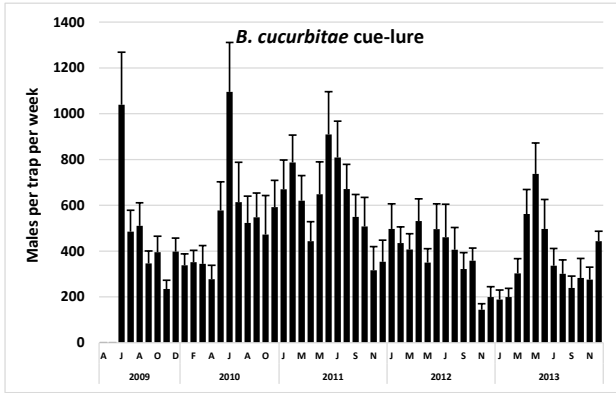
# Waialua site 127: Phoutha Farm



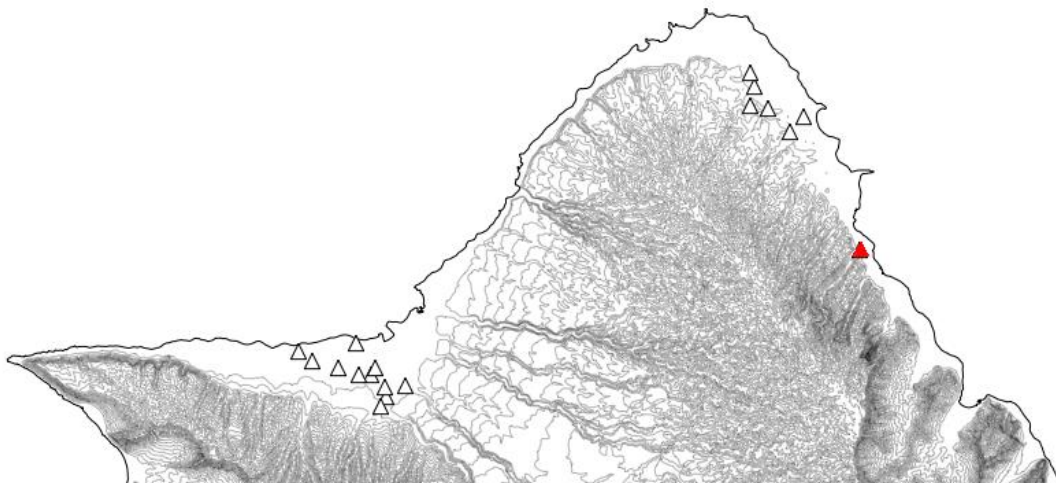
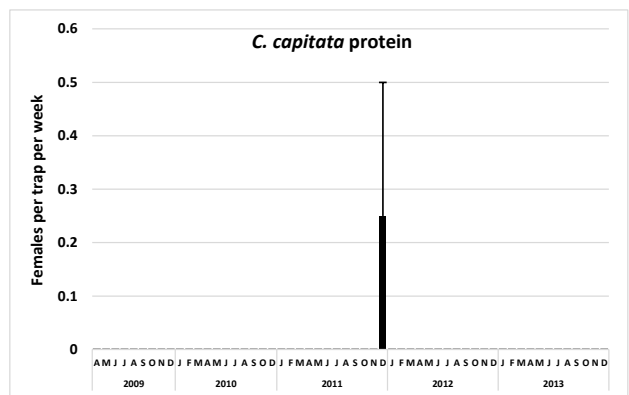
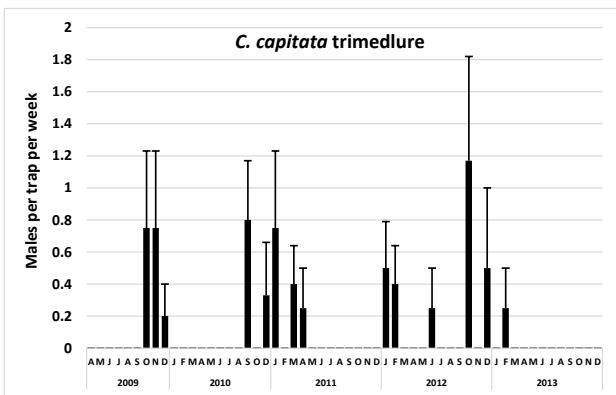
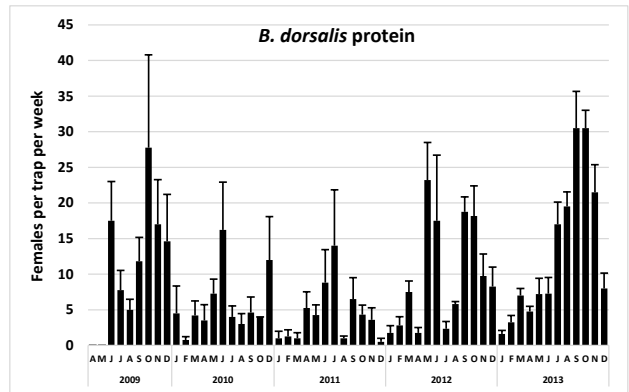
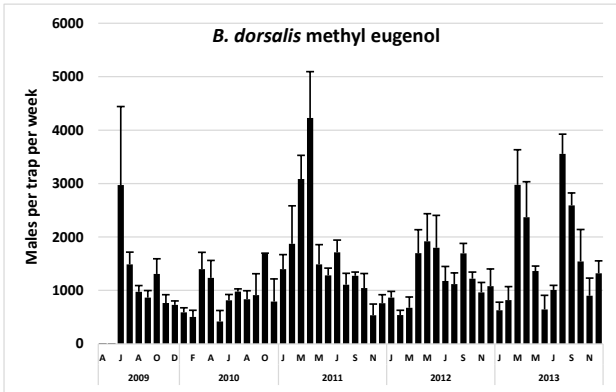
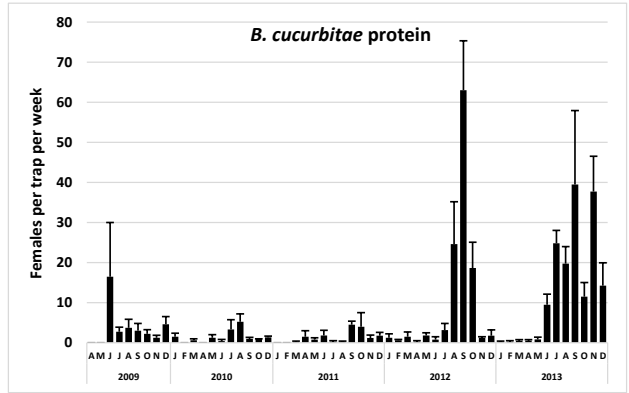
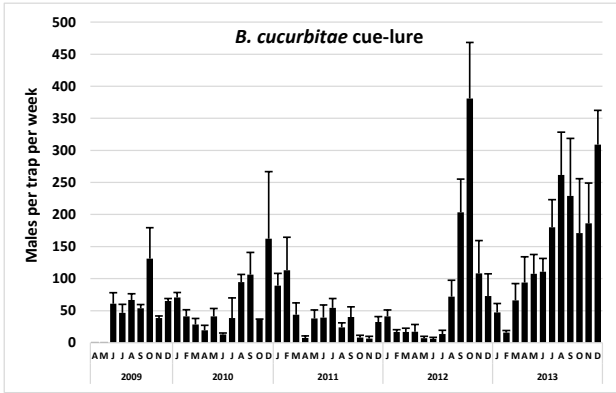
# Waiialua site 128: James & Barbara Kirk Farm



