TRAPPING PROTOCOL FOR OUR PROJECT

MATERIALS YOU WILL NEED:

- White or neon (not black) double-sided tape 2" wide; carpet tape is a good choice; get as close to 2" as you are able
- Scissors.
- Flexible measuring tape…like a sewing tape.
- Plastic snack-size zipper bags.
- Disposable gloves.
- Mobile phone with camera and GPS.

INFORMATION WE WILL WANT:

- Collection time(s) and date(s)
- GPS coordinates of tree; tree species, if possible
- Circumference of tree trunk @1.5m
- Clear photographs

IF YOU HAVE QUESTIONS

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PROTOCOL (REMEMBER…YOU ARE A SCIENTIST!)

- Cut your carpet tape into a 2" x 6" strip.
- Choose your tree; record the species (if known).
- Record the GPS coordinates of the tree; use the Compass app or Google Maps
- Measure from the ground straight up to ~1.5 meters (~5 feet). This is the best spot to sample, but if SLF are already on the trunk, try to place the tape just below where they congregate.
- Press the tape firmly to the trunk. Measure and record the circumference. where the tape is affixed. Note the time.
- After 3 hours has elapsed return to the trap and photograph several clear pictures. We want to be able to see individuals, both SLF and other organisms caught. _Optional_ Extend the capture for another 3 hours, allowing all organisms to accumulate on the tape. Do not extend for longer than 6 hours. Photograph again.

- **OPTION A:** Remove the tape with gloved hands, destroy SLF…**OR**…
- **OPTION B:** Slit a snack bag down both sides. Turn inside out. Press to seal the trapped specimens onto one side. Carefully remove tape. Fold over other side of baggie to smooth and seal to adhesive. Place inside a second zipper bag and seal. Freeze to euthanize all insects. Ship to us at no charge (contact us for directions)

- **THEN**…Go to **sites.lafayette.edu/slf** , click on "Trap and Upload Directions" and follow the brief questionnaire at the bottom of the page to submit your data.
- Repeat as often as you wish!

Video Tutorials for the Protocol Above – Scan QR code with camera below or visit: **sites.lafayette.edu/slf/trap-and-upload**

SCAN ME