

The Good, the Bad, and... Why am I Doing This, again?



Phinizy Center for Water Sciences





The good...

- Lots of equipment
- Access to expertise
- Partially funded
- Still alive

The bad...

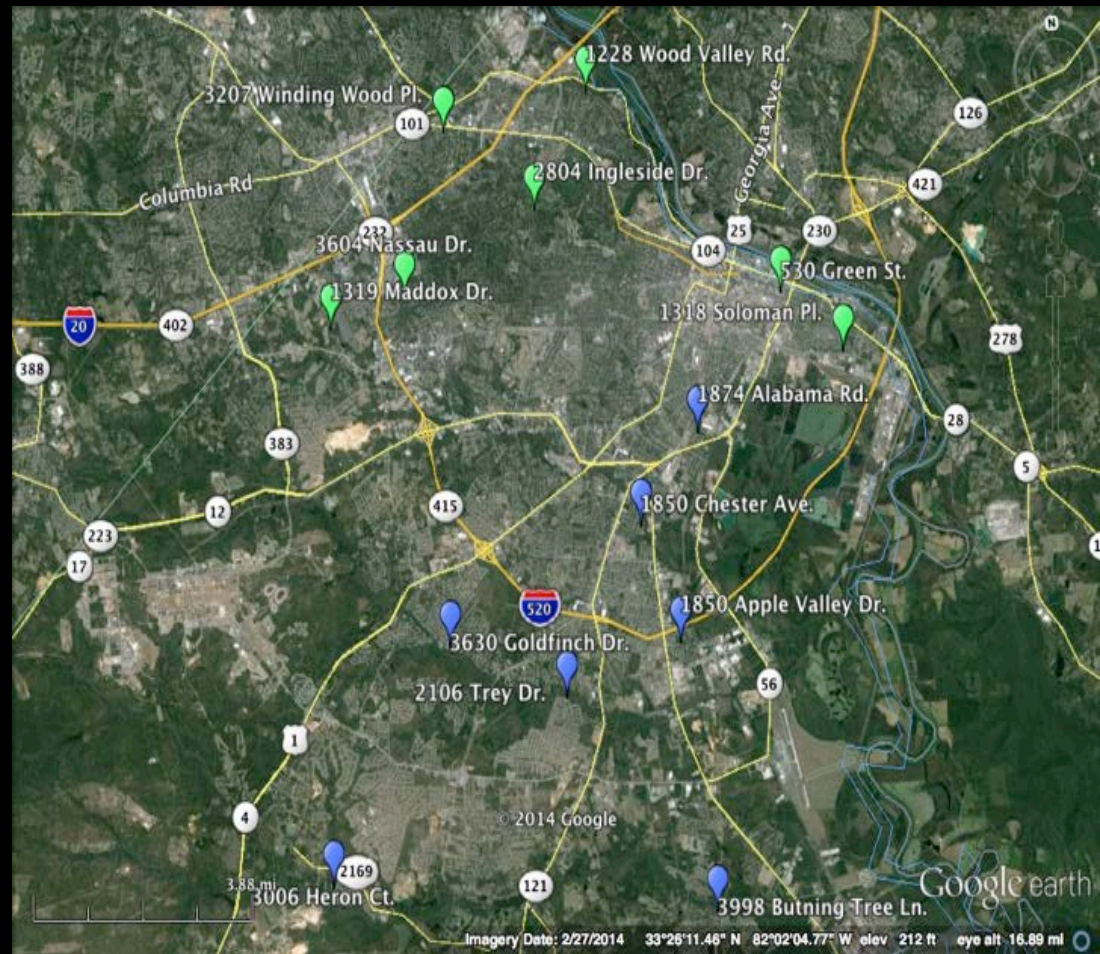
- Partially funded
- Limited research beyond surveillance

Why am I doing this, again?

- Cool research opportunities
 - Mosquitofish in abandon swimming pools
 - Mosquito ecology

Sites

- 7 sites in the northern part of Augusta-Richmond County
- 7 sites in the southern part of Augusta-Richmond County
- 1 site in the constructed wetlands