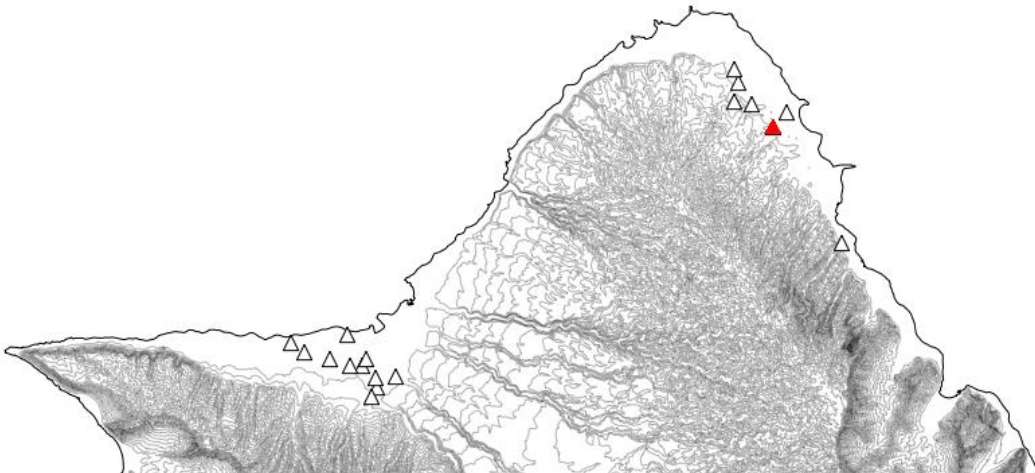
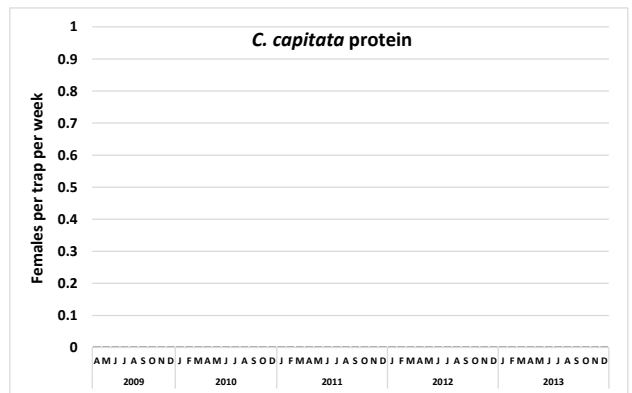
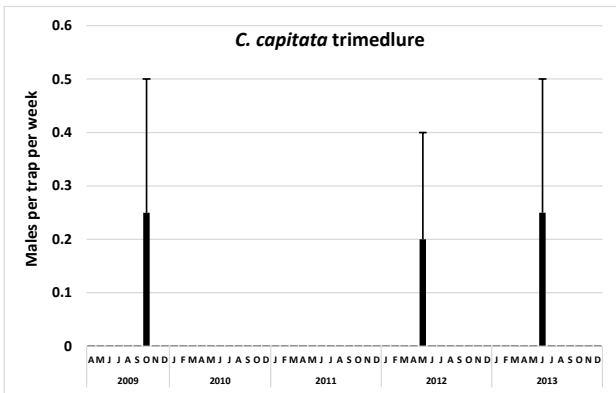
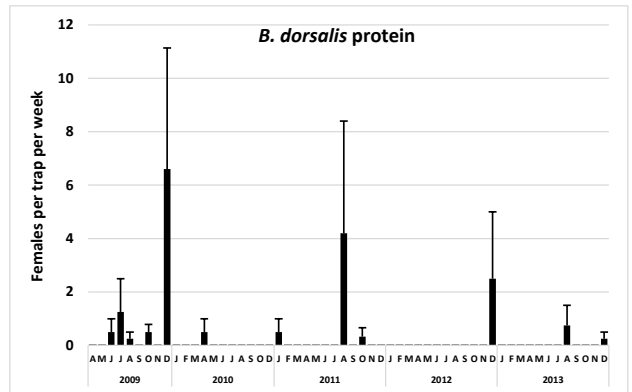
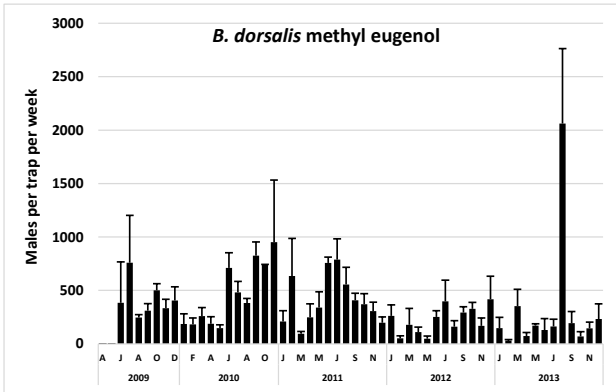
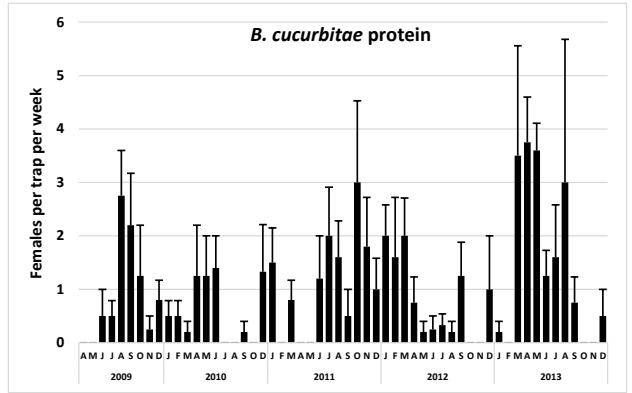
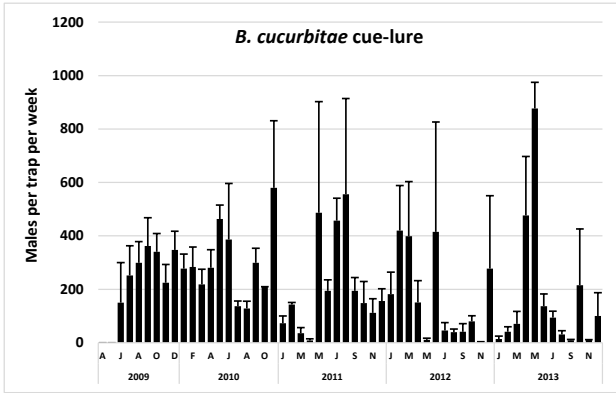
# Northwest Oahu (all sites)



