

# Coqui Control Program

DLNR/DOFAW

BIISC

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# Coqui History



- Introduced in 1980's on the East Side.
- Huge population explosion by 2000, and in 2008 densities reached 2-3x Puerto Rico densities (~20,000 frogs/acre) in some areas.
- 2009 road surveys estimate 60,000 acres are infested by coqui (estimated does not include forest reserves or other places far from the road- so it's actually higher!).



# Coquies: Invasive

- Why are coquies a problem?
  - Huge densities means loud noise!
  - A typical population is as loud as moderate-heavy traffic (74 db).
- What can we do about it?
  - Prevention
    - Transplant potted plants before bringing them home.
    - Check vehicles if parked overnight in an infested area.
  - Work as a community
    - Ask your neighbors to start a group to control coqui before they become widespread.
    - Your neighbors coqui are your coqui. Noise (and frogs) won't stop at the property line.

# Waimea Coqui Survey

## August-September, 2010




### Legend

-  Individual Coquies Heard
-  Coqui Infestation
-  Mile Marker
-  State Reserve



0 280 560 1,120 1,680 2,240 Meters



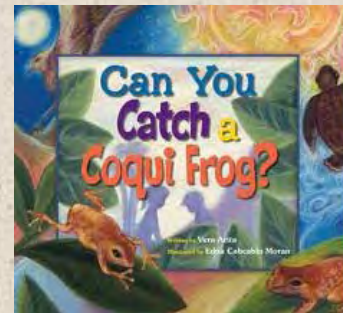
# Coquies in Waimea!!

- The cool, windy weather of Waimea keeps coqui quiet, however, they are still being introduced to the area!
- The only large coqui population found is at Puanuanu Place.
- Most frogs are located in residential lots. With neighborhood support, coqui can be eradicated and kept away.
- Are there frogs in the Forest Reserve?



# Coqui: Prevention and Control

- **Prevent:**
  - Check all potted plants before purchasing, and immediately transplant before leaving new plants in your yard.
  - Check vehicles if you ever park at night in infested areas.
- **Control:**
  - Spray 1 lb per 1 gal. of citric acid anhydrous.
  - Work with neighbors to begin a coqui community group. Volcanoes (Coquistadores), Honoka'a (HIJAC) and Kohala (KEEI) community groups have had great success!



# Coqui: HELP?

- BIISC can offer support to community groups:
  - Information, consultation and chemical (?).
  - Hotline: (808) 961-3299
  - Information: (808) 217-5856
- Call the County to request the use of a sprayer in your area.
  - (808) 961-8065

