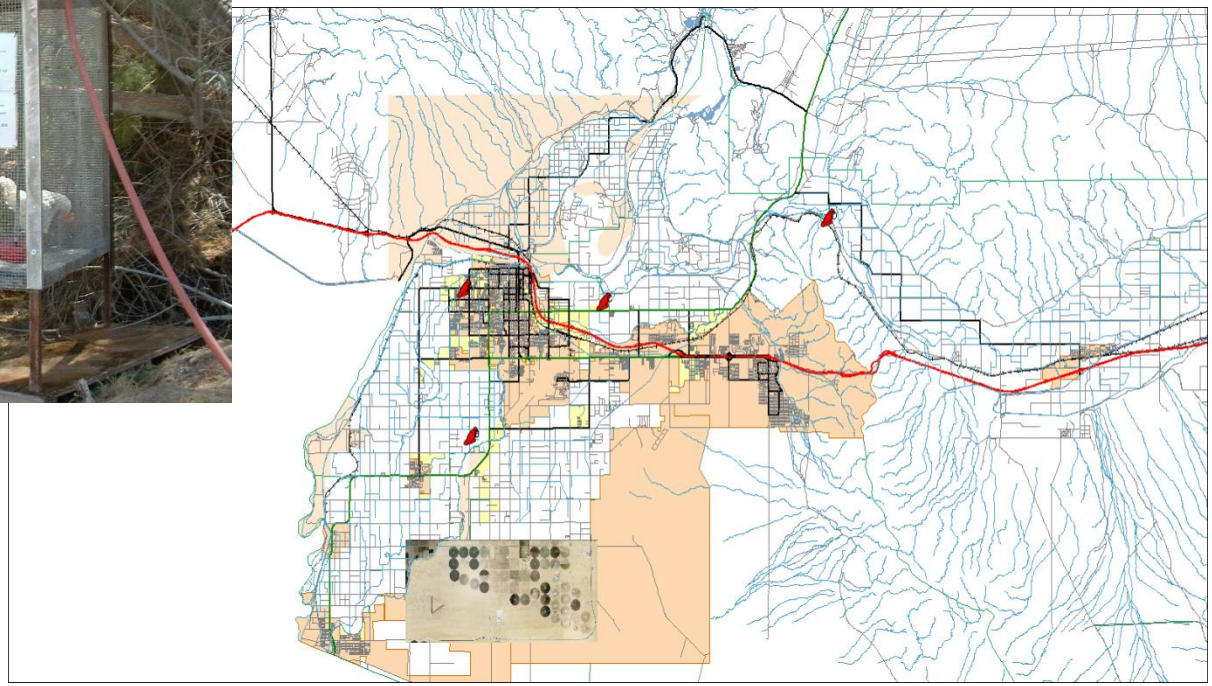
Yuma 2013

Mosquitoes & Flies

Chris Sumner, Manager
Yuma County Pest Abatement District

Sentinel Flocks, WNv, SLE, WEE

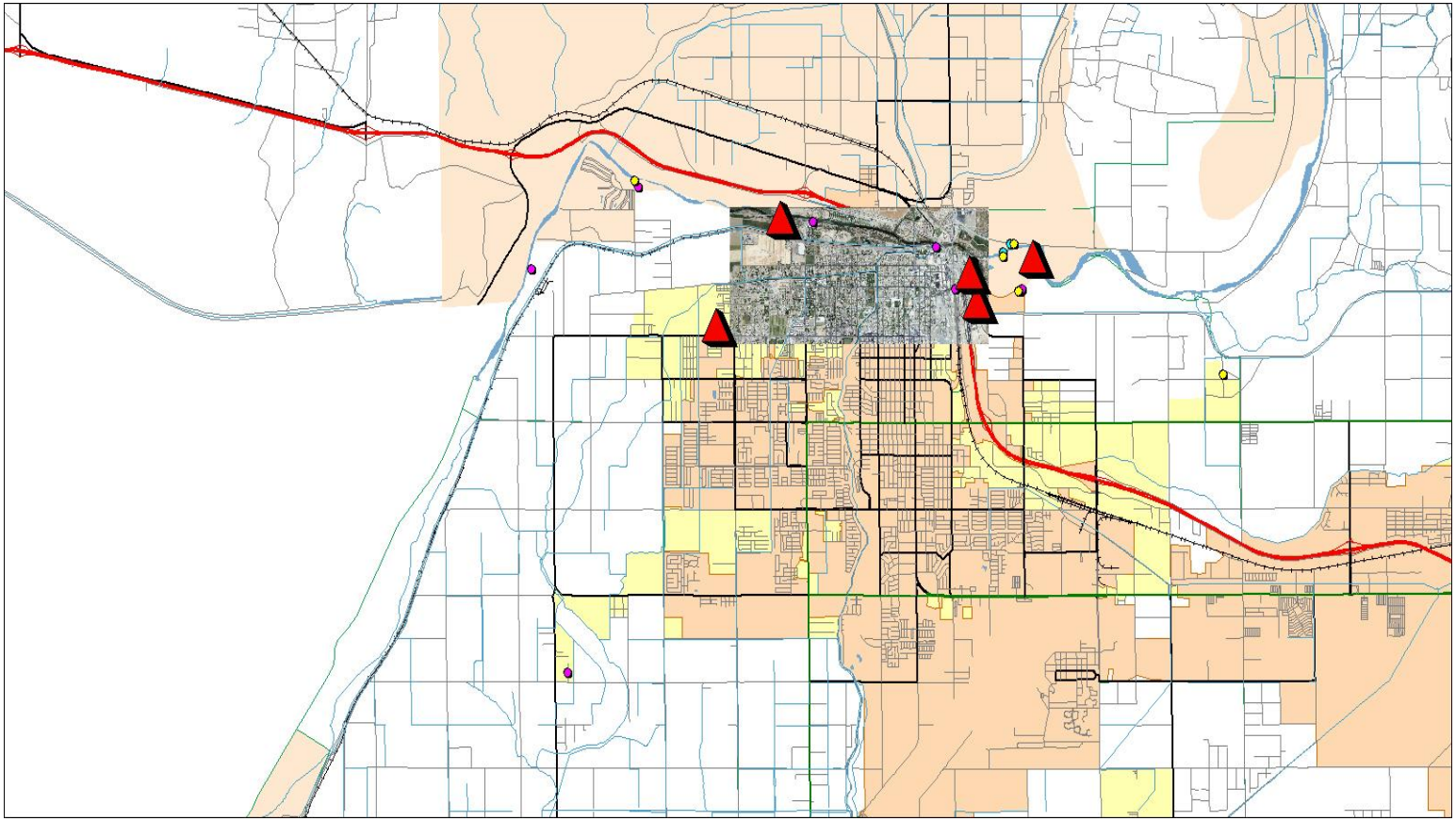