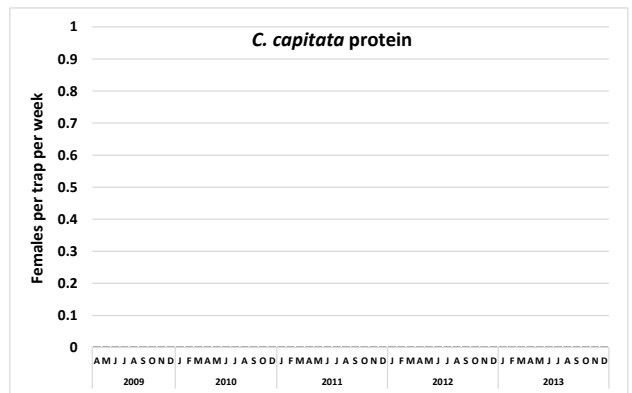
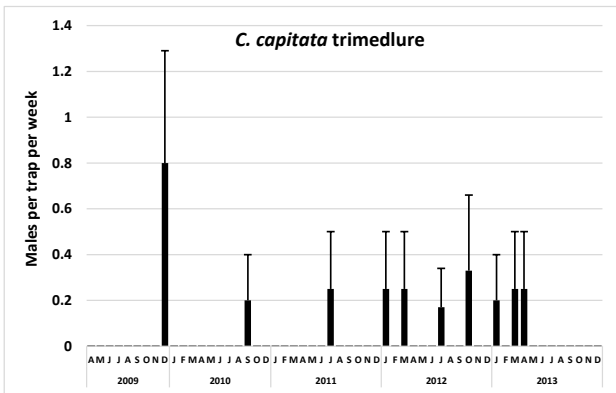
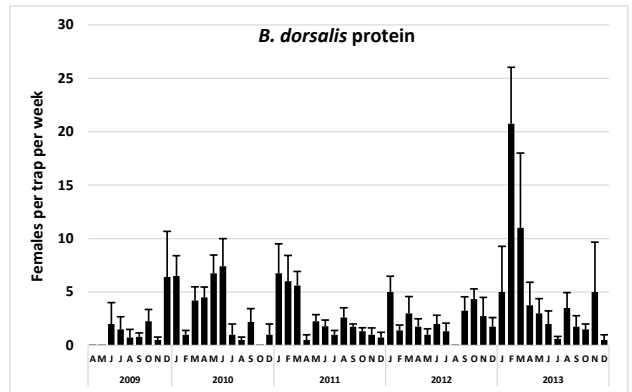
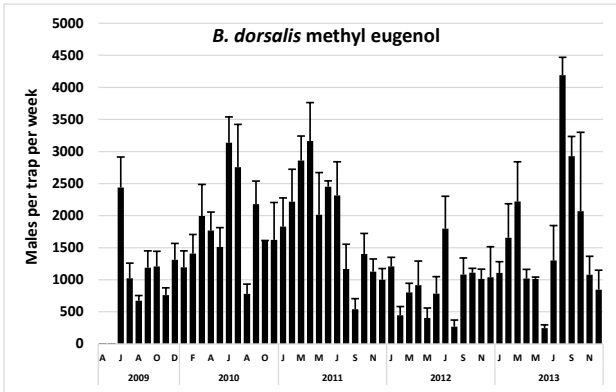
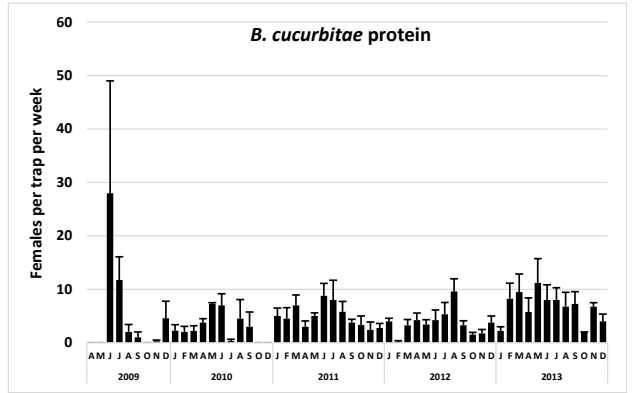
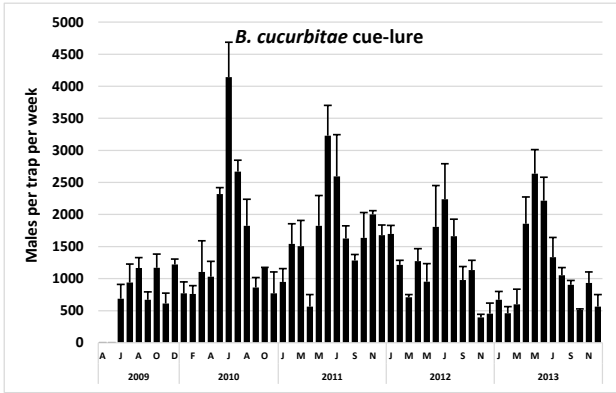
# NW Oahu site 106: Hauula: Green Growers Inc.



