

Web Sites:

- Go to the **University of Florida Herbarium Collections Catalog** and search the Digital Imaging Projects, *Plant Species Introduced in Florida*, to see high resolution, zoomable (up to 100%) images of approximately 40 species from the FLEPPC Category II list. The resolution is high enough to distinguish very fine details. The project was funded in part by the Florida DEP-Bureau of Invasive Plant Management and made available through collaboration of the UF Herbarium with the George A. Smathers Libraries (UF) Digital Library Center and the Florida Center for Library Automation. Full label data for all of the Category II species on file in the herbarium also will be available soon in the computerized catalog. The Bureau chose Category II species over Category I because they are less well known, thus creating a greater need for available images. Kent Perkins, Collections Manager for the UF Herbarium, hopes to gain additional funds for more images. There are now approximately 500 images online at the web site in projects such as *Potentially Poisonous Florida Plant Species*, *John Bartram's Botany* (St. Augustine to Picolata), and *Floristic Inventory of Kanapaha Botanical Gardens*, all searchable by common or scientific name.
www.flmnh.ufl.edu/herbarium/cat/digitalimagingprojects.htm
- The **Fairchild Virtual Herbarium Web Portal** prototype simultaneously searches through the collections of ten herbaria for the Family/Genus/Species you choose. Herbaria include the Missouri and New York Botanical Gardens, Fairchild Tropical Garden, the University of Florida, Texas A&M, and the British and Swedish Museums of Natural History, as well as herbaria in the Cayman Islands and Costa Rica. www.virtualherbarium.org/vhportal.html
- The **Aquatic, Wetland and Invasive Plant Information Retrieval System (APIRS)** now is in a user-friendly format, thanks to major support from the Florida Dept of Environmental Protection-Bureau of Invasive Plant Management, and the US Army Corps of Engineers-Aquatic Plant Control Research Program (Jacksonville District and Vicksburg, MS). In addition to its 20-year history of collecting the worldwide literature on aquatic and wetland plant species, APIRS has been collecting new and retrospective literature on upland invasive species in Florida, as well as more general literature on invasive species problems worldwide, for the past couple of years. The annotated citations to this literature can be easily found by searching the database's approximately 60,000 records.
<http://plants.ifas.ufl.edu/search80/NetAns2/>

Graduating Students:

- Rachel Tenpenny Sartain, 2003, Master's Thesis. "Physiological Factors Affecting the Management of *Torpedograss*," Agronomy Department, University of Florida, Major Professors: David L. Sutton and Greg E. MacDonald.



In Memory of Randel F. Poppel 1956 - 2003

Randel Poppel was an invasive plant control contractor who owned and operated Randel's Landclearing with his wife Rebecca, and two sons, Laramie and Wyatt. Randel was a master equipment operator and a very conscientious herbicide applicator. The company started working with the Florida Department of Environmental Protection five years ago with modest exotic pest plant control experience. The company quickly became one of our best contractors. This can be attributed to Randel's acceptance of nothing short of perfection from his crews, and a strong desire to always learn more about exotic pest plants, control methods, and the impacts exotic pest plants have on native species.

Randel always was a pleasure to be around. He usually had a funny story or joke to relay that left people smiling or laughing. Randel died in a tragic accident while removing Australian pines from a beach conservation area in Saint Lucie County this past winter. He will be greatly missed by his family and friends, and by the land managers and citizens who appreciate all the great work he accomplished in restoring the natural Florida.

- M. Zeller

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