Sentinel Flock Seroconversion Dates

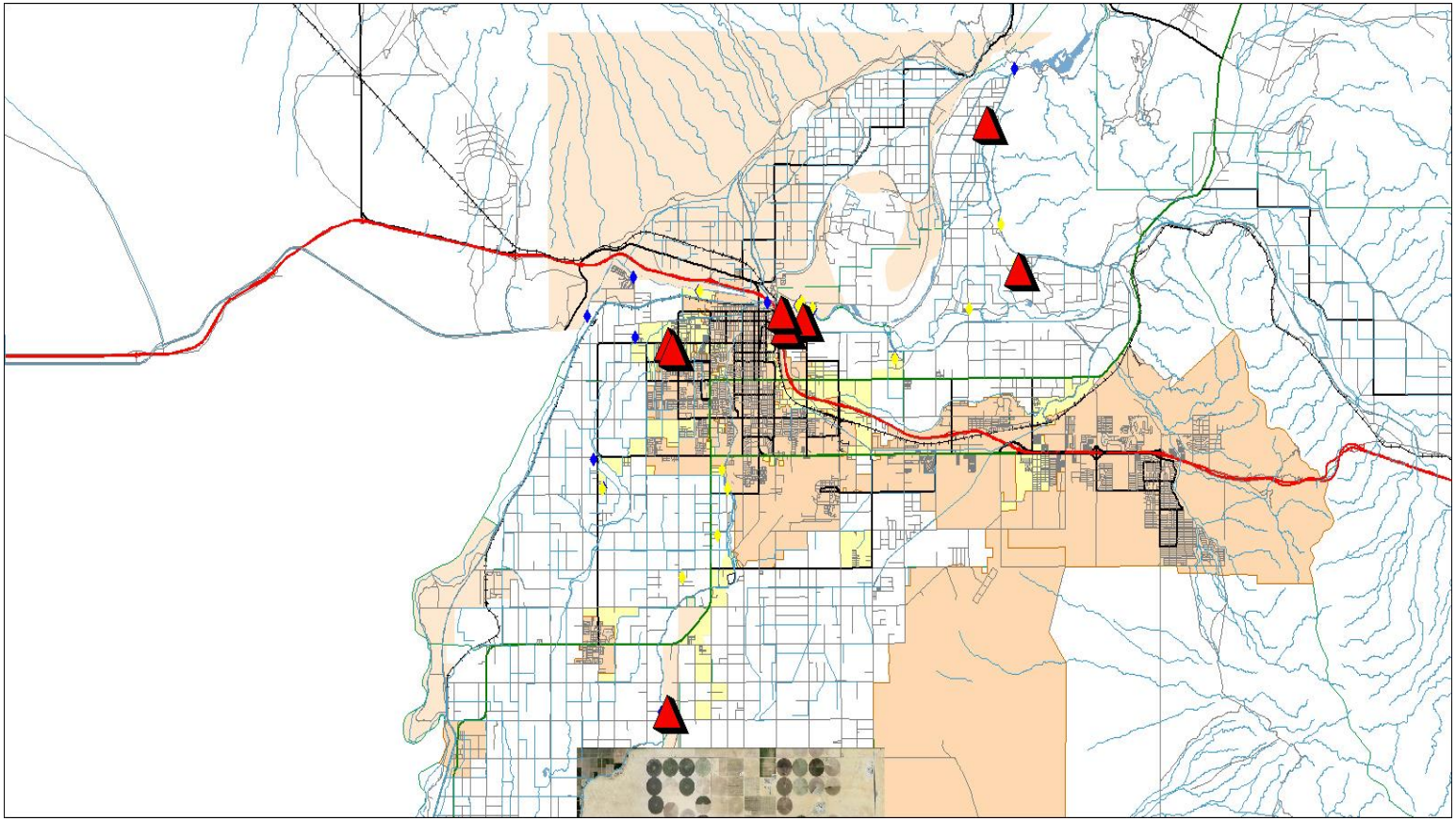
- NW Yuma: Aug 5th,
- Somerton: Aug 5th, Aug 20th,
- Gila Valley: Aug 20th, Sept 26th,
- Dome Valley: Oct 10th,

