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**Beetle Detection Bottle Trap Instructions**

**TO DEPLOY YOUR TRAP**

1. Configure lure to hang on bottle using twist tie at the top of the upper bottle.
2. Put 5 drops of dawn liquid detergent and 1 cup of water into the small 16 oz bottle.
3. Hang trap with the opening facing the trees and the bottom of the trap between 3-6 feet off the ground from a gate, post or fence located outside the dripline of the nearby trees. Secure well so the wind does not blow it away.
4. Take a photo of the location showing the trap and nearby trees.
5. Using Google Earth or Maps, or a GPS unit, record the latitude and longitude in decimal degrees for the trap location.
6. Please provide: **Your name, address, email and phone number, trap photo and GPS coordinates to Rosi Dagit ([rdagit@rcdsmm.org](mailto:rdagit@rcdsmm.org)) to be included into the database.**

**COLLECTING SAMPLES WEEKLY**

**Because we are using water in the trap, the bugs will turn to mush unless they are collected every 7-10 days!!!!**

1. **Use a permanent marker or pencil (pen ink will run!) to label a coffee filter** with the date, your name, email, phone number and address of the trap location.  
(NOTE: If you have adopted one of the RCDSMM traps, use the Trap Code Name)
2. Unscrew the smaller lower bottle and pour the water through the labeled coffee filter.
3. Place the coffee filter inside a Ziploc baggie that **ALSO** is labeled with date, your name, email, phone and trap location information.
4. Store the sample in your refrigerator immediately. It must remain cold or the bugs will disintegrate!

**DROP OFF SAMPLES WITHIN 1-2 DAYS TO RCD**

Place samples in the cooler labeled **BUGS GO HERE** located near the front of the RCD Office 540 S. Topanga Canyon Blvd, Topanga, CA 90290.

**PLEASE BRING SAMPLES AS SOON AS POSSIBLE!!!**

The longer the time between collection and analysis, the more bugs will turn to mush and not be identifiable!