

plant materials

By Mike Owsley & Jim Lathem

The Jimmy Carter PMC has assisted in the production of an electronic reference pictorial for the identification of wetland plants. This publication is called **Georgia Wetland Plants-Version 4.0 November 2011**. It contains nearly 300 photographs (including inserts) of commonly occurring wetland plants classified as facultative or wetter according to the "1988 National List of Plant Species That Occur in Wetlands: Southeast" (Region 2).



Hibiscus laevis

The photographs in the publication were taken by Mike Owsley, Jim Lathem, Sherry Carlson, Greg Clark, Casey Sowell, Dee Pederson, and Craig Bevan of the Georgia NRCS throughout the state of Georgia from 2005 to 2011. Version 4.0 updates version 3.0 by adding about 50 new plant photo files and replacing several others with higher quality images. This electronic pictorial should serve as an excellent rapid reference source in wetland plant identification for wetland delineations in Georgia

and surrounding states. However it does not replace the need for careful taxonomic identification and classification.



Rosa palustris



Polygala nana

In November Jason Lupardus and Dallas Ingram of the Georgia Department of Natural Resources (DNR) came to the PMC and helped evaluate a **Restoration Study for Enhancement of Bobwhite Quail Habitat**. The restoration study and demonstration is on 10 acres of former bahiagrass-bermudagrass pasture. Chemicals were applied to reduce the pasture grass competition. Several planting methods were utilized including seed drills and fertilizer spreaders to distribute seed over the restoration site. Seven combinations of native warm season grasses and native forbs were planted to improve the habitat for bobwhite quail and other upland bird species.



Fertilizer Spreader Distributing Seed

The study has been evaluated each year since 2008 for bobwhite quail nest cover, brood cover and escape cover. Results can vary from year to year depending on weather conditions and weed competition. However, the overall habitat has improved since the restoration began. The DNR plans to assist the PMC with a prescribed burn and new shrub plantings this winter and spring.



Native Grasses and Forbs Planted to Restoration Site