Yuma East Wetlands

July WNv+ Mosquitoes



August WNv+ Mosquitoes

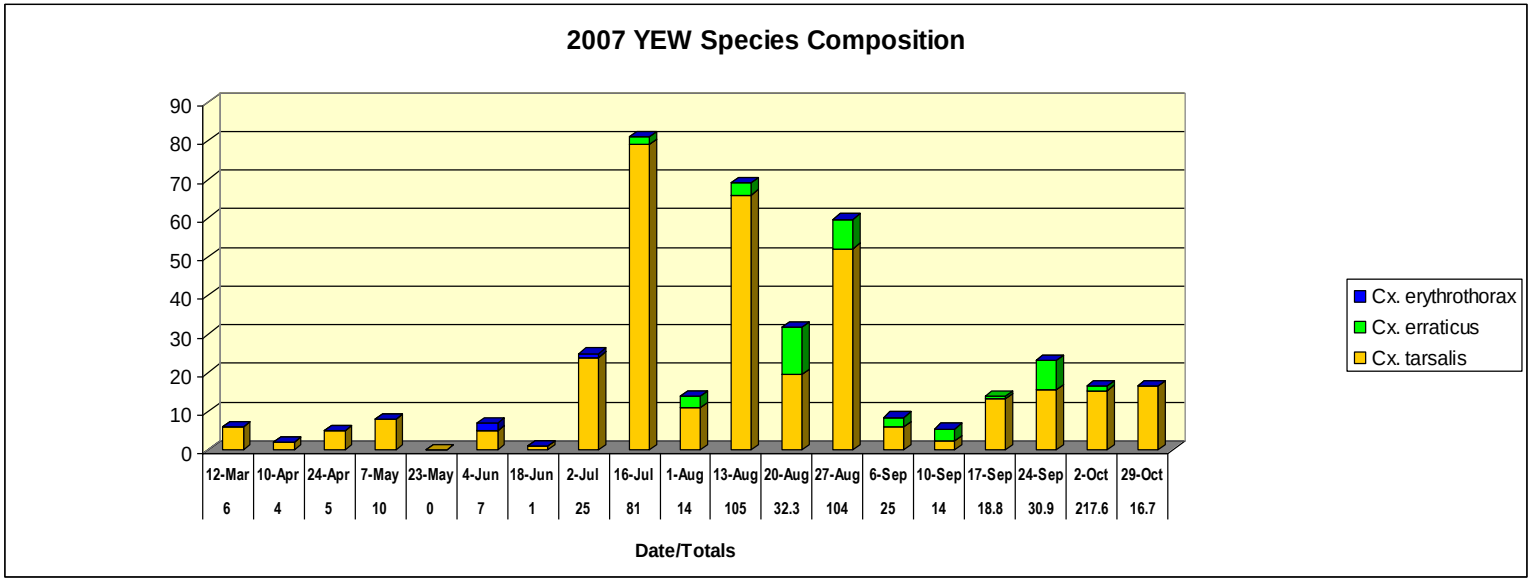


2013 WNv+ Mosquito Pools

- July: 5
- August: 8
- September: 0

Total 13

Cx. erraticus Abundance 2007



