

To: Insects, Diseases and Invasive Plants (IDIP) – SRS-4552
From: Kier Klepzig, Project Leader



NOTES #47 **December 12, 2008**

More news from IDIP.

New IDIP tech transfer activities

Jim Miller – Jim and Erwin Chambliss announce the posting of their up to date regional maps of the 33 severe invasive plant species using the most current FIA survey data. The maps they constructed are posted for review at:

<http://www.invasive.org/fiamaps/acres.cfm>

<http://www.invasive.org/fiamaps/percent.cfm>

<http://www.invasive.org/fiamaps/summary.pdf>

Kier Klepzig – Kier just gave an invited presentation at the Entomological Society of America meeting in Reno: Klepzig, K.D. 2008. Net impacts of symbionts.

... moderated a symposium at the same meeting: Section Symposium: Insect-Symbiont Interactions: A Metamorphosis in Perspectives.

... with co-authors, just had a paper published: Xi, W., L. Wang, A.G. Birt, M.D. Tchakerian, R.N. Coulson, and K.D. Klepzig. 2008. An integrated approach to mapping forest conditions in the southern Appalachians. *Ecological Restoration* 26:(4): 290-292.

... and, an image from an article he was co-author on (Pechanova, O., W.D. Stone, W. Monroe, T.E. Nebeker, K.D. Klepzig and C. Yuceer. 2008. Global and comparative protein profiles of the southern pine beetle pronotum. *Insect Molec. Biol.* 17: 261–277) will be used as the cover image for the 2009 volume of *Insect Molecular Biology*.

Dan Miller – Dan presented a talk at ESA in Reno: Miller, D., C. Asaro, C. Crowe and J. Meeker. 2008. Trapping pine sawyers and associates with host volatiles and bark beetle pheromones.

... and a poster: Roe, A.D., D.R. Miller and S.J. Weller. 2008. Confounding coneworms: delimiting species in the ‘raised-scale’ group of *Dioryctria*.

Mike Ulyshen – Mike has had two papers recently published: Ulyshen, M.D. and **J.L. Hanula**. 2009. Habitat associations of saproxylic beetles in the southeastern United States: a comparison of forest types, tree species and wood posture. *Forest Ecology and Management* 257: 653-664.

Shockley, F.W., M.D. Ulyshen and N.P. Lord. 2008. New distributional records and natural history notes for *Micropsphodes lundgreni* Leschen and Carlton (Coleoptera: Endomychidae). *Coleopterist Bull.* 62(3) 350-352.

Will Shepherd – Will presented a poster at ESA: Shepherd, W.P., B.T. Sullivan, J. Barrett, and T. Bauman. 2008. Response of the bark beetle, *Hylesinus pruinosus*, to the male-produced pheromone, endo-brevicommin.

Joe Mulrooney – Joe presented a poster at the ESA meeting in Reno: Mulrooney, J.E., R.S. Luttrell, and T.L. Wagner. 2008. Near continuous field monitoring of termite acoustic activity using a radio telemetry data acquisition system.

Assistant Director Notes

I visited IDIP employees (and employees of 4156) a week ago in Athens. This week I met with Regional Forester Liz Agpaoa, and Northern Research Station Director Michael Rains and AD Monica Tomosy.

Take care and keep in touch - Kier