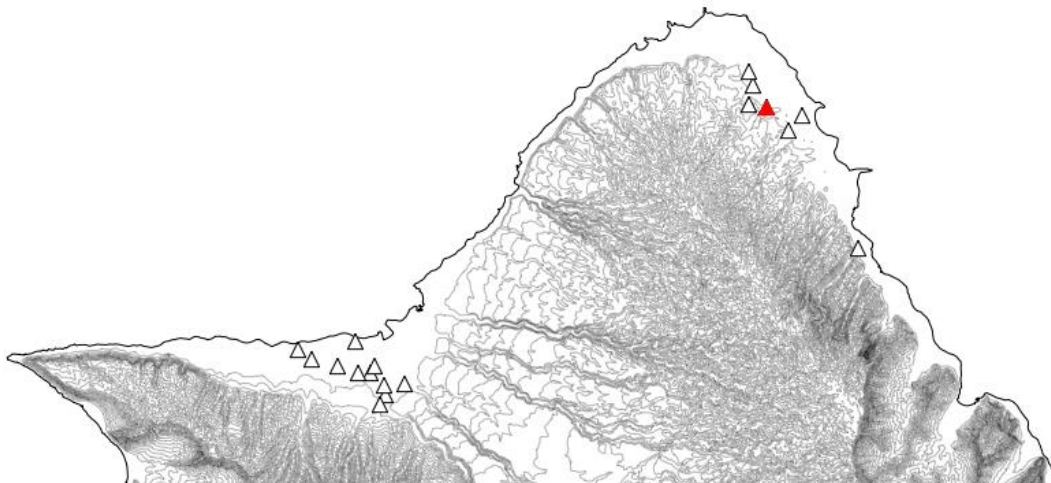
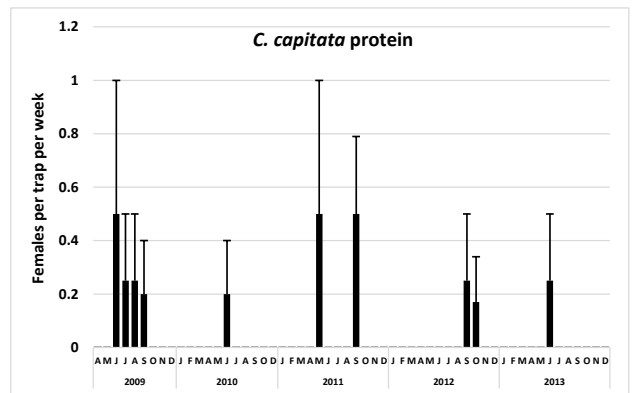
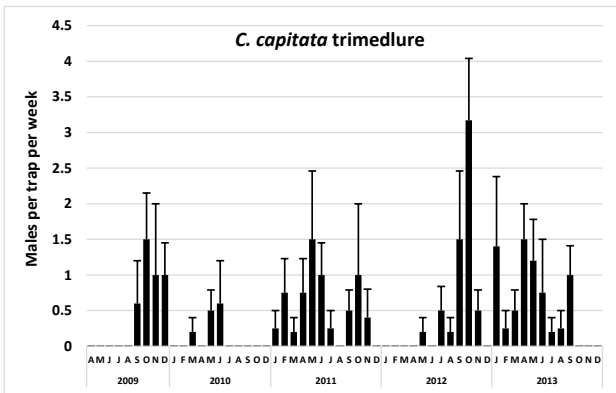
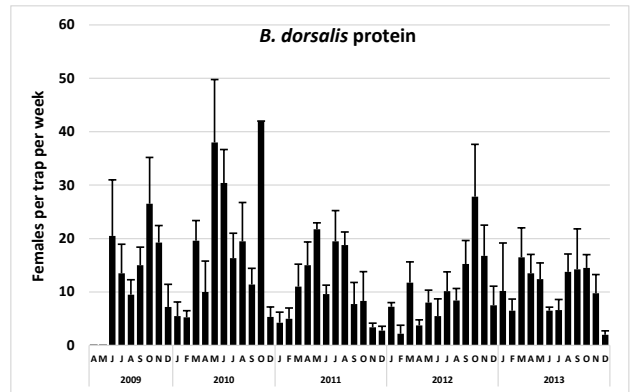
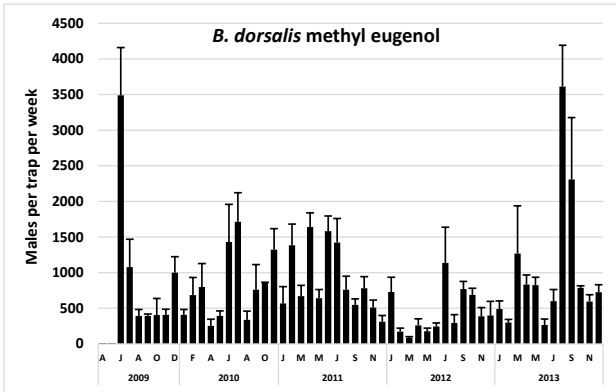
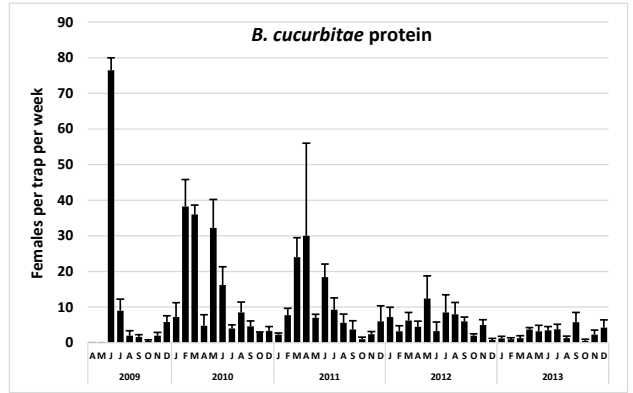
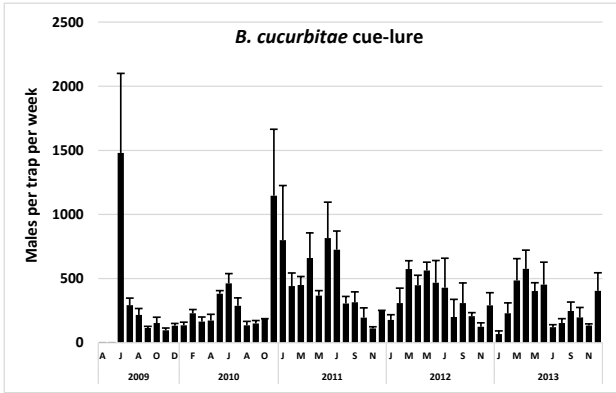
# NW Oahu site 110: Kahuku: Tropic Farms Hawaii