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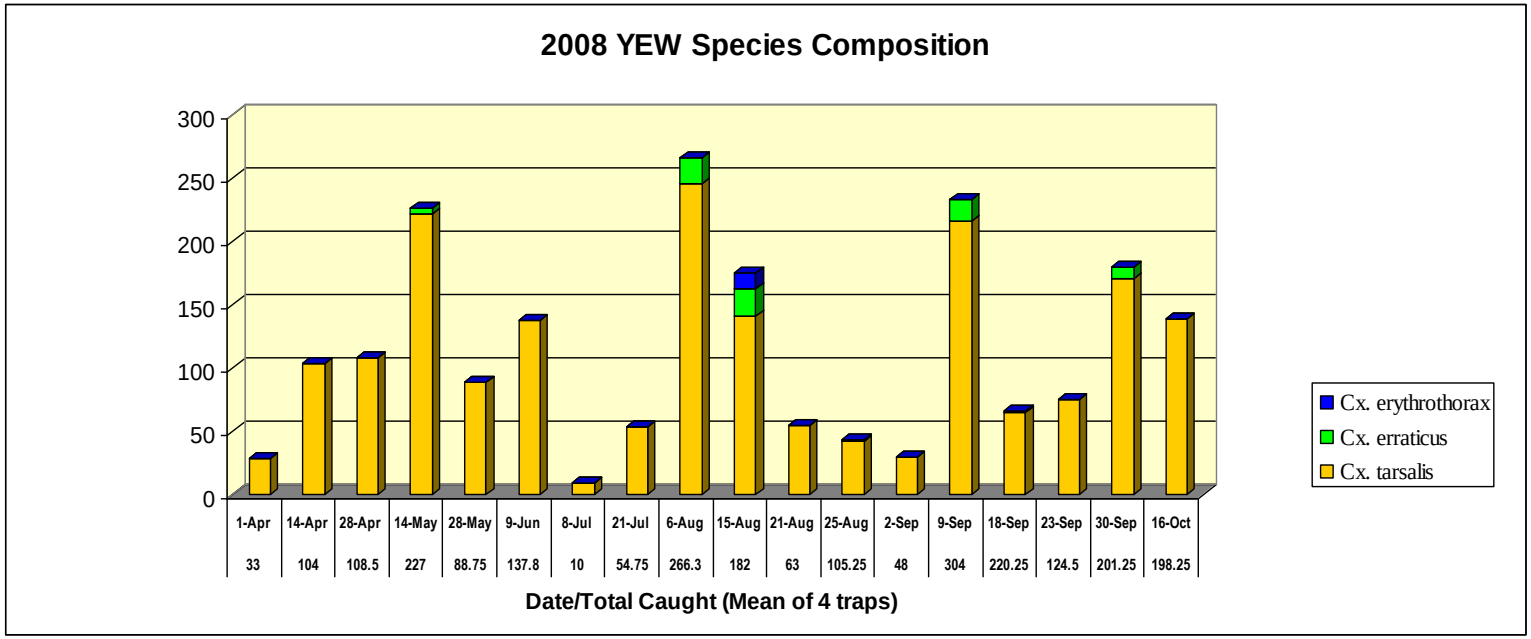

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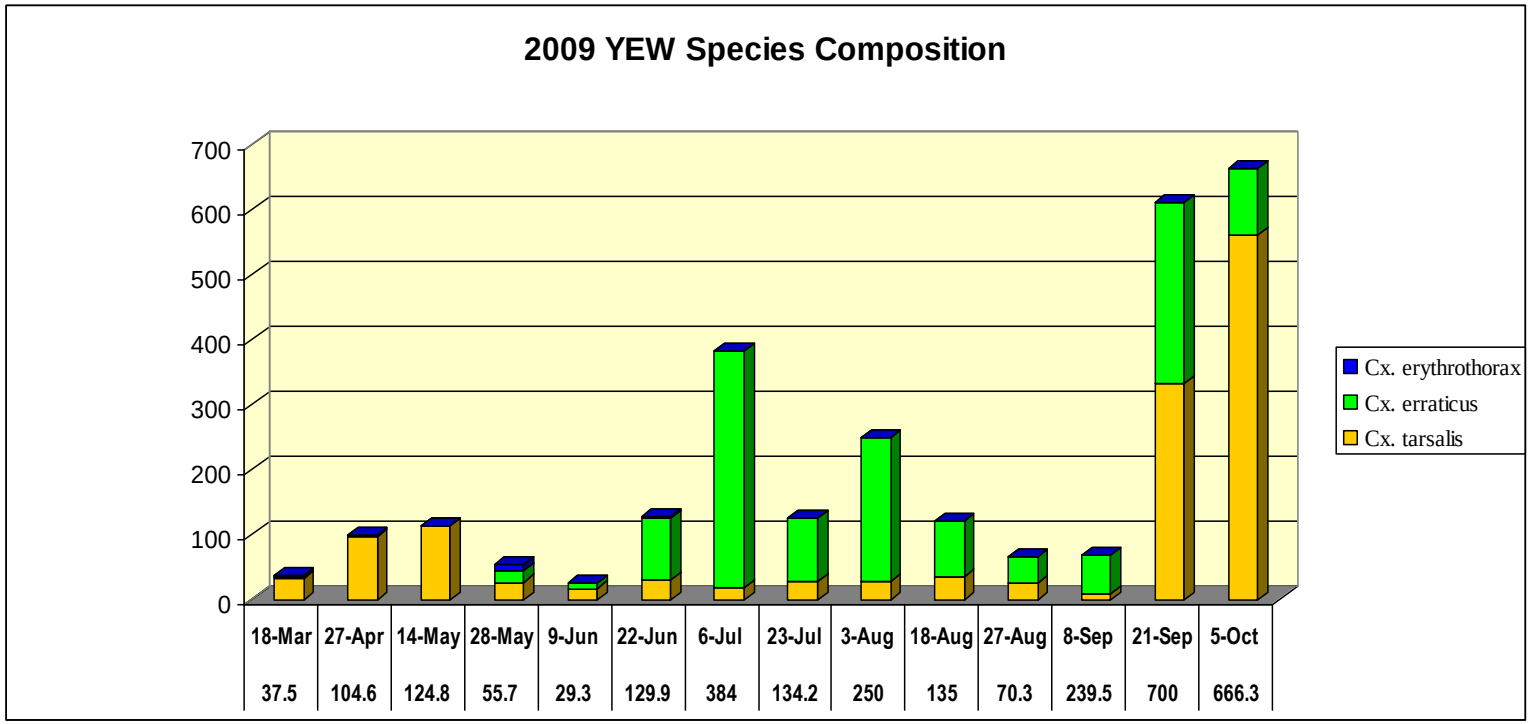

