

Evaluating Homemade and Commercially Available Traps for Homeowners

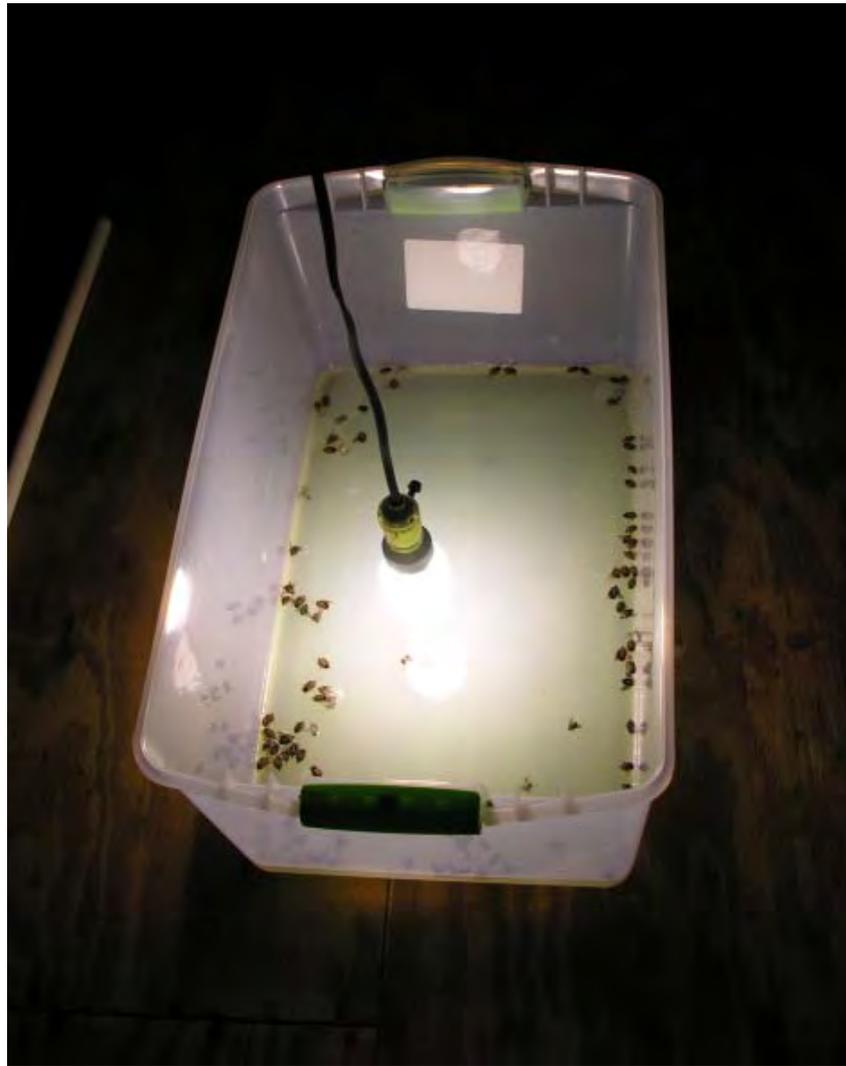
John Aigner and Thomas Kuhar
Department of Entomology
Virginia Tech, Blacksburg, VA

2 Liter Bottle Trap



Cost: ~\$7.00

Lighted Water Pan Trap



Cost: ~ \$10.00

Rescue Trap (no pheromone)



