Small Hive Beetle Survey 2011

The University of Maryland and Mid-Atlantic Apiculture Research and Education Consortium (MAAREC) are asking beekeepers for information about the honey bee pest, Small Hive Beetle, *Athena tumida*. This valuable information will help get real numbers and prevalence of SHB in our region for this year and in the past years.

1.) When did you first notice Small Hive Beetles in your bee colonies? (Circle one category that applies to your bee colonies.)
   a.) First time this year
   b.) Last year
   c.) 2 years ago
   d.) 3 years ago
   e.) 4 years ago
   f.) 5 or more years ago

2.) If you were to rate your colonies infestation level this year, would you say: (Circle one)
   0 = No SHB adults, larvae or damage
   1 = Light, few SHB adults, no larvae observed, but no damage or disturbance of the colonies
   2 = Moderate, many SHB adults (less than 100) and/or larvae found during part of the season with some impact on bees and colonies.
   3 = Heavy, loss of colonies, obvious signs of stress, extensive damage, large populations of both adults (over 100) and larvae

3.) What kind of control did you use this year for Small Hive Beetle? (Circle one)
   1 = Ground Treatment
   2 = Trap (What kind of trap or traps?) ________________________________
   3 = Chemicals in hive or outside
   4 = Any combinations of the above? ________________________________

4.) If you had SHB in your colonies, were these colonies: (Circle one)
   1 = Nucs
   2 = Overwintering colonies
   3 = New Hives ( splits)
   4 = Divides
   5 = Overwintering Nucs
   6 = Swarms
   7 = New hives package _______________________. (If you know, please list the state where the package came from.)

5.) Are your colonies kept? 1 = in shade 2 = in full sun 3 = partial shade (50:50)

6.) We are interested in finding out what the soil type is where you keep your colonies to get a better idea on the survival rate of SHB larvae during pupation.

List the closest town, county, and state where your bee yards are kept.
Town __________________________ County __________________________ State________

Thank you for taking a moment to fill out this questionnaire. Upon completion, please fold, close, and mail to Michael Embrey, Extension Apiculturalist: University of Maryland, Wye Research and Education Center, P.O. Box 169 Queenstown, Maryland 21658 or email to membrey@umd.edu. If you have any questions, you may contact Mike at 410-827-8056 X148. I would like to get these back by December 15.