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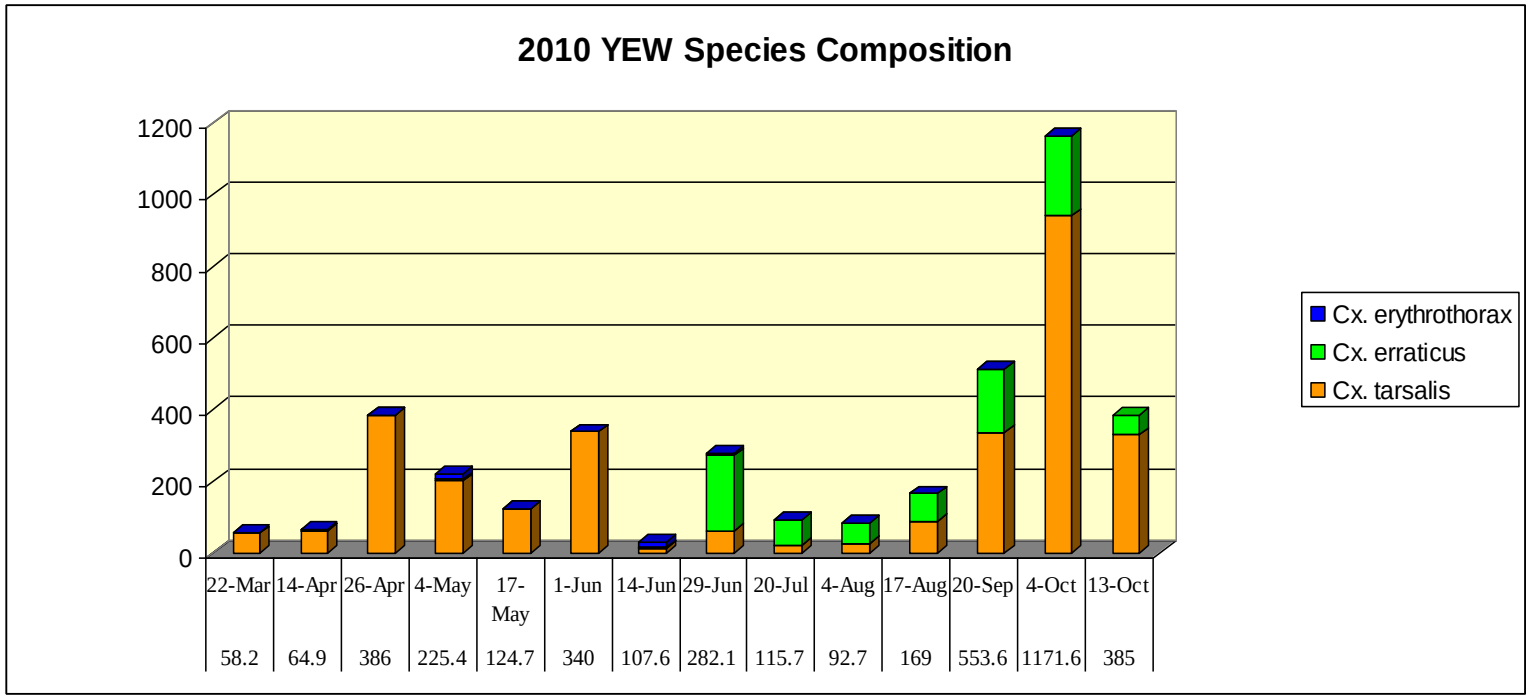