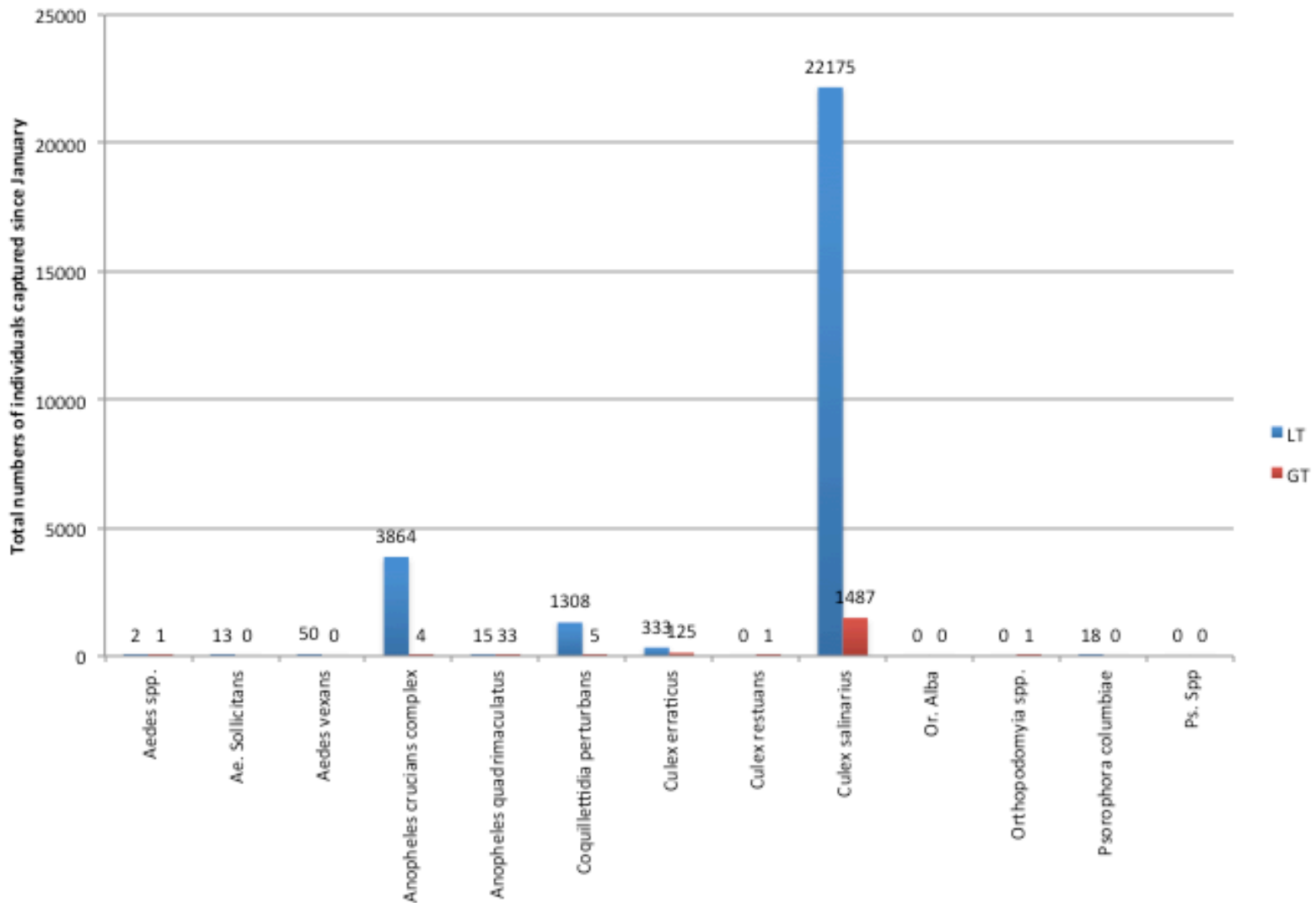


Methods

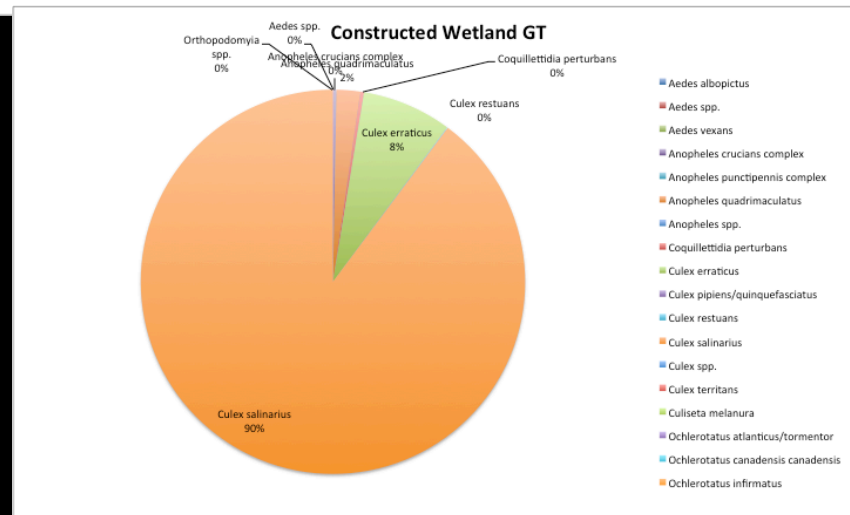
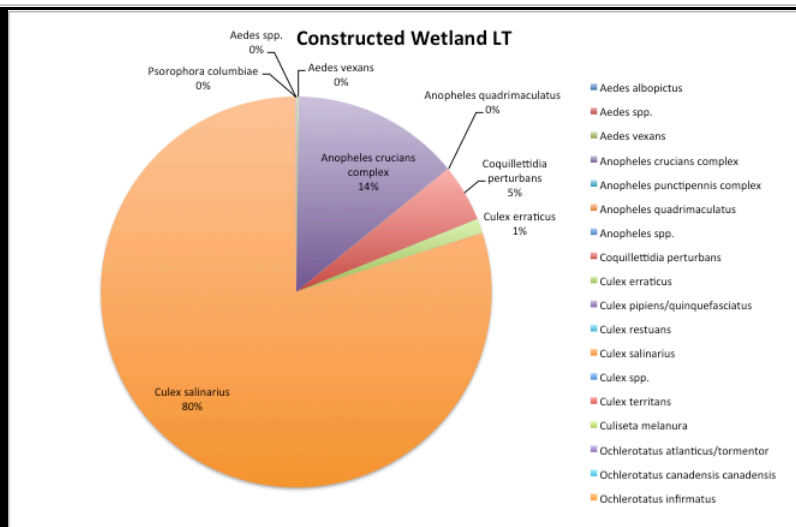
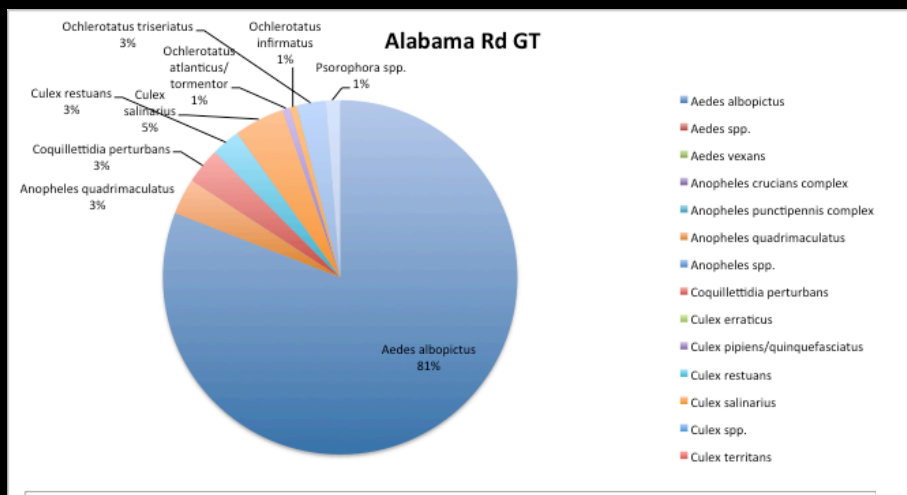
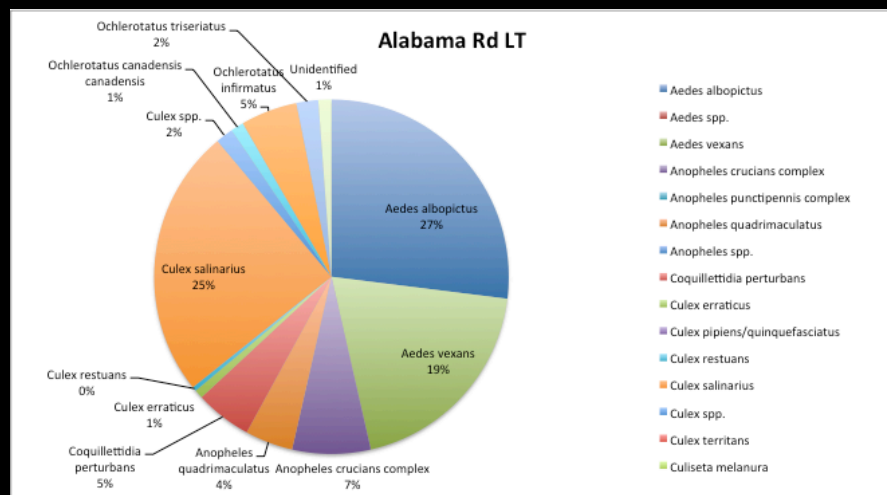
- Alternate sample week between 7 northern and 7 southern sites
- Sample constructed wetland weekly
- CDC Light trap at each site
- Gravid trap with hay infusion at each site