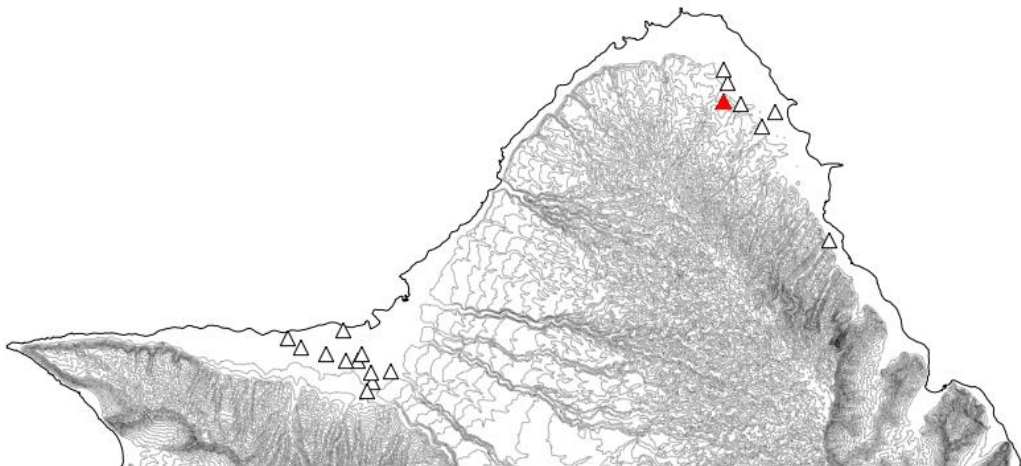
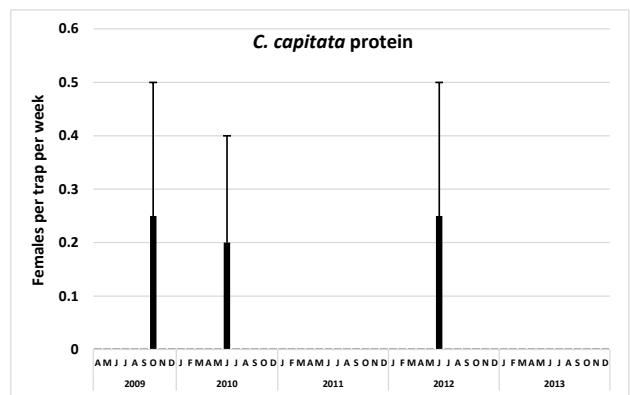
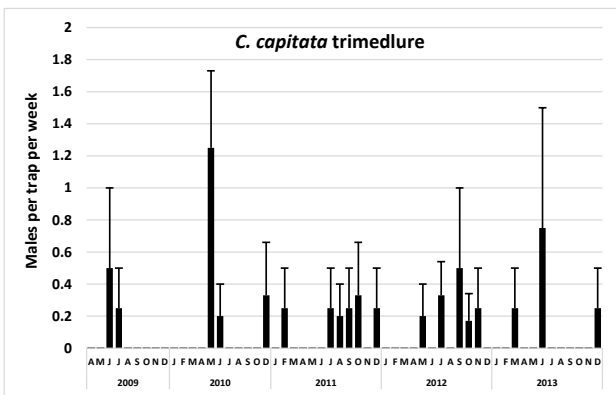
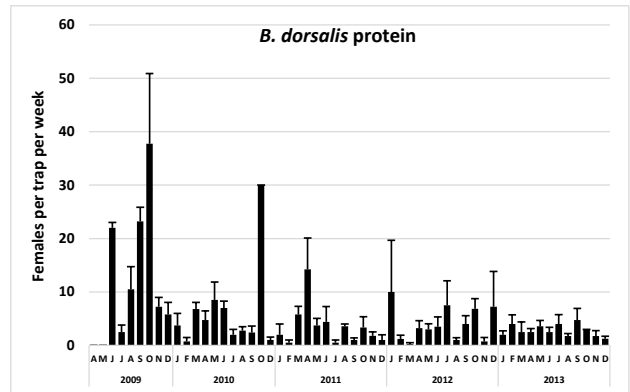
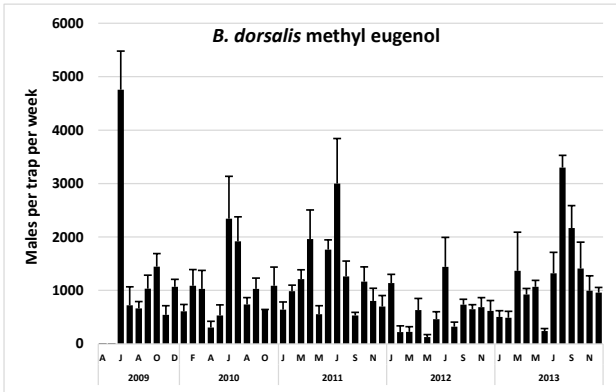
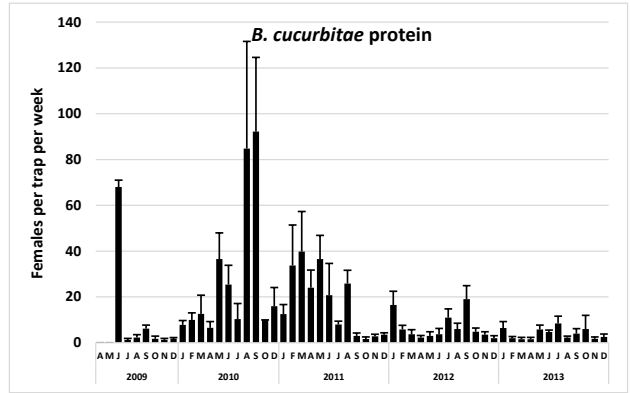
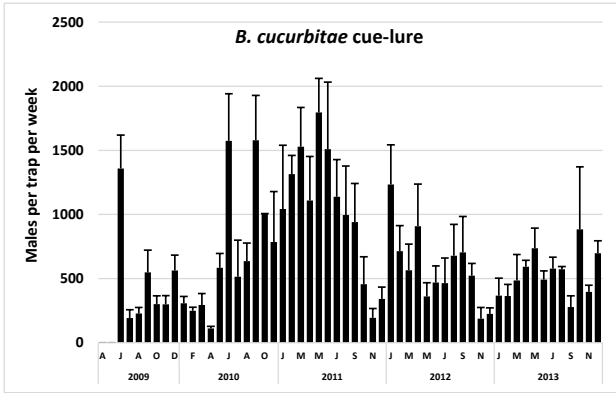
# NW Oahu site 111: Kahuku: Malaekahana Hui West LLC



