



SiL = Silt Loam, SiC = Silty Clay, C = Clay, SiCL = Silty Clay Loam

The USDA National Resource Conservation Service sampled the soils in the Arboretum and provided the information on the seven soil signs along our trails to highlight the interesting soil types and how they were deposited over many years. More in-depth information can be found on the USDANRCS kiosk located across from the Dupre Outdoor Classroom at the Caroline Dormon entrance.

Site #5

Mapunit Symbol and Name:

MuD2 - Muskogee-McKamie Complex, 3 to 8 percent slopes, eroded

The soil at this site has a loamy surface layer and a reddish and/or grayish clayey subsoil. This soil was deposited by ancient channels of the Red and Mississippi Rivers which flowed through the area over 100,000 years ago.

- This gently sloping site with moderately to well drained soils is a narrow escarpment on the side slope of a terrace upland.
- The soil pH ranges from very strongly acid at the surface to neutral in the subsoil.
- Water and air move through the soil at a slow to very slow rate.

Native Vegetation Associated with this Site:

Overstory: American Beech, Blackgum, Southern Red Oak, White Oak, Water Oak, Green Ash, Red Maple, hickories, Southern Magnolia, American Basswood

Understory: American Holly, French Mulberry, Giant Cane, Spanglegrass (Woodoats), Muscadine, Greenbriar, Carolina Jessamine