Dominant species in constructed wetland site



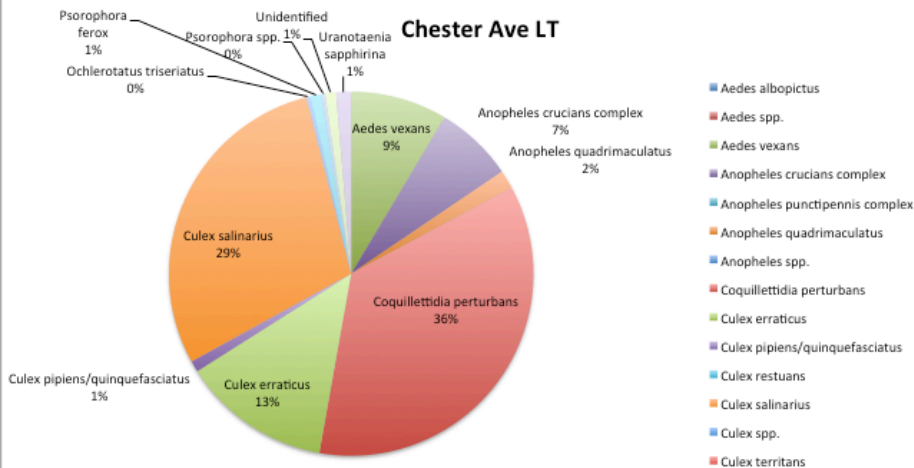
Alabama Rd



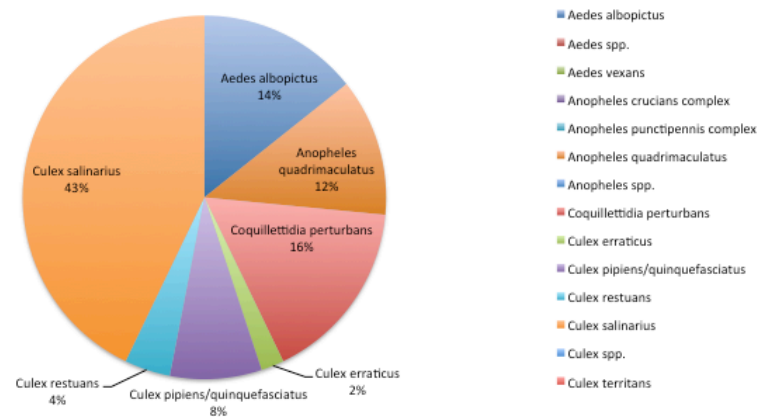


Chester Ave

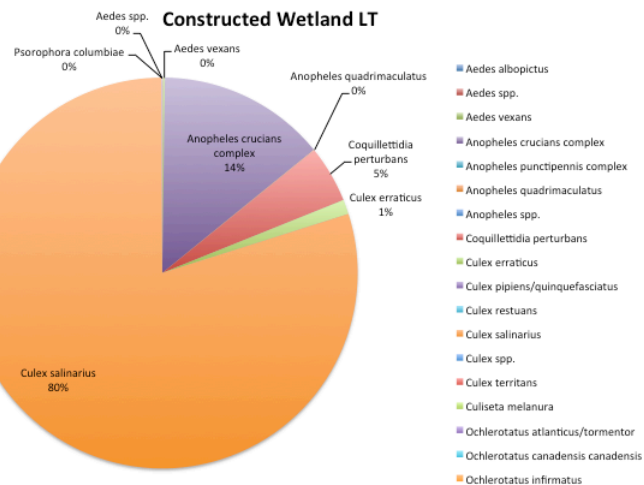
Chester Ave LT