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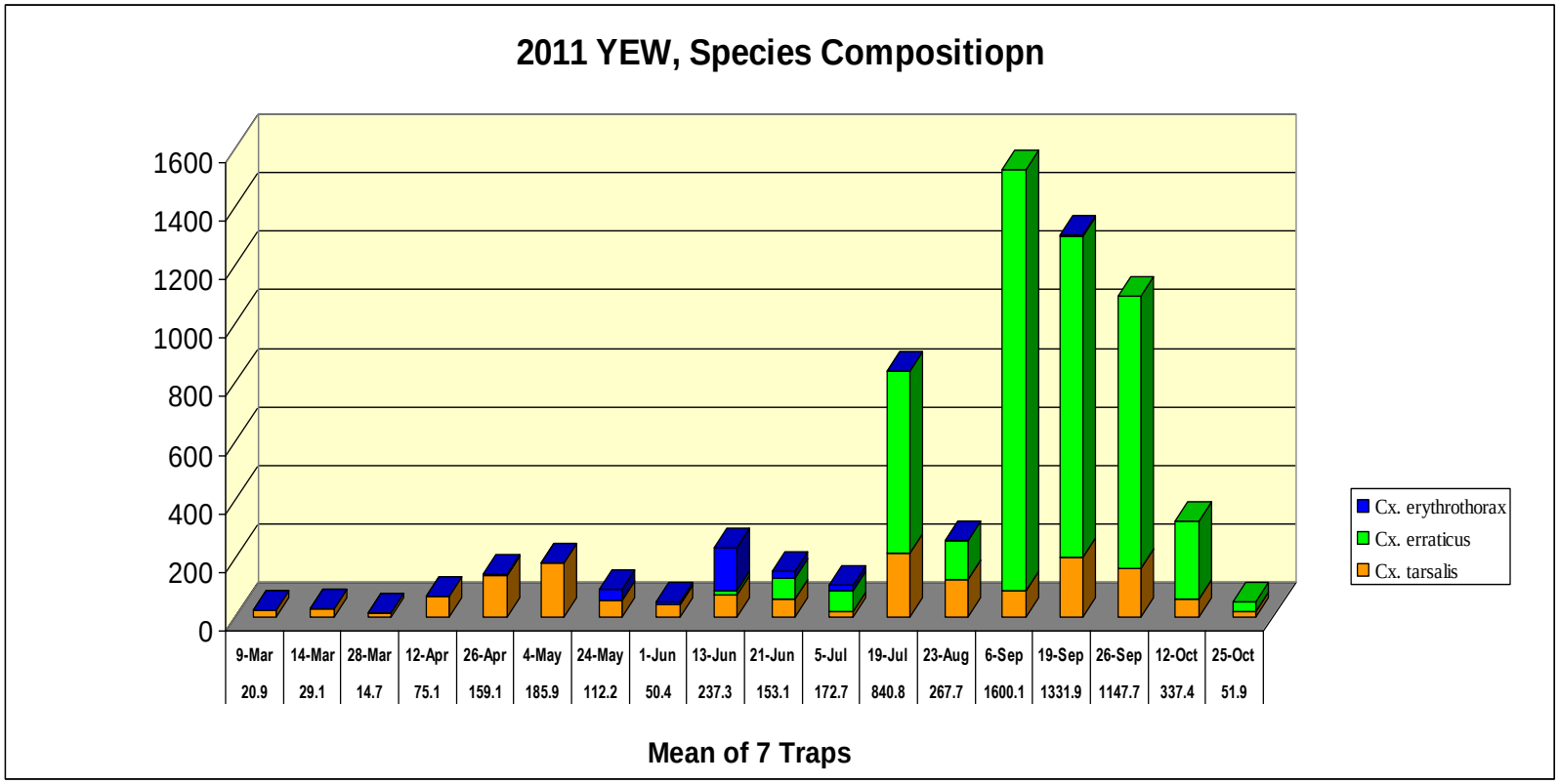

