**Puget Sound ZomBee Watch**

**University of Washington, Department of Biology**

**Instructions** We are supplementing the nation-wide ZomBee Watch program (https://www.zombeewatch.org/http) with our own local, intensified sampling effort. We hope to learn more about this interesting, newly recognized honey bee parasite. Please help by sending us suspicious samples.

1. Locate bees that show symptoms (flying at night, disoriented on pavement, near porch lights or other lights).
2. Collect bees using tweezers or forceps and put them in the provided vials. Firmly plug the vial with some cotton to keep the bees inside.
3. Fill out the data form on the back of this sheet, one per sample (per location and date). We must be able to assume that the data pertain to the bees in the vial. If you send more than one sample, tape each sample to a separate copy of this form.
4. Immediately mail the vial in the pre-paid mailer. If you do not send it ASAP, the sample my go moldy and be unusable.
5. It is possible that fly larvae may emerge from the sample before you send it. This is OK, just leave them in the plugged vial undisturbed.
6. Please be judicious, observe carefully before collecting. Read about the parasite and its symptoms in the bees on the ZomBee website (link above). Be certain that your samples exhibit the proper symptoms. We are trying to avoid being flooded with false alarm samples. Remember that in Fall, it is normal for dead or dying bees to be thrown out of the hive.
7. If your sample proves to be infected with the ZomBee fly, we will let you know. Your email address is the most convenient way for us to do this.

DATA form on reverse ⮧

**DATA**

Please fill this out and return with sample.

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email address (optional) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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GPS coordinates if available \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Time of day sample collected\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bee strain if known (ie Italian, Carniolan) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Distance from hives (feet or meters) \_\_\_\_\_\_\_\_\_\_\_\_\_\_ft\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_m

Observed behavior of bees \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Lab Staff only:**

Sample No.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Condition \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Comments \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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