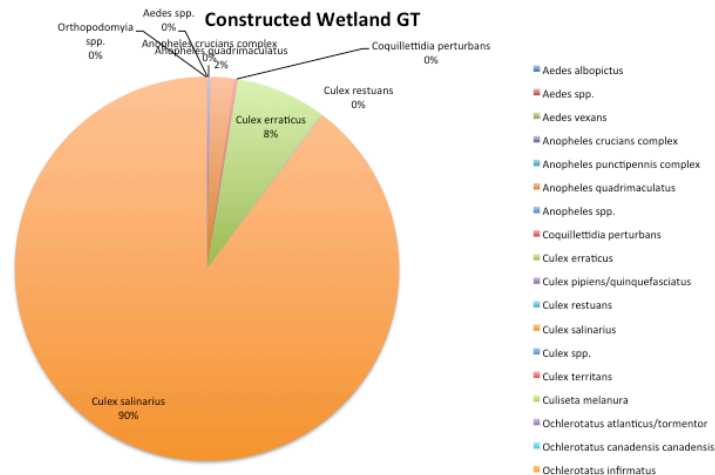
Chester Ave GT



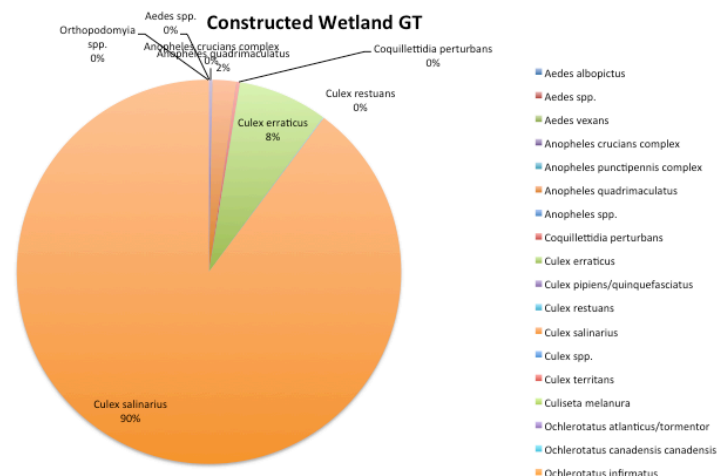
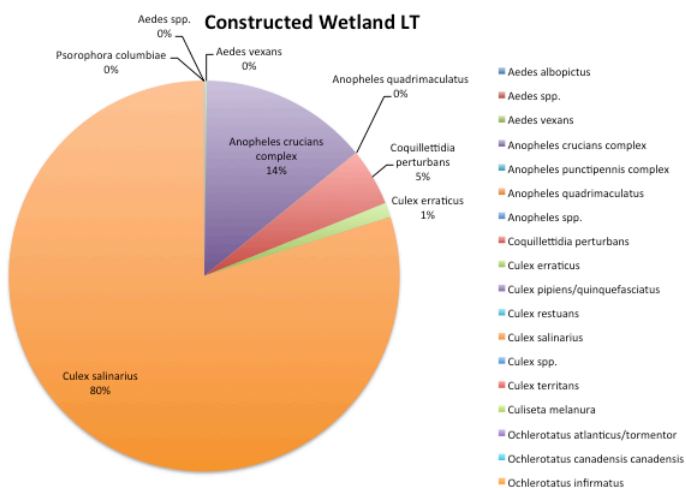
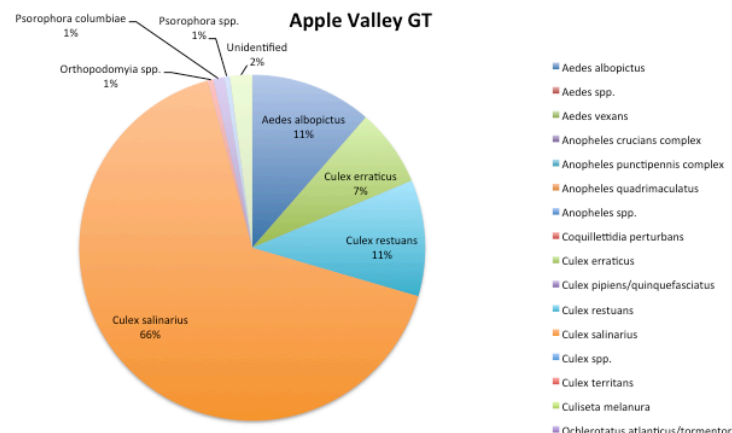
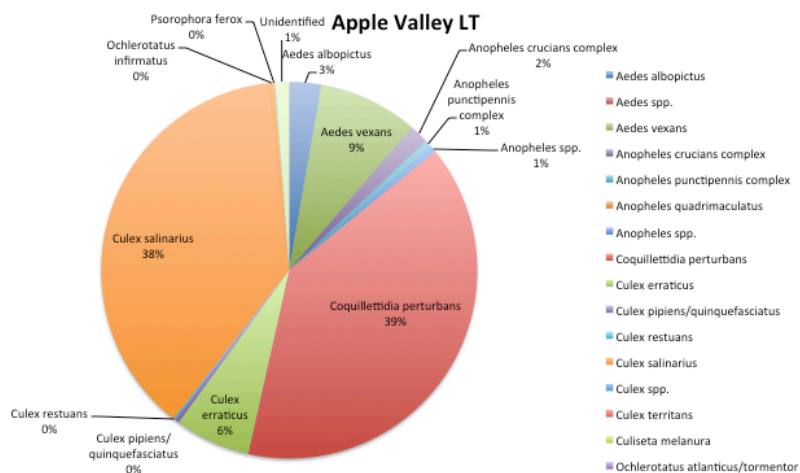
Constructed Wetland LT



