

## FIELD NOTES

### Redlair Nature Preserve and Catawba Conservancy Property

On June 22, 2013, a team of malacologists from the Schiele Museum of Natural History Malacology Mini-Conference surveyed the Red Lair property for terrestrial snail species. The time spent on the site was only about one hour, however the team had 11 experienced researchers. The area searched was behind the Rankin residence above the creek. The terrain was sloped with young hardwoods and *Magnolia macrophylla*. The team looked under leaf litter, rotting logs, and collected soil samples that were later examined in the lab. Some snails were found near the residence around the steps. A total of 26 species of land snails were found. Two additional species have been found previously in a different part of the property. Around 75 species are possible in the southern Piedmont, so this was a substantial number for one site. Especially encouraging was the presence of five species of Mantleslugs, native woodland slug species. Exotic invasive species are marked (\*) and were found mostly near the residence.

#### NC; Gaston County; Gastonia

June 22, 2013 at 35°18'32.4"N; 81°04'54.2"W

#### Terrestrial Snails:

*Carychium nannodes* – File Thorn  
*Euconulus chersinus* – Wild Hive  
*Guppya sterkii* – Brilliante Granule  
*Striatura meridionalis* – Median Striate  
*Ventridens intertextus* – Pyramid Dome  
*Zonitoides arboreus* – Quick Gloss  
*Haplotrema concavum* – Gray-foot Lancetooth  
*Deroceras reticulatum*\* - Gray Fieldslug  
*Limax maximus*\* - Giant Garden Slug  
*Glyphyalinia indentata* – Carved Glyph  
*Mesomphix perlaevis* – Smooth Button  
*Megapallifera mutabilis* – Changeable Mantleslug  
*Pallifera dorsalis* – Pale Mantleslug  
*Philomycus carolinianus* – Carolina Mantleslug  
*Philomycus flexuolaris* – Winding Mantleslug  
*Philomycus togatus* – Variable Mantleslug  
*Fumonelix christyi* – Glossy Covert  
*Inflectarius inflectus* - Shagreen  
*Mesodon thyroidus* – Whitelip Globe  
*Neohelix albolabris* – Whitelip Forest Snail  
*Patera perigrapta* – Engraved Bladetooth

*Stenotrema stenotrema* – Inland Slitmouth  
*Triodopsis tridentate* – Northern Threetooth  
*Punctum minutissimum* – Small Spot  
*Columella simplex* – Toothless Pupa  
*Gastrocopta contracta* – Bottleneck Snaggletooth

**Found previously at Redlair; east side near pines, in older hardwood forest**

*Anguispira Jessica* – Mountain Tigersnail  
*Glyphyalinia rhoadsi* – Sculpted Glyph