# NW Oahu site 112: Kahuku: Hawaii Agr. Park site 1

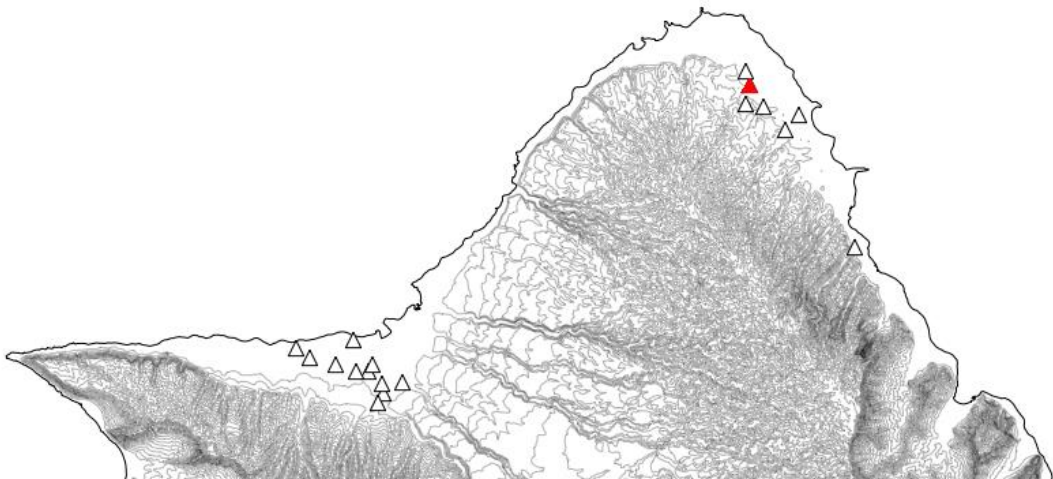
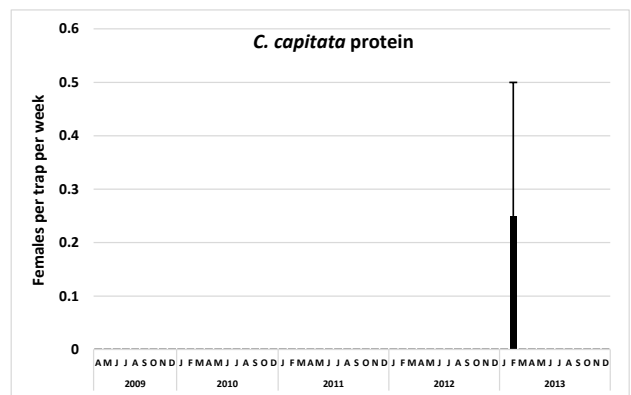
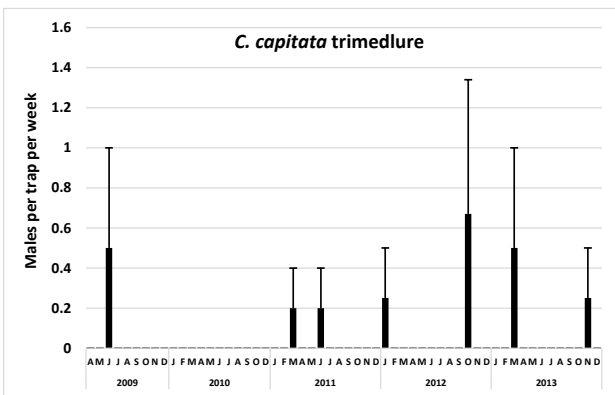
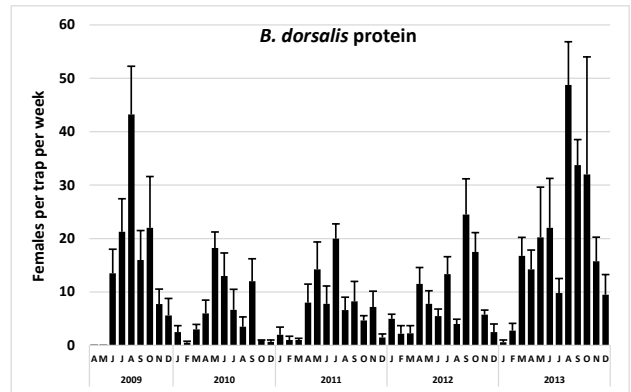
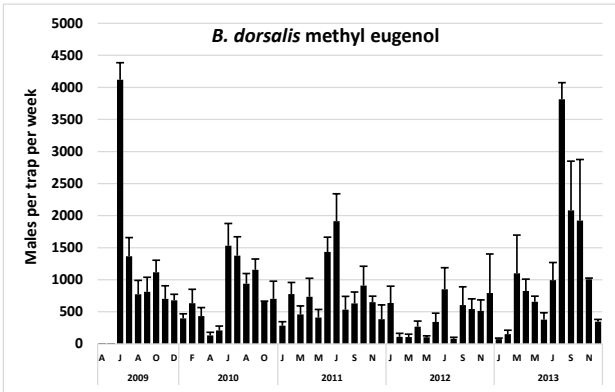
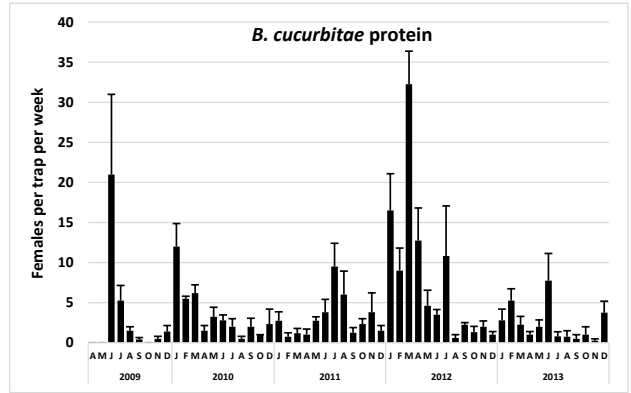
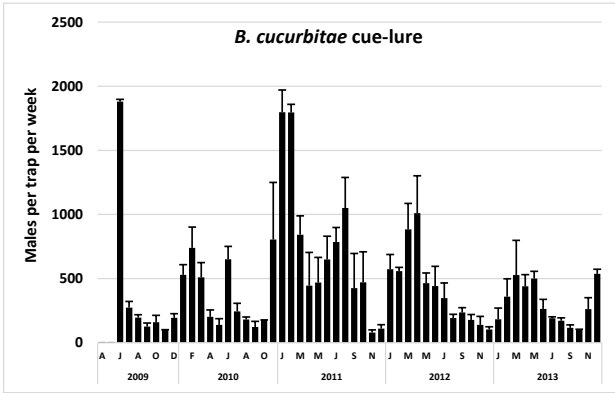