Constructed Wetland GT

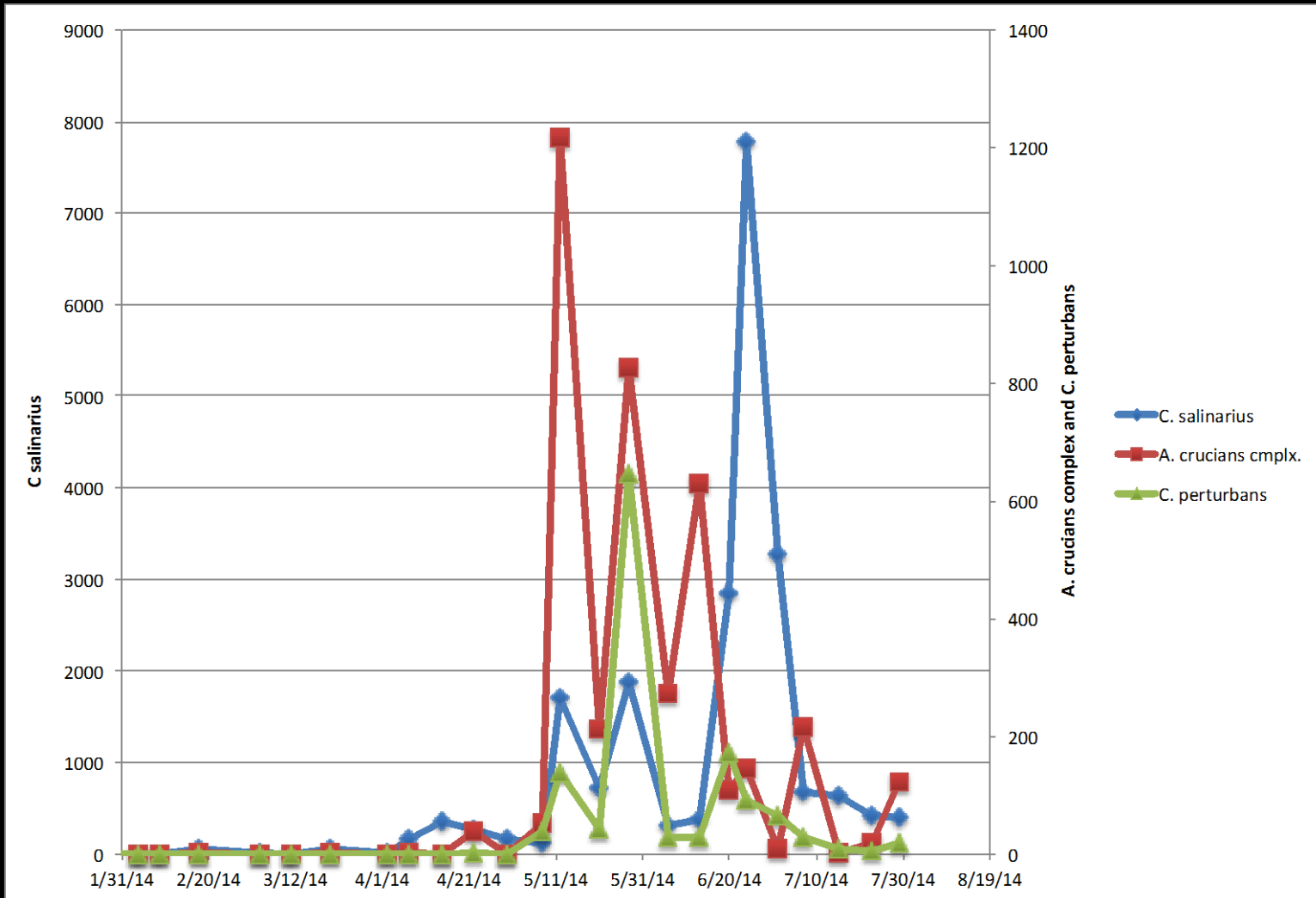


Apple Valley



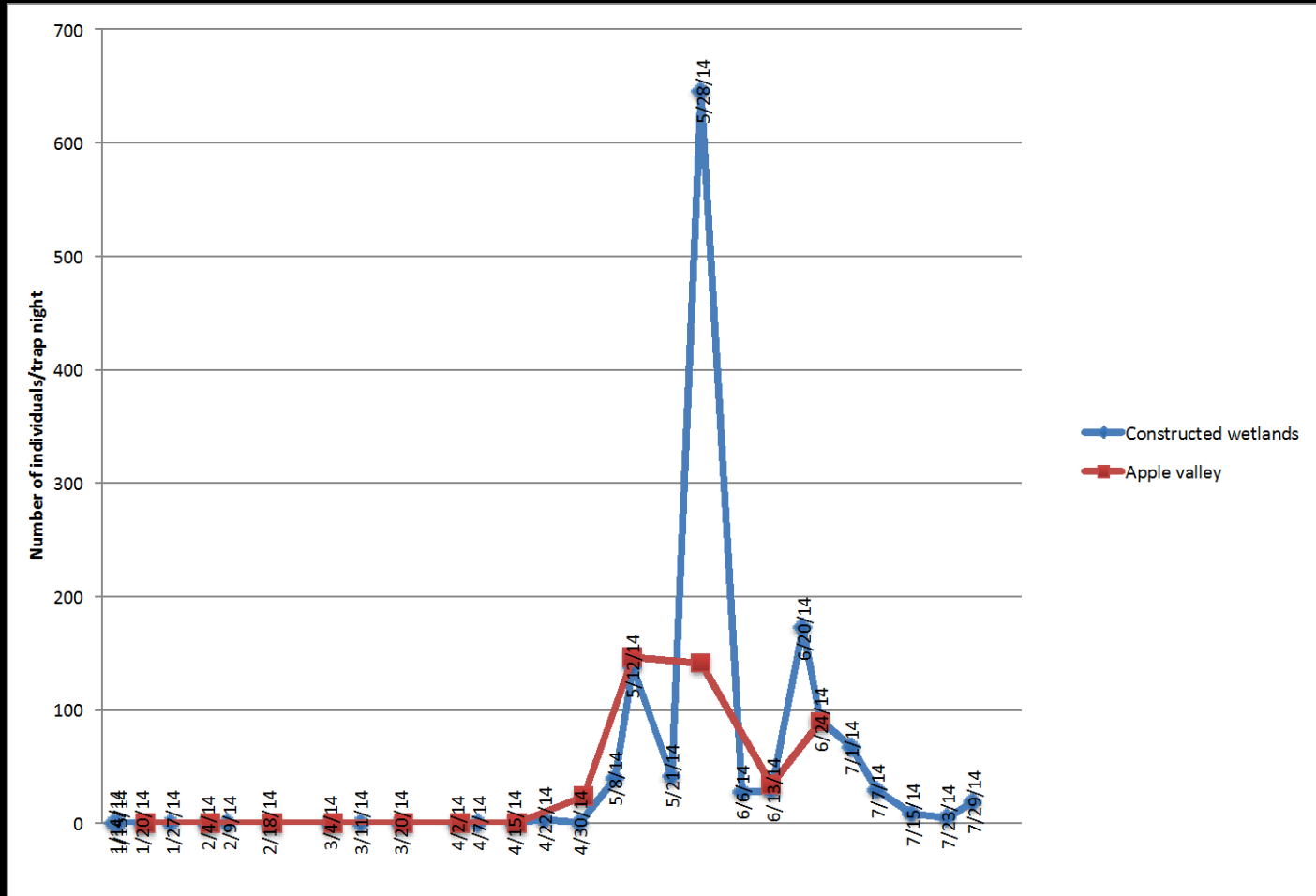


Periodicity of 3 dominant CW species