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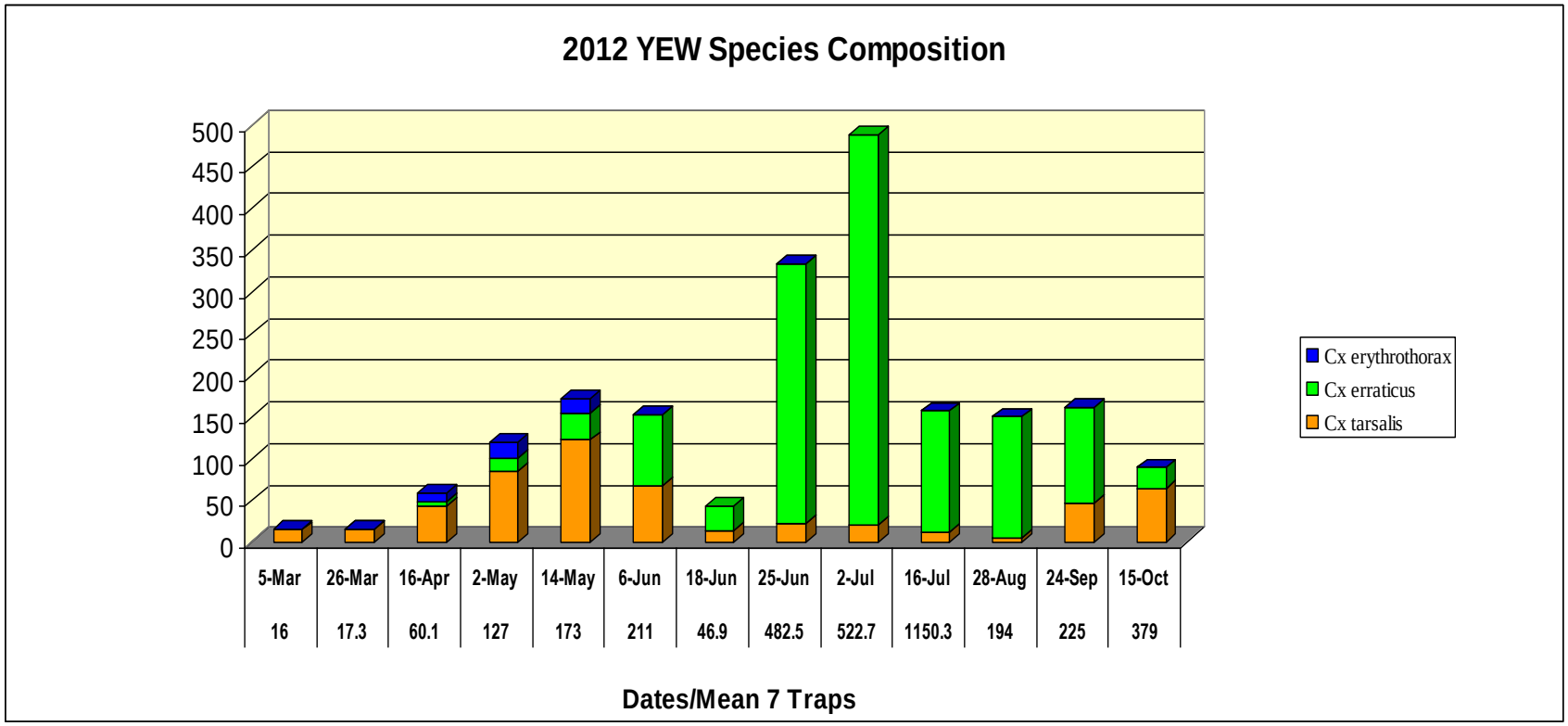

