

Photo, Bio, and Presentation Preview for Mike Hood, May 8, 2021 at 7pm EDT



Wm. Michael Hood, PhD

Hood is a Professor Emeritus of Entomology, Clemson University, South Carolina, where he retired in 2013. He began work at Clemson University in 1988 as a Extension Honey Bee Specialist in the College of Agriculture and as State Apiarist in the Department of Plant Industry in the Division of Regulatory Services. His research for the last 15 years at the university focused primarily on small hive beetle management beginning in 1998 on Wadmalaw Island, Charleston County, South Carolina, where he began development of a small hive beetle trap, later known as the “Hood Beetle Trap.” Mike continues to be a part-time instructor for the South Carolina Master Beekeeper Program. He is the author of a recently-released book titled *The Small Hive Beetle, Aethina tumida*, which is a complete overview of this honey bee pest. In 2019, Mike published another book titled *Bees and Man*, which includes over 70 short stories. He is also a retired member of the US Army Reserves serving two years on active duty and serving 23 more years in the active reserves. He retired from service at the rank of Lieutenant Colonel in 2011.

THE SMALL HIVE BEETLE, *AETHINA TUMIDA*

Hood will provide a brief introduction and history of the small hive beetle as it first made its mark on beekeeping in the United States. Hood was one of the first US honey bee scientists to study the beetle, given that the first adult beetles were collected in a managed honey bee colony located in the coastal city of Charleston, South Carolina in summer of 1996. In addition to reviewing the biology, diagnosis, genetic diversity, and economic importance of this pest, Hood will also discuss the current management recommendations of the small hive beetle

including acceptable pest levels, preventive measures, monitoring practices, mechanical control, physical control, biological control, and lastly chemical control.