

Appendix N-1

Data Entry Guide for *Xyleborus* and *Xylotrechus* Pests at the Genus and Species Level

| Survey | Diagnostics | Results | Data Entry |
|--------------------|---------------|----------|---|
| Target species | ID to species | Positive | All positives must be identified to species level. All species exotic to the United States should be reported. |
| | | Negative | Do not report negative data on species of these genera except for <i>Xyleborus glabratus</i> .* |
| Target genus | ID to genus | Positive | All positive entries must be identified to species level. All species exotic to the United States should be reported. No positive entries at genus level. |
| | | Negative | Do not report negative data on species of these genera except for <i>Xyleborus glabratus</i> .* |
| Non-target species | ID to species | Positive | All positives must be identified to species level. State reserves the discretion to report positive records [native or exotic]. For <i>Xyleborus</i> , see the following table “Distribution of Select Exotic <i>Xyleborus</i> Species in the United States” for distribution status of some species. |
| | | Negative | Do not report negative data on species of these genera.* |
| Non-target genus | ID to genus | Positive | If genus is of regulatory concern, then identify to species level. No positive entries at genus level. |
| | | Negative | The appropriate PPQ-approved survey methods must be used for other EWB/BB species in order to report negative data. |

*Negative data should not be reported at the species level for these genera due to the large number of species within the genera. Attractants vary by species within these two genera. Without listing individual species from these genera, certainty about attractiveness of trap and lure combinations can not be assured. Negative data may be reported for *Xyleborus glabratus* from manuka oil lures in multi-funnel traps. If these requirements cannot be met, then no data entry should occur.

Distribution of Select Exotic *Xyleborus* Species in the United States

This is a list of exotic *Xyleborus* species that have been detected in the United States. There are many additional species that are exotic to the United States.

| Species | States |
|--|--|
| <i>Xyleborus atratus</i> (Eichhoff) | AL, DE, FL, GA, MD, TN, VA, WV, KS, KY, LA, MS, NC, OH, SC, TX |
| <i>Xyleborus californicus</i> (Wood) | CA, OR, MD, DE, SC, AR, AL, FL, KS, LA, MS, NC, TN, TX, WA |
| <i>Xyleborus glabratus</i> (Eichhoff) | GA, SC, FL |
| <i>Xyleborus pelliculosus</i> (Eichhoff) | MD, PA, DE, RI, TN, VA, KY, AL, ME, NJ, NC |
| <i>Xyleborus pfeili</i> (Ratzeburg) | MD, OR |
| <i>Xyleborus seriatus</i> (Blandford) | MA |
| <i>Xyleborus similis</i> (Ferrari) | TX, LA |