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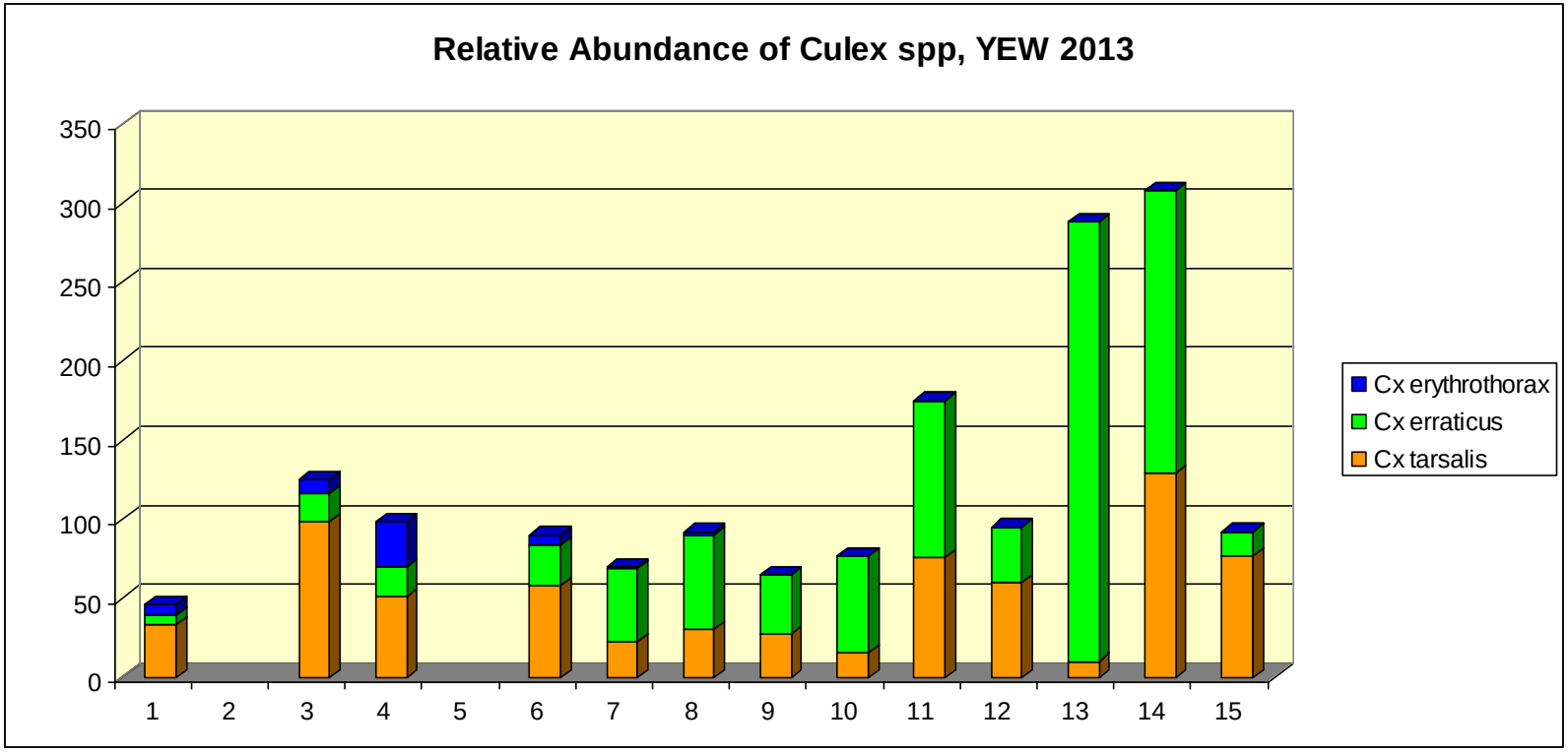


Flies, flies & more flies

Where are they breeding?

- Landfill?

Fruit culls?

Biosolids (Dried People Poop)

Domestic Animals?

Salad Line Waste?

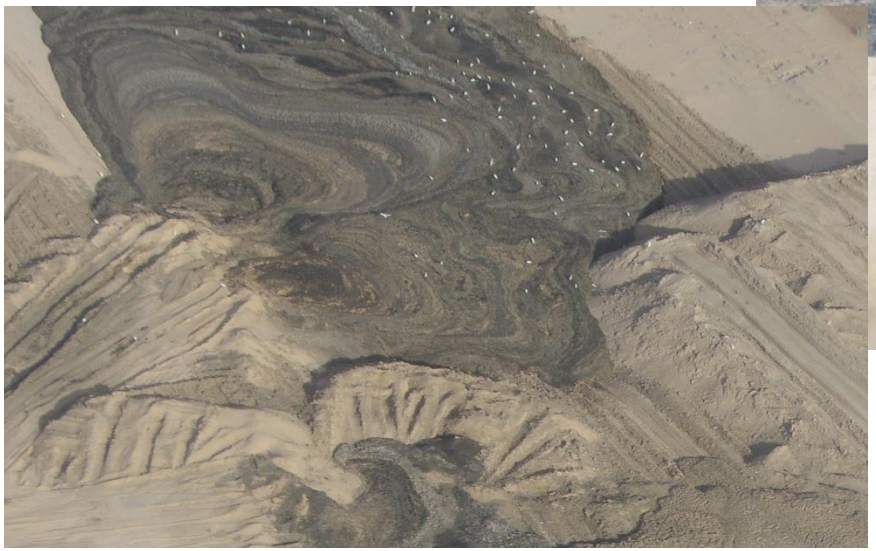
Traps Tell a Story

Traps Exposed 4 Hours

Feeding Birds Tell a Better Story

Salad Waste

Landfill, Solid & Liquid Waste



What Health Hazard Exists?

Proximity of human waste to food crops……

Earthmover Collects Dried Sewage

Used to cover compacted trash…..

When the Dust Blows, Keep Your Mouth Covered!

Field Workers

Water/lunch break, share with the flies….

Solutions Being Sought

- Remediate salad waste dumpsites
- Inspection by regulators
- Suspend liquid sewage solidification permits
- Adult fly control

Tools…..

- Regulators, ADA, ADEQ, ADHS, AZ Land Dept
- Local politicians
- Food safety/worker safety groups
- State politicians
- Media