Cost: Trap and light attachment ~\$38.00

Strube's Stink Bug Trap



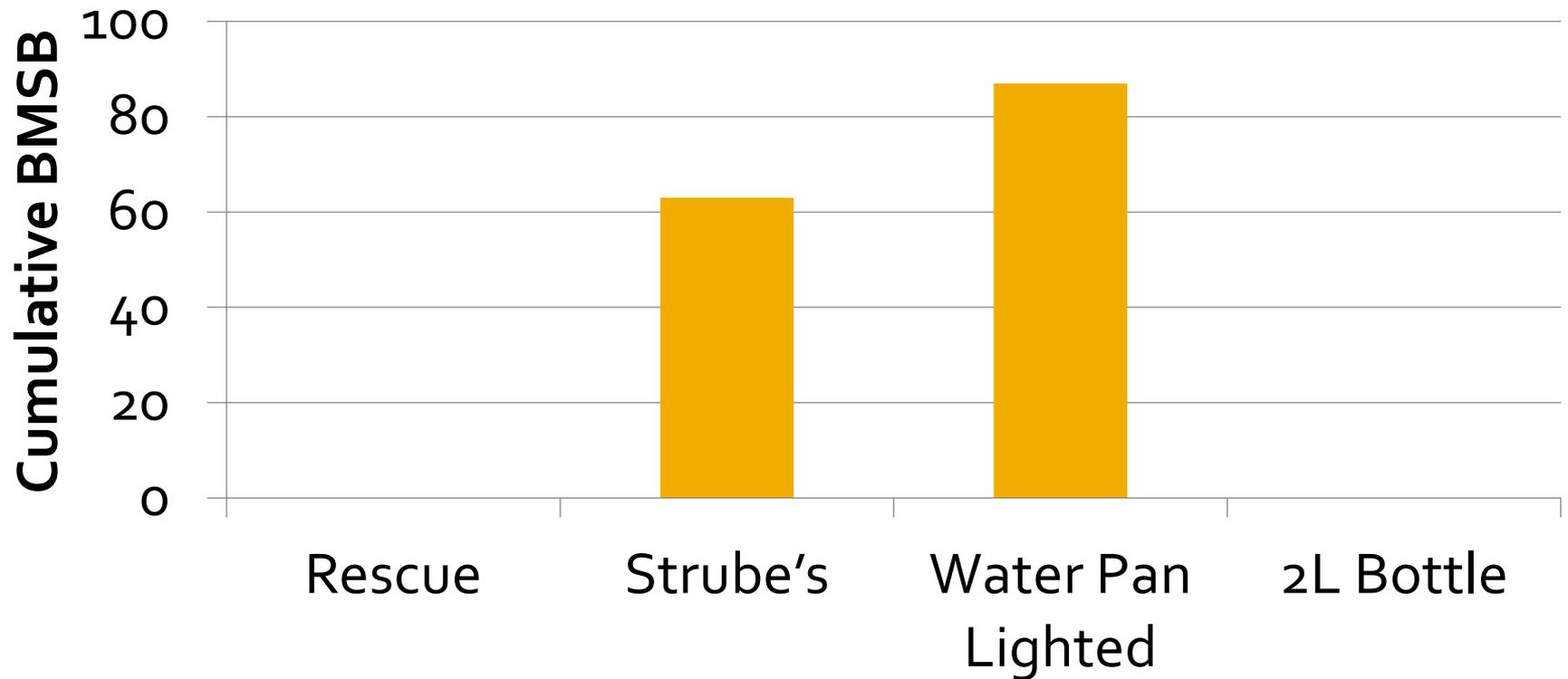
Cost: ~ \$44.00

Design



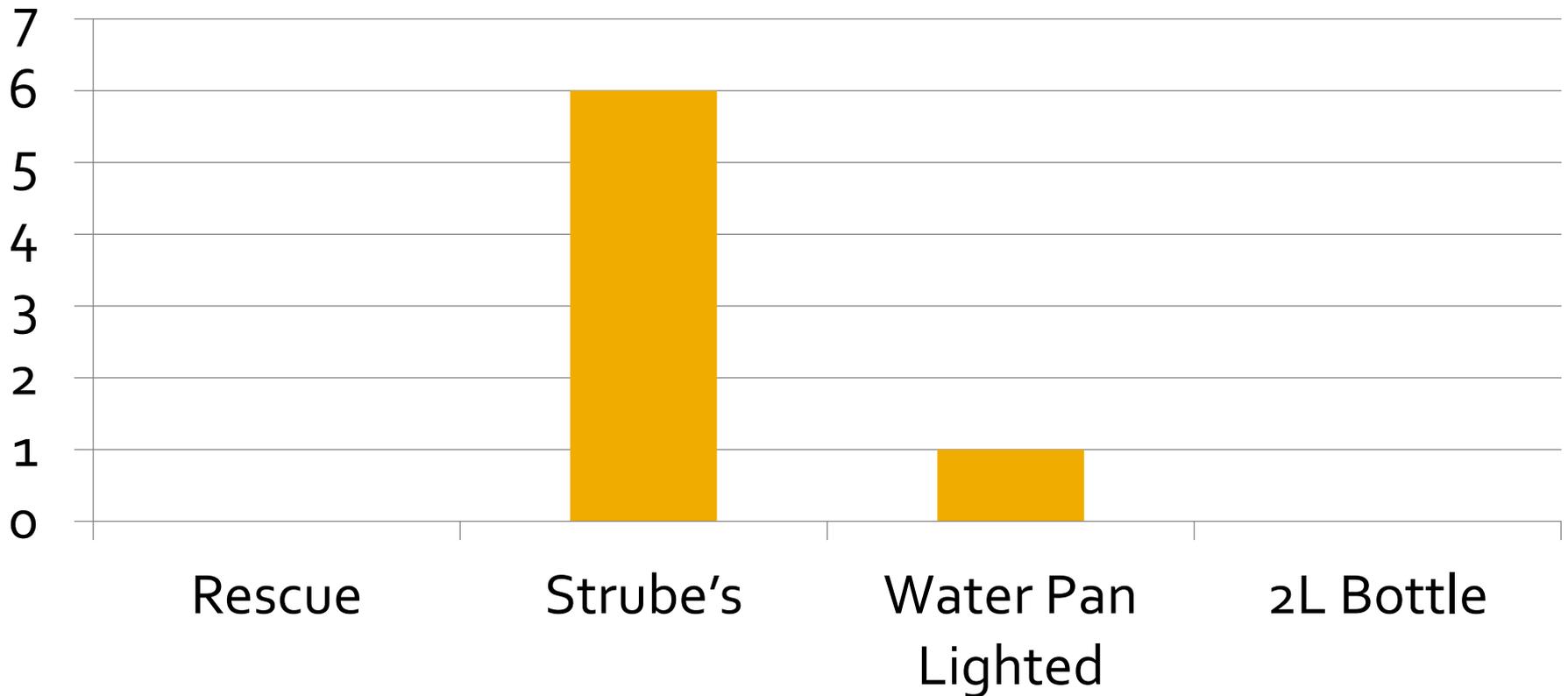
Cumulative # of BMSB from Jan-May 2012

Location 1 - Frye (Loudoun Co., VA)



