

**To: Insects, Diseases and Invasive Plants (IDIP) – SRS-4552**  
**From: Kier Klepzig, Assistant Director**



**Terry Wagner** - Acting PL, March and April.

### **Assistant Director Notes**

The Project Leader position for 4552 closed March 5. I am currently awaiting cert lists from Albuquerque. We have also begun outreach for a new permanent research entomologist position to work in Asheville on hemlock woolly adelgid.

### **New IDIP tech transfer activities**

**Mike Ulyshen** – Congratulations to Mike, who successfully defended his dissertation on March 18. Mike will start (at the end of this month) a post-doc with Leah Bauer (NRS) in Michigan to work on emerald ash borer biocontrol.

... and, with **Jim Hanula**, had a paper just come out Ulyshen, M.D., and J.L. Hanula. 2009. Litter-dwelling arthropod abundance peaks near coarse woody debris in loblolly pine forests of the southeastern United States. *Fl. Ent.* 92:163-164.

**Jim Hanula** – Jim, **Brian Sullivan** and **Steve Fraedrich** were invited to present a summary of their research, "Redbay Ambrosia Beetle (RAB) biology, attractants and traps" Feb. 27 at the 2009 Laurel Wilt Conference, in Savannah, GA.

**Jim Miller** – Jim gave two presentations recently: Miller, J.H. 2009. Invasive plants in Alabama's forests. Montgomery chapter SAF.

... and Miller, J.H. 2009. Invasive plants: control, coexistence, prevention—choices for the future. US Fish & Wildlife Service SE Regional Biologists' Conference.

... and, with his wife Anne, coauthored a recent article: Miller, J.H.; Miller A. 2009. Invasive plants often emanate from southern gardens. *Hortensia* 65:17-18

Also, Jim notes that he and Dr. Stephen Enloe (Auburn) recently formulated the Alabama Forestry Commission's Cogongrass Control Recommendations posted at [http://www.forestry.state.al.us/PDFs/Cogongrass\\_Control\\_Recommendations\\_022709.pdf](http://www.forestry.state.al.us/PDFs/Cogongrass_Control_Recommendations_022709.pdf).

**Kier Klepzig** – Kier and co-authors just had a manuscript accepted: Biedermann, P.H.W., K.D. Klepzig and M. Taborsky. 2009. An evaluation of techniques to study fungus cultivating ambrosia beetles (Xyleborina, Scolytinae: Curculionidae) under controlled laboratory conditions. *Env. Entomol.* 00:000-000.

... and another just published: Klepzig, K.D., A.S. Adams, J. Handelsman and K.F. Raffa. 2009. Symbioses: A key driver of insect physiological processes, ecological interactions, evolutionary diversification, and impacts on humans. *Env. Ent.* 38: 67-77.

**Dan Miller** – Dan will be participating in workshops on bark beetles and cone and seed insects at the upcoming Western Forest Insect Work Conference, and just submitted to manuscripts: Miller, D.R., J.G. Millar, G.G. Grant, L. MacDonald, and G.L. DeBarr. 2009. (3Z,6Z,9Z,12Z,15Z)-Pentacosapentaene and (9Z,11E)-Tetradecadienyl Acetate: Attractant Lure Blend for *Dioryctria ebeli* (Lepidoptera: Pyralidae). *J. Entomol. Sci.*: Submitted.

... and Miller, D.R. and C.M. Crowe. 2009. Length of multiple-funnel traps affect catches of some bark and wood boring beetles in a slash pine stand in northern Florida. *Florida Entomol.*: Submitted.

**Terry Wagner** – Terry and the termite team just published the termiticide report: Wagner T.L., J.E. Mulrooney, T.G. Shelton, and C.J. Peterson. 2009. USDA-FS termiticide report: Termiticide efficacy results for 2008. *Pest Management Professional*. Feb: 26-27, 30, 32, 34.