# NW Oahu site 113: Kahuku: Hawaii Agr. Park site 2

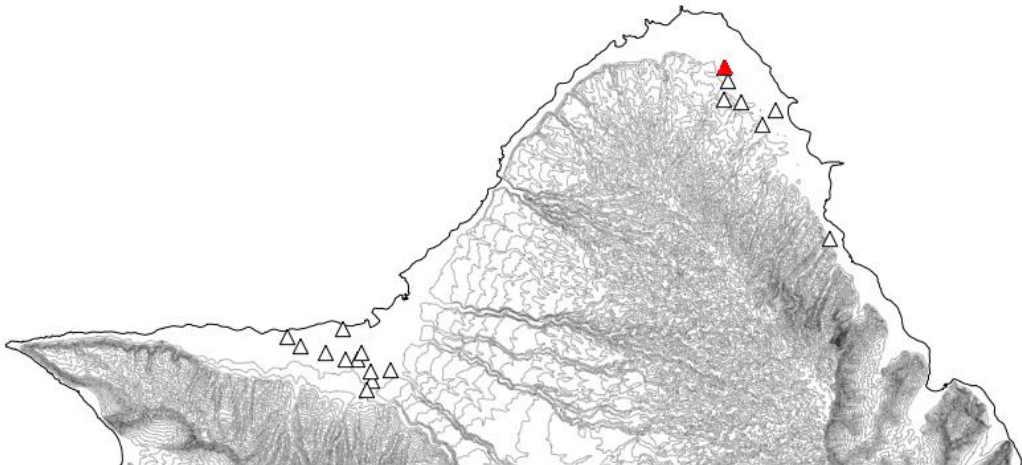
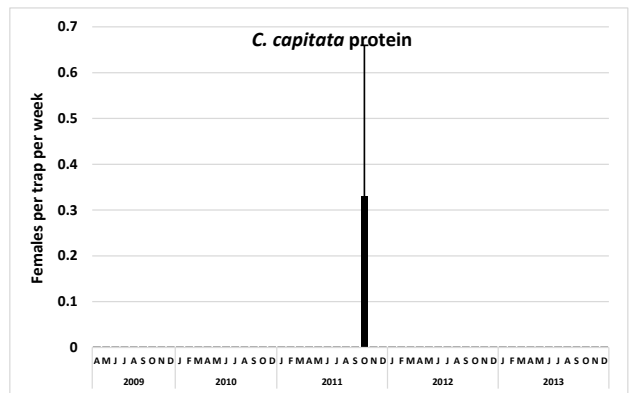
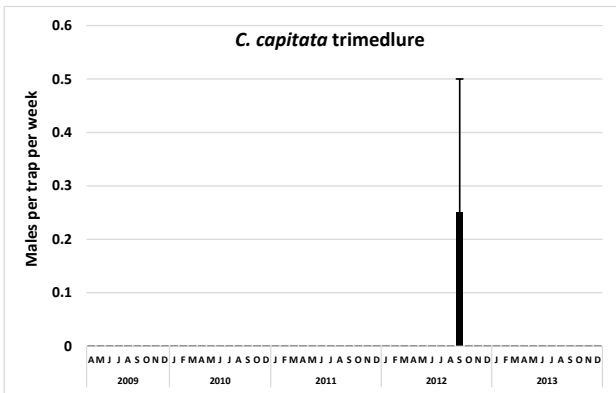
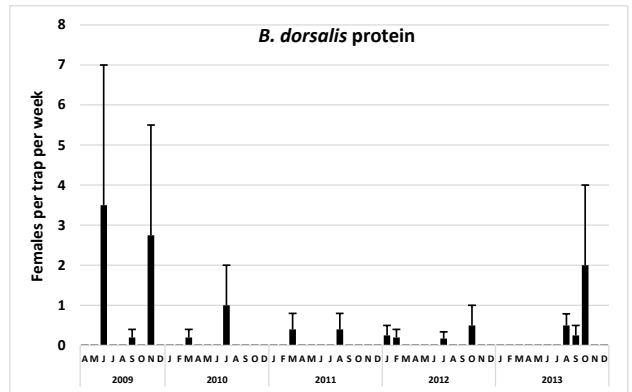
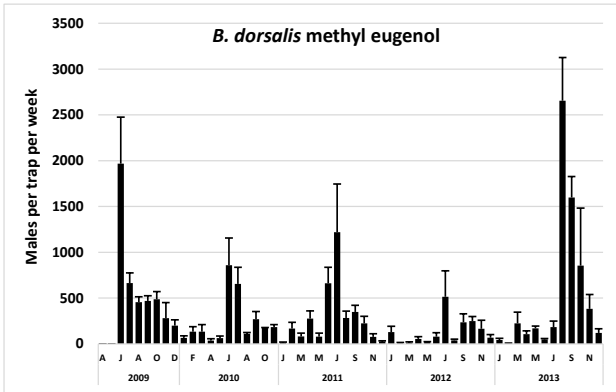
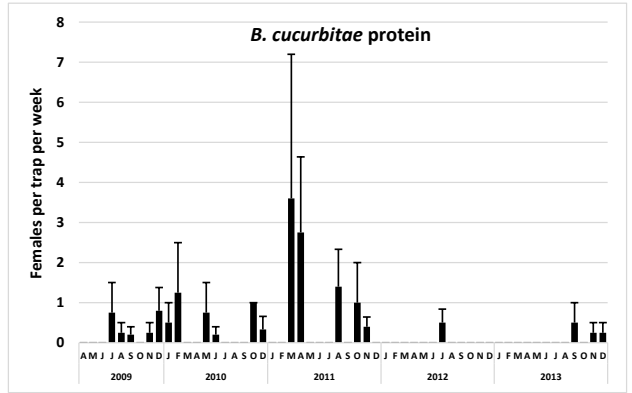
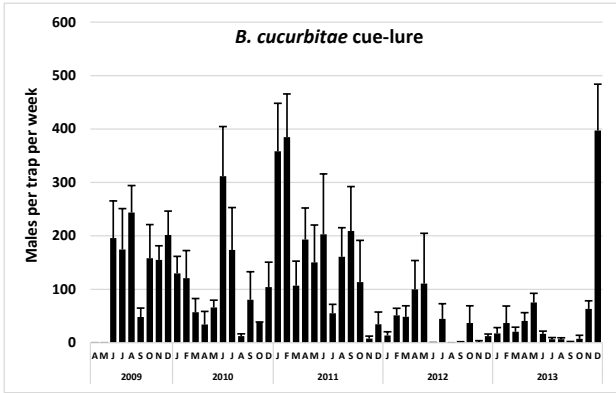