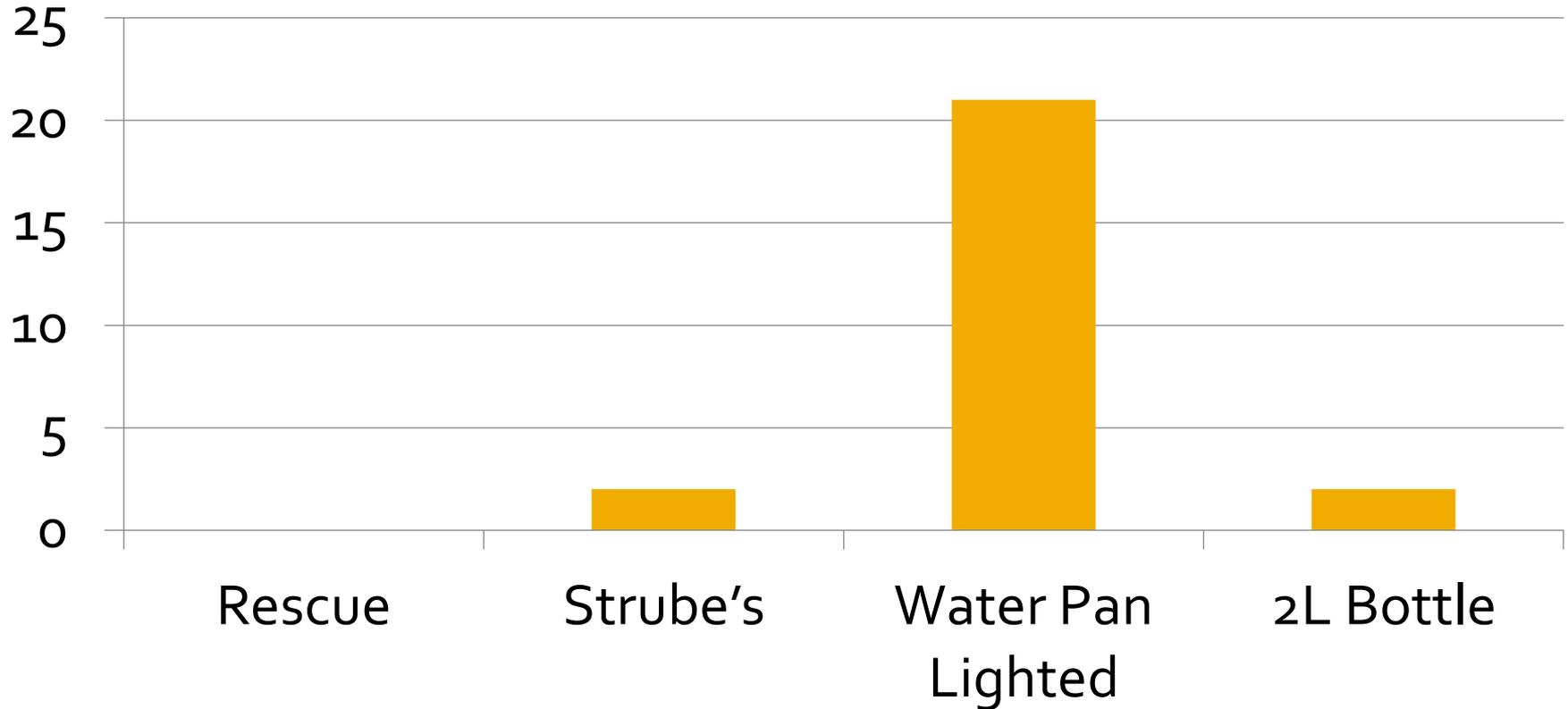
Cumulative # of BMSB from Jan-May 2012

Location 2 - Pederson (Loudoun Co., VA)



Cumulative # of BMSB from March-May 2012

Location 3 - Franco (Loudon Co., VA)



Using citizen science

■ Pros

- Citizens have a vested interest
- They are knowledgeable of localized populations
- Opportunity for extension work
 - Introducing insects to children

■ Cons

- Citizens are not always scientists
- “Real life” gets in the way
 - 75% participation

When citizen science doesn't work!



Future of this project

- Expansion
 - Recruiting more citizens to participate
 - Increase the number of sites
- Possibly incorporate a lure
- Secure funding

Acknowledgements

- Andrew Strube
 - Strube's Stink Bug Traps
- Rescue Stink Bug Traps
- Vicki Frye
- Tanya Pederson
- Kathy Franco
- Tami Carlow