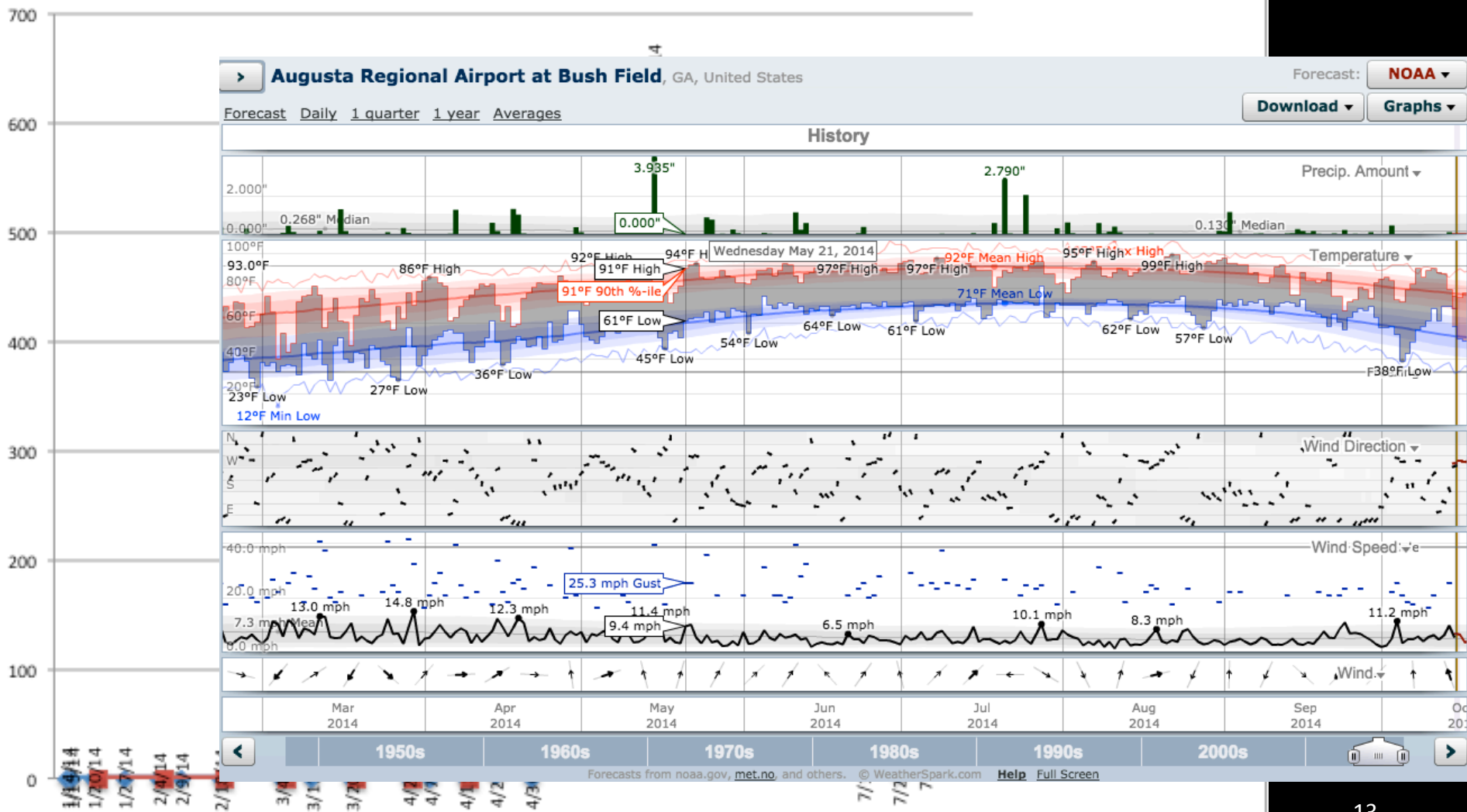


Culex perturbans from LT in CW and Apple Valley

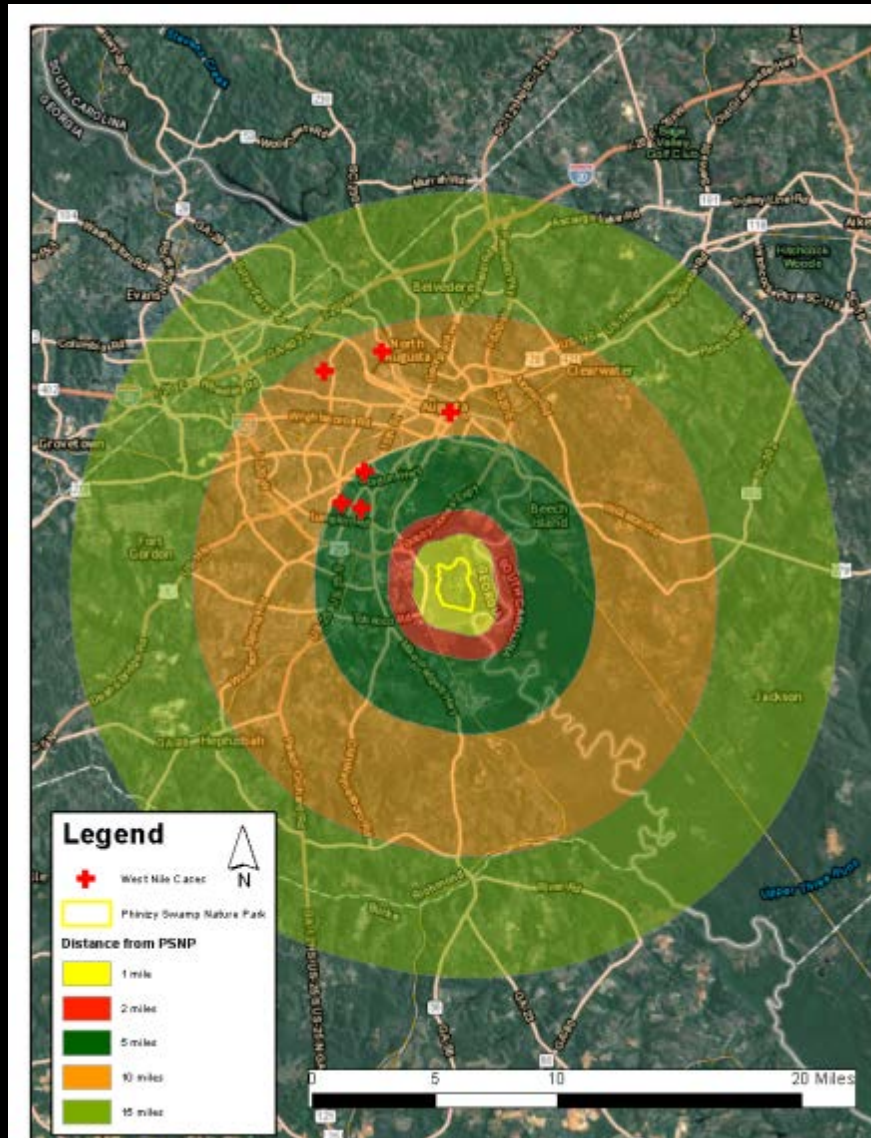


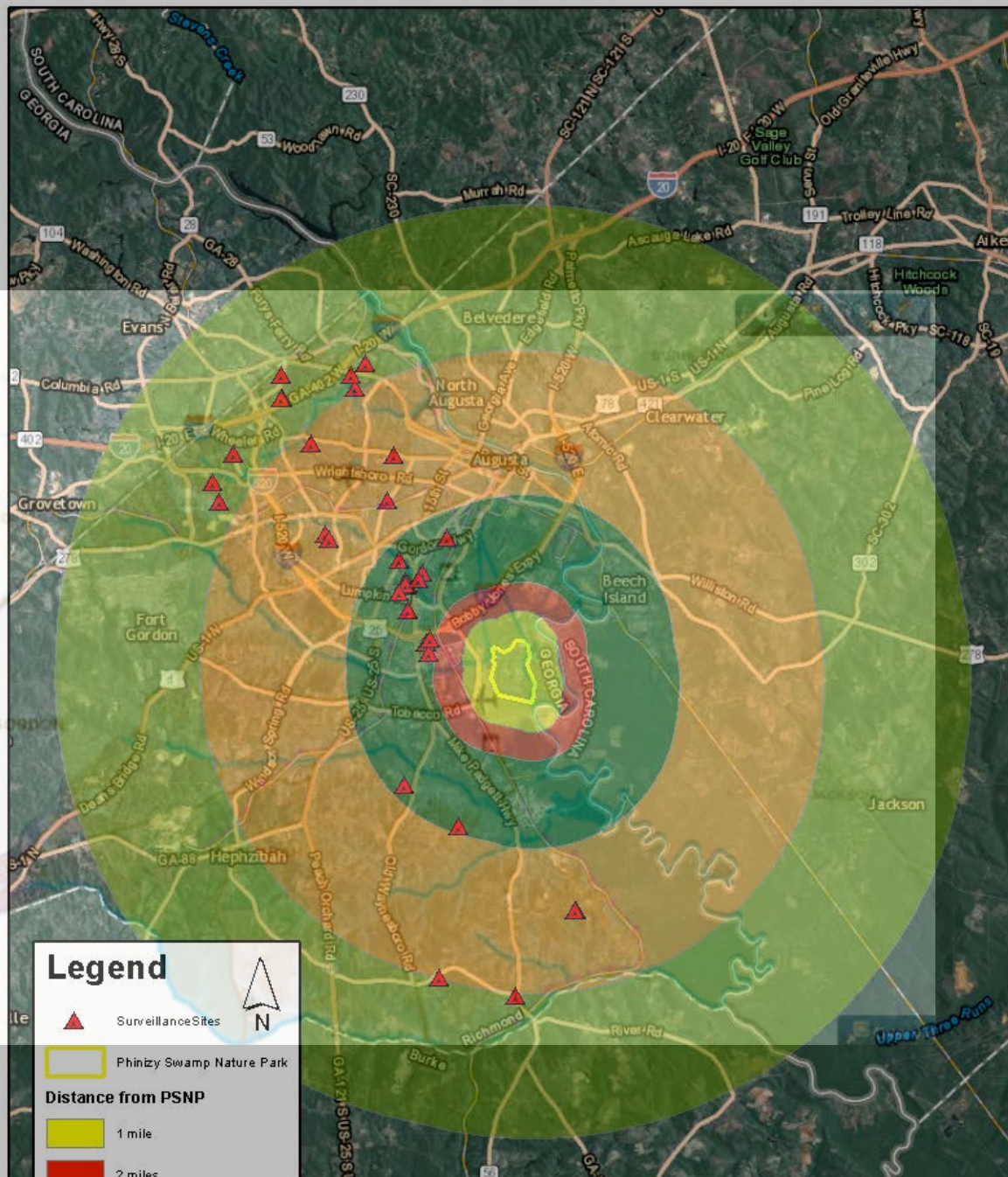


C. perturbans from LT in CW and Apple Valley



West Nile cases





Legend



Surveillance Sites



N

Phinizy Swamp Nature Park

Distance from PSNP



1 mile



2 miles