# NW Oahu site 114: Kahuku: Clyde Fukuyama Farm

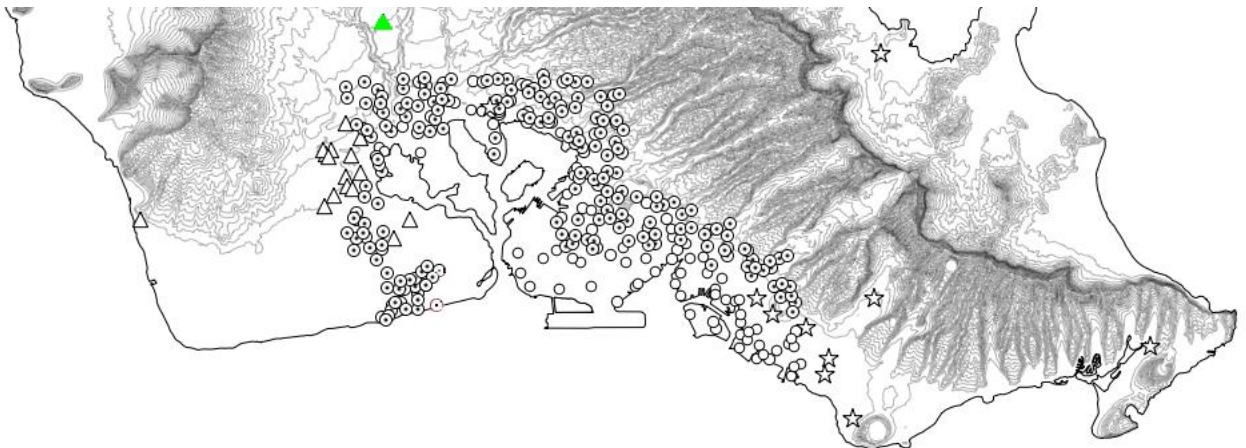
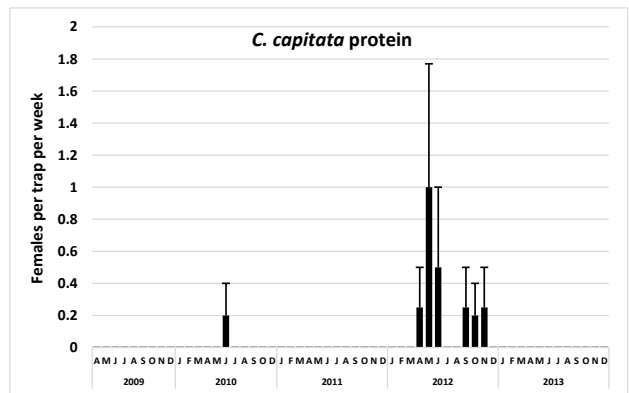
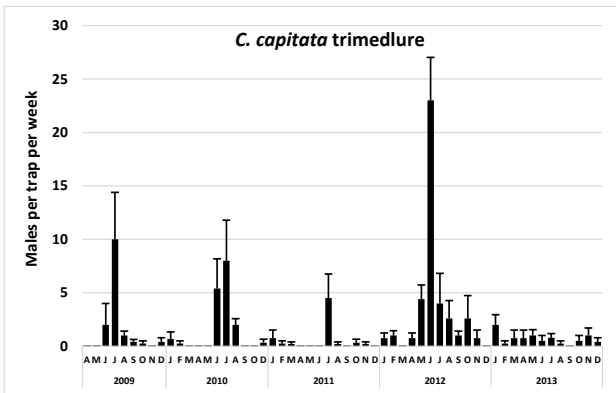
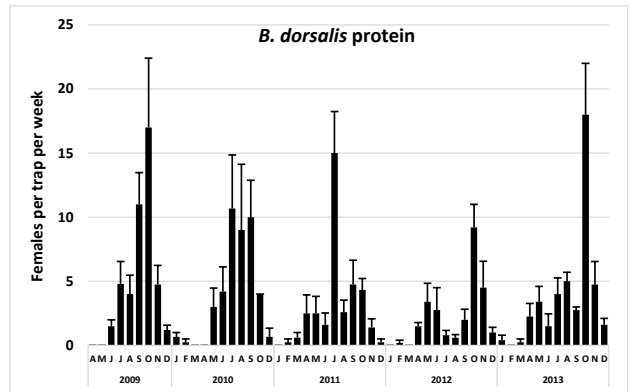
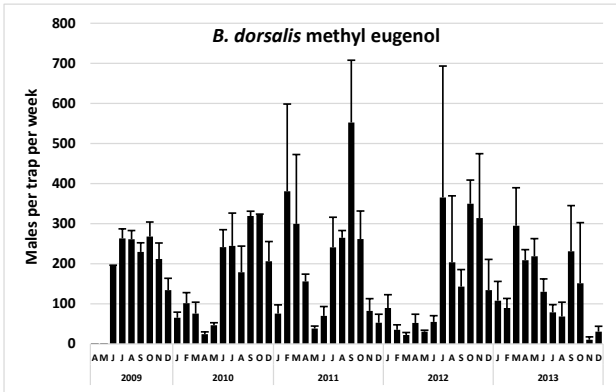
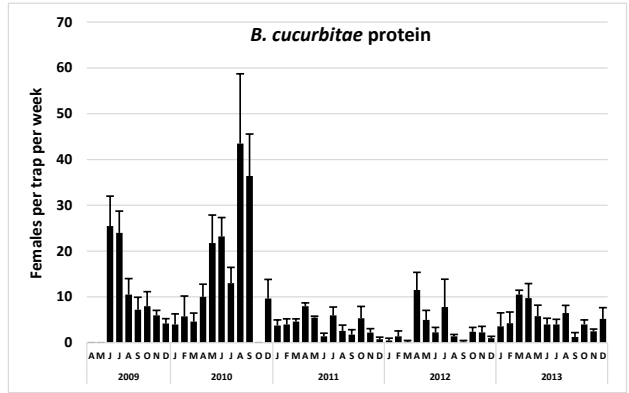
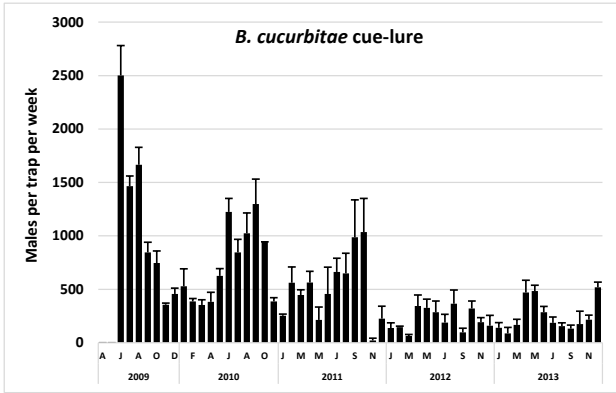


# NW Oahu site 115: Kahuku: Nozawa Farm



# Misc. unassigned sites

## Site 116: Mililani: Wayne Osagawara Farm



# Site 296: Waipahu Cultural Center

